A Complete Bibliography of Publications in *Computational Intelligence*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: `beebe@math.utah.edu`, `beebe@acm.org`, `beebe@computer.org` (Internet)
WWW URL: `http://www.math.utah.edu/~beebe/`

24 May 2024
Version 1.03

Title word cross-reference

References

Cercone:1985:EE

[1] Nick Cercone and Gordon McCalla. Editorial/ Éditorial. *Computational Intelligence*, 1(1):iii–v, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sidner:1985:PPI

[2] Candace L. Sidner. Plan parsing for intended response recognition in discourse. *Computational Intelligence*, 1(1):1–10, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Etherington:1985:APC

[3] David W. Etherington, Robert E. Mercer, and Raymond Reiter. On the adequacy of predicate circumscription for closed-world reasoning. *Computational Intelligence*, 1(1):11–15, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tsotsos:1985:KOR

[4] John K. Tsotsos. Knowledge organization and its role in representation and interpretation for time-varying data: the ALVEN system. *Computational Intelligence*, 1(1):16–32, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wilkins:1985:REE

[5] David E. Wilkins. Recovering from execution errors in SIPE. *Computational Intelligence*, 1(1):33–45, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Romanycia:1985:WH

[6] Marc H. J. Romanycia and Francis Jeffry Pelletier. What is a heuristic? *Computational Intelligence*, 1(1):47–58, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Haas:1985:PEA

[7] Andrew Haas. Possible events, actual events, and robots. *Computational Intelligence*, 1(1):59–70, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Woodham:1985:ASC

[8] R. J. Woodham, E. Catanzariti, and A. K. Mackworth. Analysis by synthesis in computational vision with application to remote sensing. *Computational Intelligence*, 1(1):71–79, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sandewall:1985:FAN

[9] Erik Sandewall. A functional approach to non-monotonic logic. *Computational Intelligence*, 1(1):80–87, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fleet:1985:SIE

[10] David J. Fleet and Allan D. Jepson. Spatiotemporal inseparability in early vision: centre-surround models and velocity selectivity. *Computational Intelligence*, 1(1):89–102, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Boyer:1985:GPM

[11] Michel Boyer and Guy Lapalme. Generating paraphrases from meaning-text semantic networks. *Computational Intelligence*, 1(1):103–117, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mackworth:1985:HAC

[12] Alan K. Mackworth, Jan A. Mulder, and William S. Havens. Hierarchical arc consistency: exploiting structured domains in constraint satisfaction problems. *Computational Intelligence*, 1(1):118–126, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Havens:1985:TSL

[13] William Havens. A theory of schema labelling. *Computational Intelligence*, 1(1):127–139, January 1985. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saint-Dizier:1986:ESS

[14] Patrick Saint-Dizier. Expression of syntactic and semantic features in logic-based grammars. *Computational Intelligence*, 2(1):1–8, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lesperance:1986:TCI

[15] Yves Lespérance. Toward a computational interpretation of situation semantics. *Computational Intelligence*, 2(1):9–27, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Popowich:1986:UGG

[16] Fred P. Popowich. Unrestricted gapping grammars. *Computational Intelligence*, 2(1):28–53, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Halvorsen:1986:NLU

[17] Per-Kristian Halvorsen. Natural language understanding and Montague grammar[1,2]. *Computational Intelligence*, 2(1):54–62, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jones:1986:AAE

[18] Marlene Jones. Ai approaches to education: editorial. *Computational Intelligence*, 2(1):63–64, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hofmeister:1986:FED

[19] Alan M. Hofmeister. Formative evaluation in the development and validation of expert systems in education. *Computational Intelligence*, 2(1):65–67, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Glasgow:1986:PLL

[20] J. I. Glasgow, M. A. Jenkins, and L. J. Hendren. A programming language for learning environments. *Computational Intelligence*, 2(1):68–75, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McCalla:1986:DSA

[21] Gordon I. McCalla, Richard B. Bunt, and Janelle J. Harms. The design of the scent automated advisor. *Computational Intelligence*, 2(1):76–92, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schuster:1986:RNG

[22] Ethel Schuster. The role of native grammars in correcting errors in second language learning. *Computational Intelligence*, 2(1):93–98, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Palies:1986:SMK

[23] Odile Paliès, Michel Caillot, Evelyne Cauzinille-Marmèche, Jean-Louis Laurière, and Jacques Mathieu. Student modelling by a knowledge-based system. *Computational Intelligence*, 2(1):99–107, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gentner:1986:CTB

[24] Donald R. Gentner. Coach: a tutor based on active schemas. *Computational Intelligence*, 2(1):108–116, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bregar:1986:KSI

[25] William S. Bregar, Arthur M. Farley, and Garland Bayley. Knowledge sources for an intelligent algebra tutor. *Computational Intelligence*, 2 (1):117–129, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Flynn:1986:RAC

[26] Anita M. Flynn and John G. Harris. Recognition algorithms for the connection machine. *Computational Intelligence*, 2(1):131–135, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sterling:1986:ESE

[27] Leon Sterling and Marucha Lalee. An explanation shell for expert systems. *Computational Intelligence*, 2(1):136–141, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Frisch:1986:PRQ

[28] Alan M. Frisch. Parsing with restricted quantification: an initial demonstration. *Computational Intelligence*, 2(1):142–150, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dhar:1986:UKG

[29] Vasant Dhar. Using knowledge generated in heuristic search for nonchronological backtracking. *Computational Intelligence*, 2(1):151–158, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Strzalkowski:1986:FCE

[30] Tomek Strzalkowski and Nick Cercone. A framework for computing extrasentential references. *Computational Intelligence*, 2(1):159–179, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Perlis:1986:CCR

[31] Donald Perlis. On the consistency of commonsense reasoning. *Computational Intelligence*, 2(1):180–190, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bersohn:1986:LRG

[32] Malcolm Bersohn. Learning rules for graph transformations by induction from examples. *Computational Intelligence*, 2(1):191–195, February 1986. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Murray:1987:APD

[33] William R. Murray. Automatic program debugging for intelligent tutoring systems. *Computational Intelligence*, 3(1):1–16, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Macmillan:1987:ASI

[34] Stuart A. Macmillan and Derek H. Sleeman. An architecture for a self-improving instructional planner for intelligent tutoring systems. *Computational Intelligence*, 3(1):17–27, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Martin:1987:LLI

[35] F. A. Martin. Liy: learn-it-yourself software interfaces. *Computational Intelligence*, 3(1):28–34, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Coopera:1987:MRM

[36] Robin Coopera. Meaning representation in Montague grammar and situation semantics. *Computational Intelligence*, 3(1):35–44, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Woolf:1987:RCK

[37] Beverly P. Woolf. Representing complex knowledge in an intelligent machine tutor. *Computational Intelligence*, 3(1):45–55, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hadley:1987:GLM

[38] Robert F. Hadley. Gödel, Lucas, and mechanical models of the mind. *Computational Intelligence*, 3(1):57–63, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Patel-Schneider:1987:HDL

[39] Peter F. Patel-Schneider. A hybrid, decidable, logic-based knowledge representation system. *Computational Intelligence*, 3(1):64–77, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Levesque:1987:ETK

[40] Hector J. Levesque and Ronald J. Brachman. Expressiveness and tractability in knowledge representation and reasoning. *Computational Intelligence*, 3(1):78–93, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Etherington:1987:DCR

[41] David W. Etherington and Robert E. Mercer. Domain circumscription: a reevaluation. *Computational Intelligence*, 3(1):94–99, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Loui:1987:DAA

[42] R. P. Loui. Defeat among arguments: a system of defeasible inference. *Computational Intelligence*, 3(1):100–106, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Raatz:1987:PIR

[43] Stan Raatz and George Drastal. Patterns of interaction in rule-based expert system programming. *Computational Intelligence*, 3(1):107–116, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carberry:1987:PMT

[44] Sandra Carberry. Pragmatic modeling: toward a robust natural language interface. *Computational Intelligence*, 3(1):117–136, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chan:1987:ELP

[45] Kwok Hung Chan. Equivalent logic programs and symmetric homogeneous forms of logic programs with equality. *Computational Intelligence*, 3(1):137–145, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Levesque:1987:TIG

[46] Hector Levesque. Taking issue: Guest Editor's introduction. *Computational Intelligence*, 3(1):149–150, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McDermott:1987:CPR

[47] Drew McDermott. A critique of pure reason. *Computational Intelligence*, 3(1):151–160, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See comments [50, 56, 69, 137, 55, 57, 59, 60, 62, 64, 68, 71] and reply [74].

Allen:1987:LAW

[48] James F. Allen and Henry A. Kautz. Logicism is alive and well. *Computational Intelligence*, 3(1):161–162, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bobrow:1987:SBR

[49] Daniel G. Bobrow and Mark J. Stefik. Searching beyond reason. *Computational Intelligence*, 3(1):162–165, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bowen:1987:ULR

[50] Kenneth A. Bowen. On the use of logic: reflections on McDermott's critique of pure reason. *Computational Intelligence*, 3(1):165–168, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Brachman:1987:MOT

[51] Ronald J. Brachman. The myth of the one true logic. *Computational Intelligence*, 3(1):168–172, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Charniak:1987:LE

[52] Eugene Charniak. Logic and explanation. *Computational Intelligence*, 3 (1):172–174, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

deKleer:1987:DNI

[53] Johan de Kleer. In defence of nonmonotnic inference. *Computational Intelligence*, 3(1):174–175, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Doyle:1987:LRR

[54] Jon Doyle. Logic, rationality, and rational psychology. *Computational Intelligence*, 3(1):175–176, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Forbus:1987:LVL

[55] Kenneth D. Forbus. Logic versus logicism: a reply to McDermott. *Computational Intelligence*, 3(1):176–178, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Hayes:1987:CPT

[56] Patrick J. Hayes. A critique of pure treason. *Computational Intelligence*, 3(1):179–185, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47] and reply [137].

Hewitt:1987:MML

[57] Carl Hewitt. Metacritique of McDermott and the logicist approach. *Computational Intelligence*, 3(1):185–189, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Hinton:1987:MHI

[58] Geoffrey E. Hinton. Models of human inference. *Computational Intelligence*, 3(1):189–190, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hobbs:1987:RDM

[59] Jerry R. Hobbs. A reply to Drew McDermott. *Computational Intelligence*, 3(1):190–192, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Israel:1987:MFC

[60] David Israel. On McDermott's first critique. *Computational Intelligence*, 3(1):192–194, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Kowalski:1987:BRC

[61] Robert Kowalski. Belief revision without constraints. *Computational Intelligence*, 3(1):194–196, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McCarthy:1987:CM

[62] John McCarthy and Vladimir Lifschitz. Commentary on McDermott. *Computational Intelligence*, 3(1):196–197, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Moore:1987:CC

[63] Robert C. Moore. A critique critiqued. *Computational Intelligence*, 3 (1):198–201, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nilsson:1987:CM

[64] Nils J. Nilsson. Commentary on McDermott. *Computational Intelligence*, 3(1):202–203, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Pentland:1987:NPN

[65] Alex Pentland. From naive physics to naive physics. *Computational Intelligence*, 3(1):204–205, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Poole:1987:UL

[66] David Poole. The use of logic. *Computational Intelligence*, 3(1):205–206, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Reiter:1987:MLB

[67] Raymond Reiter. Must logicists become programmers? *Computational Intelligence*, 3(1):206–207, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rosenschein:1987:LCK

[68] Stanley J. Rosenschein. The logicist conception of knowledge is too narrow — but so is McDermott's. *Computational Intelligence*, 3(1):208–210, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Schubert:1987:RCP

[69] Lenhart K. Schubert. Remarks on a critique of pure reason by Drew McDermott. *Computational Intelligence*, 3(1):210–214, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Smith:1987:TLL

[70] Brian Cantwell Smith. Two lessons of logic. *Computational Intelligence*, 3(1):214–218, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Stickel:1987:RM

[71] Mark E. Stickel and W. Mabry Tyson. In reply to McDermott. *Computational Intelligence*, 3(1):219–220, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Waldinger:1987:BT

[72] Richard Waldinger. The bomb in the toilet. *Computational Intelligence*, 3(1):220–221, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Winograd:1987:LIP

[73] Terry Winograd. Logic isn't the problem. *Computational Intelligence*, 3 (1):221–222, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McDermott:1987:RRC

[74] Drew McDermott. (reply (replies (critique (pure reason)))). *Computational Intelligence*, 3(1):223–227, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47].

Woods:1987:DBT

[75] W. A. Woods. Don't blame the tool. *Computational Intelligence*, 3(1): 228–237, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rendell:1987:PIM

[76] Larry Rendell. The papers of this issue on machine learning: editorial. *Computational Intelligence*, 3(1):239–240, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rendell:1987:SBL

[77] Larry Rendell. Similarity-based learning and its extensions. *Computational Intelligence*, 3(1):241–266, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abbott:1987:CMI

[78] Lynn Abbott. Cohesion methods in inductive learning. *Computational Intelligence*, 3(1):267–282, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Matheus:1987:LAN

[79] Christopher J. Matheus and William E. Hohensee. Learning in artificial neural systems. *Computational Intelligence*, 3(1):283–294, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Banerji:1987:DRE

[80] Ranan B. Banerji. A discussion of a report by Ehud Shapiro. *Computational Intelligence*, 3(1):295–303, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Watanabe:1987:IAL

[81] Satosi Watanabe. Inductive ambiguity and the limits of artificial intelligence. *Computational Intelligence*, 3(1):304–309, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Delgrande:1987:FAA

[82] James P. Delgrande. A foundational approach to autonomous knowledge acquisition. *Computational Intelligence*, 3(1):310–329, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Connell:1987:LCD

[83] Margaret E. Connell, E. Connell, and Paul E. Utgoff. Learning to control a dynamic physical system. *Computational Intelligence*, 3(1):330–337, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Iba:1987:CTM

[84] Wayne Iba and Pat Langley. A computational theory of motor learning. *Computational Intelligence*, 3(1):338–350, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Purswani:1987:RBA

[85] Krish Purswani and Larry Rendell. A reasoning-based approach to machine learning. *Computational Intelligence*, 3(1):351–366, February 1987. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cercone:1988:EE

[86] Nick Cercone and Gord McCalla. Editorial/ Éditorial. *Computational Intelligence*, 4(1):iii–iv, February 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lukaszewicz:1988:CDL

[87] Witold Łukaszewicz. Considerations on default logic: an alternative approach. *Computational Intelligence*, 4(1):1–16, February 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hadley:1988:LOS

[88] Robert F. Hadley. Logical omniscience, semantics, and models of belief. *Computational Intelligence*, 4(1):17–30, February 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

desRivieres:1988:CST

[89] Jim des Rivières and Hector J. Levesque. The consistency of syntactical treatments of knowledge (how to compile quantificational modal logics into classical FOL). *Computational Intelligence*, 4(1):31–41, February 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Epstein:1988:LDO

[90] Susan L. Epstein. Learning and discovery: one system's search for mathematical knowledge. *Computational Intelligence*, 4(1):42–53, February 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McLeish:1988:I

[91] Mary McLeish. Introduction. *Computational Intelligence*, 4(2):57, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheeseman:1988:ICU

[92] Peter Cheeseman. An inquiry into computer understanding. *Computational Intelligence*, 4(2):58–66, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See comments [93, 94, 95, 96, 98, 100, 101, 102, 104, 111, 112, 113, 114, 172, 97] and replies [116, 175].

Aleliunas:1988:CPC

[93] Romas Aleliunas. Comments on Peter Cheeseman's *An inquiry into computer understanding*. *Computational Intelligence*, 4(2):67–69, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Bundy:1988:PTL

[94] Alan Bundy. Probability, truth, and logic: reply to Cheeseman. *Computational Intelligence*, 4(2):69–70, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Dalkey:1988:CIC

[95] N. C. Dalkey. Comments on *An inquiry into computer understanding* by Peter Cheeseman. *Computational Intelligence*, 4(2):70–71, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Dempster:1988:CIC

[96] A. P. Dempster. Comments on *An inquiry into computer understanding* by Peter Cheeseman. *Computational Intelligence*, 4(2):72–73, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Dubois:1988:CIC

[97] D. Dubois and H. Prade. Comments on *An inquiry into computer understanding*. *Computational Intelligence*, 4(2):73–76, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Ginsberg:1988:RCI

[98] Matthew L. Ginsberg. Reply to Cheeseman's *An inquiry into computer understanding*. *Computational Intelligence*, 4(2):77–78, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Greiner:1988:AUU

[99] Russell Greiner. Against the unjustified use of probabilities. *Computational Intelligence*, 4(2):79–83, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hayes:1988:CPC

[100] Patrick J. Hayes. Comments on Peter Cheeseman's *An inquiry into computer understanding*. *Computational Intelligence*, 4(2):83–84, May 1988.

CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Israel:1988:C

[101] David Israel. On Cheeseman. *Computational Intelligence*, 4(2):85–87, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Kanal:1988:DCI

[102] Laveen Kanal and Donald Perlis. Discussion of Cheeseman's *An inquiry into computer understanding*. *Computational Intelligence*, 4(2):87–89, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Kyburg:1988:LLR

[103] Henry Kyburg. Liberty, license, and reason. *Computational Intelligence*, 4(2):89–90, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McDermott:1988:CCW

[104] Drew McDermott. Comments on Cheeseman: why plausible reasoning $\neq$ Bayesian inference. *Computational Intelligence*, 4(2):91–92, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

McLeish:1988:PB

[105] D. L. McLeish. In praise of Bayes. *Computational Intelligence*, 4(2): 92–93, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Morgan:1988:PTV

[106] Charles G. Morgan. Probability theory versus procedural pessimism. *Computational Intelligence*, 4(2):94–97, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Neufeld:1988:CLP

[107] Eric Neufeld and David Poole. Combining logic and probability. *Computational Intelligence*, 4(2):98–99, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pearl:1988:LP

[108] Judea Pearl. On logic and probability. *Computational Intelligence*, 4(2): 99–103, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rendell:1988:RIC

[109] Larry Rendell. Reply to an inquiry into computer understanding. *Computational Intelligence*, 4(2):103–105, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ruspini:1988:IUW

[110] Enrique H. Ruspini. Intelligent understanding and wishful thinking: the dangers of epistemological alchemy. *Computational Intelligence*, 4(2): 105–117, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schubert:1988:CTT

[111] Lenhart K. Schubert. Cheeseman: a travesty of truth. *Computational Intelligence*, 4(2):118–121, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Shafer:1988:CIC

[112] Glenn Shafer. Comments on *An inquiry into computer understanding* by Peter Cheeseman. *Computational Intelligence*, 4(2):121–124, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Spiegelhalter:1988:CIC

[113] David J. Spiegelhalter. Comments on *An inquiry into computer understanding* by Peter Cheeseman. *Computational Intelligence*, 4(2):124–125, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Yager:1988:RPC

[114] Ronald R. Yager. Response to Peter Cheeseman's *An inquiry into computer understanding*. *Computational Intelligence*, 4(2):125, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Zadeh:1988:ICU

[115] L. A. Zadeh. An inquiry into computer understanding: a partial dissent. *Computational Intelligence*, 4(2):126–128, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheeseman:1988:DIC

[116] Peter Cheeseman. In defense of *An inquiry into computer understanding*. *Computational Intelligence*, 4(2):129–142, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Saint-Dizier:1988:GAI

[117] Patrick Saint-Dizier. A glance at artificial intelligence in France: editorial. *Computational Intelligence*, 4(2):143–145, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Darcel:1988:OCM

[118] Nelly Darcel and Marie-Cl. Escarabajal. Obade: cognitive modelling with objects. *Computational Intelligence*, 4(2):146–157, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kayser:1988:WKT

[119] Daniel Kayser. What kind of thing is a concept? *Computational Intelligence*, 4(2):158–165, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rousset:1988:CKB

[120] Marie-Christine Rousset. On the consistency of knowledge bases: the covadis system. *Computational Intelligence*, 4(2):166–170, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dubois:1988:FS

[121] Didier Dubois and Henri Prade. On fuzzy syllogisms. *Computational Intelligence*, 4(2):171–179, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zaharin:1988:TAP

[122] Yusoff Zaharin. Towards an analyzer (parser) in a machine translation system based on ideas from expert systems. *Computational Intelligence*, 4(2):180–191, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Herman:1988:QAS

[123] P. Herman, G. Sabah, and A. Vilnat. A question-answering system for the French Yellow Pages. *Computational Intelligence*, 4(2):192–204, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fournier:1988:PUW

[124] J. P. Fournier, P. Herman, G. Sabah, A. Vilnat, N. Burgaud, and M. Gilloux. Processing of unknown words in a natural language question-answering system. *Computational Intelligence*, 4(2):205–211, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cornuejols:1988:MLR

[125] Antoine P. Cornuejols. Machine learning research at the Laboratoire de Recherche en Informatique at Orsay, France. *Computational Intelligence*, 4(2):212–221, May 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McArthur:1988:RAK

[126] Gregory L. McArthur. Reasoning about knowledge and belief: a survey. *Computational Intelligence*, 4(3):223–243, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dubois:1988:RCU

[127] Didler Dubois and Henri Prade. Representation and combination of uncertainty with belief functions and possibility measures. *Computational Intelligence*, 4(3):244–264, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ginsberg:1988:MLU

[128] Matthew L. Ginsberg. Multivalued logics: a uniform approach to reasoning in artificial intelligence. *Computational Intelligence*, 4(3):265–316, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wilkins:1988:SIP

[129] David E. Wilkins. Special issue on planning: an introduction. *Computational Intelligence*, 4(3):317–318, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lansky:1988:LEB

[130] Amy L. Lansky. Localized event-based reasoning for multiagent domain. *Computational Intelligence*, 4(3):319–340, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Drummond:1988:ETC

[131] Mark Drummond and Ken Currie. Exploiting temporal coherence in nonlinear plan construction. *Computational Intelligence*, 4(3):341–348, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bratman:1988:PRB

[132] Michael E. Bratman, David J. Israel, and Martha E. Pollack. Plans and resource-bounded practical reasoning. *Computational Intelligence*, 4(3): 349–355, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pednault:1988:SPC

[133] Edwin P. D. Pednault. Synthesizing plans that contain actions with context-dependent effects. *Computational Intelligence*, 4(3):356–372, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wilkins:1988:CRP

[134] David E. Wilkins. Casual reasoning in planning. *Computational Intelligence*, 4(3):373–380, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dean:1988:HPI

[135] Thomas Dean, R. James Firby, and David Miller. Hierarchical planning involving deadlines, travel time, and resources. *Computational Intelligence*, 4(3):381–398, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Goebel:1988:ECL

[136] Randy Goebel. Exhuming the criticism of the logicist. *Computational Intelligence*, 4(3):401–404, September 1988. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Flannagan:1988:FLR

[137] Tim Flannagan. Fiat Lux: a reply to McDermott's *A critique of pure reason*. *Computational Intelligence*, 4(3):404–414, September 1988. CO-

DEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [47, 56].

Doyle:1989:CBR

[138] Jon Doyle. Constructive belief and rational representation. *Computational Intelligence*, 5(1):1–11, January 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Han:1989:CGL

[139] Jiawei Han. Compiling general linear recursions by variable connection graph analysis. *Computational Intelligence*, 5(1):12–31, January 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Konolige:1989:RDE

[140] Kurt Konolige and Karen Myers. Representing defaults with epistemic concepts. *Computational Intelligence*, 5(1):32–44, January 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ben-David:1989:LCM

[141] Arie Ben-David, Leon Sterling, and Yoh-Han Pao. Learning and classification of monotonic ordinal concepts. *Computational Intelligence*, 5 (1):45–49, January 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kibler:1989:IBP

[142] Dennis Kibler, David W. Aha, and Marc K. Albert. Instance-based prediction of real-valued attributes. *Computational Intelligence*, 5(2): 51–57, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Matwin:1989:KAI

[143] Stan Matwin, Franz Oppacher, and Patrick Constant. Knowledge acquisition by incremental learning from problem-solution pairs. *Computational Intelligence*, 5(2):58–66, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gordon:1989:EBG

[144] Diana Gordon and Donald Perlis. Explicitly biased generalization. *Computational Intelligence*, 5(2):67–81, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hamilton:1989:IMS

[145] Sharon J. Hamilton and James P. Delgrande. An investigation of modal structures as an alternative semantic basis for epistemic logics. *Computational Intelligence*, 5(2):82–96, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Poole:1989:EPA

[146] David Poole. Explanation and prediction: an architecture for default and abductive reasoning. *Computational Intelligence*, 5(2):97–110, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McIlraith:1989:QDM

[147] Sheila A. McIlraith. Qualitative data modeling: application of a mechanism for interpreting graphical data. *Computational Intelligence*, 5(2): 111–120, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bischof:1989:CMS

[148] Walter F. Bischof and Mario Ferraro. Curved Mondrians: shading analysis of patterned objects. *Computational Intelligence*, 5(2):121–126, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Knudsen:1989:EUG

[149] Erik Knudsen. Expressing unrestricted grammars by extended definite clause grammars. *Computational Intelligence*, 5(2):127–133, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bengio:1989:UMN

[150] Yoshua Bengio and Renato De Mori. Use of multilayer networks for the recognition of phonetic features and phonemes. *Computational Intelligence*, 5(2):134–141, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dean:1989:MRA

[151] Thomas Dean and Keiji Kanazawa. A model for reasoning about persistence and causation. *Computational Intelligence*, 5(2):142–150, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Halpern:1989:LPK

[152] Joseph Y. Halpern and David A. McAllester. Likelihood, probability, and knowledge. *Computational Intelligence*, 5(2):151–160, February 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dahl:1989:DG

[153] Verónica Dahl. Discontinuous grammars. *Computational Intelligence*, 5(3):161–179, September 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Delgrande:1989:NEC

[154] James P. Delgrande. A note on evidence and confirmation in machine learning. *Computational Intelligence*, 5(3):180–187, September 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nadel:1989:CSA

[155] Bernard A. Nadel. Constraint satisfaction algorithms. *Computational Intelligence*, 5(3):188–224, September 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Allen:1989:MPI

[156] James F. Allen and Patrick J. Hayes. Moments and points in an interval-based temporal logic. *Computational Intelligence*, 5(3):225–238, September 1989. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Klingbeil:1990:ERC

[157] Norbert Klingbeil and Jonathan Schaeffer. Empirical results with conspiracy numbers. *Computational Intelligence*, 6(1):1–11, February 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:1990:FPK

[158] Qiang Yang. Formalizing planning knowledge for hierarchical planning. *Computational Intelligence*, 6(1):12–24, February 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zukerman:1990:PAG

[159] Ingrid Zukerman. A predictive approach for the generation of rhetorical devices. *Computational Intelligence*, 6(1):25–40, February 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vere:1990:BA

[160] Steven Vere and Timothy Bickmore. A basic agent. *Computational Intelligence*, 6(1):41–60, February 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wu:1990:LPA

[161] Peter Y. F. Wu and W. Randolph Franklin. A logic programming approach to cartographic map overlay. *Computational Intelligence*, 6(2):61–70, May 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saint-Dizier:1990:DPL

[162] Patrick Saint-Dizier. Dislog: programming in logic with discontinuities. *Computational Intelligence*, 6(2):71–80, May 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pu:1990:ICA

[163] Pearl Pu. Intelligent computer-aided-design systems: a synergical approach of artificial intelligénce and engineering. *Computational Intelligence*, 6(2):81–90, May 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lang:1990:BGW

[164] Sherman Y. T. Lang and Andrew K. C. Wong. Building geometric world models with graph synthesis for sensor fusion in mobile robots. *Computational Intelligence*, 6(2):91–107, May 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Miller:1990:TR

[165] Stephanie A. Miller and Lenhart K. Schubert. Time revisited. *Computational Intelligence*, 6(2):108–118, May 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chan:1990:ASA

[166] Keith C. C. Chan and Andrew K. C. Wong. Apacs: a system for the automatic analysis and classification of conceptual patterns. *Computational Intelligence*, 6(3):119–131, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

VanBeek:1990:EAR

[167] Peter Van Beek and Robin Cohen. Exact and approximate reasoning about temporal relations. *Computational Intelligence*, 6(3):132–144, Au-

gust 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Strzalkowski:1990:RLG

[168] Tomek Strzalkowski. Reversible logic grammars for natural language parsing and generation. *Computational Intelligence*, 6(3):145–171, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schwind:1990:FGS

[169] Camilla B. Schwind. Feature grammars for semantic analysis. *Computational Intelligence*, 6(3):172–178, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mcleish:1990:TIR

[170] Mary Mcleish. Taking issue revisited. *Computational Intelligence*, 6(3): 179, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dubois:1990:RR

[171] D. Dubois and H. Prade. Reply to rejoinder. *Computational Intelligence*, 6(3):179, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bacchus:1990:PLR

[172] Fahiem Bacchus. Probability and logic: a reply to Cheeseman. *Computational Intelligence*, 6(3):180–183, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Schubert:1990:RR

[173] L. K. Schubert. Reply to rejoinder. *Computational Intelligence*, 6(3): 180, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Halpern:1990:LMF

[174] Joseph Y. Halpern. Let many flowers bloom: a response to an inquiry into computer understanding. *Computational Intelligence*, 6(3):184–188, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheeseman:1990:IER

[175] Peter C. Cheeseman. On the importance of evidence: a response to Halpern. *Computational Intelligence*, 6(3):188–192, August 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [92].

Kobsa:1990:MUC

[176] Alfred Kobsa. Modeling the user's conceptual knowledge in BGP-MS, a user modeling shell system. *Computational Intelligence*, 6(4):193–208, November 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bacchus:1990:LLR

[177] Fahiem Bacchus. Lp, a logic for representing and reasoning with statistical knowledge. *Computational Intelligence*, 6(4):209–231, November 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wilkins:1990:CAP

[178] David E. Wilkins. Can AI planners solve practical problems? *Computational Intelligence*, 6(4):232–246, November 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rendell:1990:LHC

[179] Larry Rendell and Raj Seshu. Learning hard concepts through constructive induction: framework and rationale. *Computational Intelligence*, 6 (4):247–270, November 1990. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Doyle:1991:MAQ

[180] Jon Doyle and Elisha P. Sacks. Markov analysis of qualitative dynamics. *Computational Intelligence*, 7(1):1–10, February 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sattar:1991:UCL

[181] Abdul Sattar and Randy Goebel. Using crucial literals to select better theories. *Computational Intelligence*, 7(1):11–22, February 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dwyer:1991:DPR

[182] Michael W. Dwyer. Denkprothesen: on programs that reason. *Computational Intelligence*, 7(1):23–38, February 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bandopadhay:1991:EPU

[183] Amit Bandopadhay and Dana H. Ballard. Egomotion perception using visual tracking. *Computational Intelligence*, 7(1):39–47, February 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schmolze:1991:NE

[184] James G. Schmolze and William S. Mark. The NIKL experience. *Computational Intelligence*, 7(1):48–70, February 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Paris:1991:RUD

[185] Cécile L. Paris. The role of the user's domain knowledge in generation. *Computational Intelligence*, 7(2):71–93, May 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Morgan:1991:LPT

[186] Charles G. Morgan. Logic, probability theory, and artificial intelligence — part i: the probabilistic foundations of logic. *Computational Intelligence*, 7(2):94–109, May 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Young:1991:DIE

[187] Mark A. Young and Robin Cohen. Determining intended evidence relations in natural language arguments. *Computational Intelligence*, 7(2):110–118, May 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cai:1991:LRD

[188] Yandong Cai, Nick Cercone, and Jiawei Han. Learning in relational databases: an attribute-oriented approach. *Computational Intelligence*, 7(3):119–132, August 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Console:1991:SLD

[189] Luca Console and Pietro Torasso. A spectrum of logical definitions of model-based diagnosis. *Computational Intelligence*, 7(3):133–141, August 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:1991:MDI

[190] Liwu Li and Jia-Huai You. Making default inferences from logic programs. *Computational Intelligence*, 7(3):142–153, August 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schaerf:1991:NGM

[191] Marco Schaerf. Notes on Ginsberg's multivalued logics. *Computational Intelligence*, 7(3):154–159, August 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fagin:1991:UBP

[192] Ronald Fagin and Joseph Y. Halpern. Uncertainty, belief, and probability. *Computational Intelligence*, 7(3):160–173, August 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cerans:1991:SLI

[193] Karlis H. Cerans and Carl H. Smith. Self-learning inductive inference machines. *Computational Intelligence*, 7(3):174–180, August 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

BACkstrOM:1991:PPT

[194] Christer Bäckström and Inger Klein. Planning in polynomial time: the SAS-PUBS class. *Computational Intelligence*, 7(3):181–197, August 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pattabhiraman:1991:ISI

[195] T. Pattabhiraman and Nick Cercone. Introduction to the special issue on natural language generation. *Computational Intelligence*, 7(4):199–206, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:1991:FSS

[196] Gijoo Yang, Kathleen F. McCoy, and K. Vijay-Shanker. From functional specification to syntactic structures: systemic grammar and tree adjoining grammar. *Computational Intelligence*, 7(4):207–219, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shieber:1991:GST

[197] Stuart M. Shieber and Yves Schabes. Generation and synchronous tree-adjoining grammars. *Computational Intelligence*, 7(4):220–228, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Smadja:1991:UCL

[198] Frank Smadja and Kathleen McKeown. Using collocations for language generation. *Computational Intelligence*, 7(4):229–239, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Reiter:1991:NML

[199] Ehud Reiter. A new model of lexical choice for nouns. *Computational Intelligence*, 7(4):240–251, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dale:1991:CDG

[200] Robert Dale and Nicholas Haddock. Content determination in the generation of referring expressions. *Computational Intelligence*, 7(4):252–265, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Maybury:1991:TTS

[201] Mark T. Maybury. Topical, temporal, and spatial constraints on linguistic realization. *Computational Intelligence*, 7(4):266–275, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zukerman:1991:UMC

[202] Ingrid Zukerman. Using meta-comments to generate fluent text in a technical domain. *Computational Intelligence*, 7(4):276–295, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Meteer:1991:BGG

[203] Marie W. Meteer. Bridging the generation gap between text planning and linguistic realization. *Computational Intelligence*, 7(4):296–304, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kittredge:1991:NDC

[204] Richard Kittredge, Tanya Korelsky, and Owen Rambow. On the need for domain communication knowledge. *Computational Intelligence*, 7(4):305–314, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Suthers:1991:TAH

[205] Daniel D. Suthers. A task-appropriate hybrid architecture for explanation. *Computational Intelligence*, 7(4):315–333, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mooney:1991:CHL

[206] David J. Mooney, Sandra Carberry, and Kathleen F. McCoy. Capturing high-level structure of naturally occurring, extended explanations using bottom-up strategies. *Computational Intelligence*, 7(4):334–356, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kempen:1991:CRG

[207] Gerard Kempen. Conjunction reduction and gapping in clause-level coordination: an inheritance-based approach. *Computational Intelligence*, 7 (4):357–360, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McDonald:1991:OTO

[208] David D. McDonald. One tree-one unit: a hypothesis for the conceptual sources underlying generation. *Computational Intelligence*, 7(4):361–362, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hovy:1991:RTC

[209] Eduard Hovy. Recent trends in computational research on monologic discourse structure. *Computational Intelligence*, 7(4):363–366, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Moore:1991:RES

[210] Johanna D. Moore and Cecile L. Paris. Requirements for an expert system explanation facility. *Computational Intelligence*, 7(4):367–370, November 1991. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kean:1992:ABR

[211] Alex Kean and George Tsiknis. Assumption-based reasoning and clause management systems. *Computational Intelligence*, 8(1):1–24, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cooper:1992:SRC

[212] Paul R. Cooper. Structure recognition by connectionist relaxation: Formal analysis. *Computational Intelligence*, 8(1):25–40, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Baral:1992:CKB

[213] Chitta Baral, Sarit Kraus, Jack Minker, and V. S. Subrahmanian. Combining knowledge bases consisting of first-order theories. *Computational Intelligence*, 8(1):45–71, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cercone:1992:I

[214] Nick Cercone and T. Pattabhiraman. Introduction. *Computational Intelligence*, 8(1):72–76, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Patten:1992:TTC

[215] Terry Patten, Michael L. Geis, and Barbara D. Becker. Toward a theory of compilation for natural language generation. *Computational Intelligence*, 8(1):77–101, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sibun:1992:GTT

[216] Penelope Sibun. Generating text without trees. *Computational Intelligence*, 8(1):102–122, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Okada:1992:SGB

[217] Naoyuki Okada and Tsutomu Endo. Story generation based on dynamics of the mind. *Computational Intelligence*, 8(1):123–160, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ward:1992:SNA

[218] Nigel Ward. Some neglected aspects of the generation task. *Computational Intelligence*, 8(1):161–171, February 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Weld:1992:QPA

[219] Daniel S. Weld. Qualitative physics: Albatross or eagle? *Computational Intelligence*, 8(2):175–186, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sacks:1992:PFQ

[220] Elisha P. Sacks and Jon Doyle. Prolegomena to any future qualitative physics. *Computational Intelligence*, 8(2):187–209, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See comments [240, 222, 242, 225, 226, 228, 228, 230, 232, 234, 236, 237, 242, 245].

Williams:1992:NVO

[221] Brian C. Williams, Mark Shirley, Olivier Raiman, Brian Falkenhainer, Johan de Kleer, and Daniel G. Bobrow. Narrow views, old tasks, and new beginnings. *Computational Intelligence*, 8(2):210–215, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chandrasekaran:1992:QMT

[222] B. Chandrasekaran. QP is more than SPQR and dynamical systems theory: Response to Sacks and Doyle. *Computational Intelligence*, 8(2): 216–222, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Zippel:1992:CPF

[223] Richard Zippel. Comments on “Prolegomena to any future qualitative physics”. *Computational Intelligence*, 8(2):223–226, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheeseman:1992:QQP

[224] Peter Cheeseman. From qualitative to quantitative physics. *Computational Intelligence*, 8(2):227–229, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yip:1992:RPF

[225] Kenneth Yip and Drew McDermott. Response to “Prolegomena to any future qualitative physics” by Elisha Sacks and Jon Doyle. *Computational Intelligence*, 8(2):230–232, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Forbus:1992:PFP

[226] Kenneth D. Forbus. The physics of futures past: a response to Sacks and Doyle. *Computational Intelligence*, 8(2):233–252, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Ginsberg:1992:PFP

[227] Matthew L. Ginsberg. Prolegomena to any future prolegomena. *Computational Intelligence*, 8(2):253–256, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hayes:1992:SMR

[228] Pat Hayes. Straw men: a response to Sacks and Doyle. *Computational Intelligence*, 8(2):257–258, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Struss:1992:QRH

[229] Peter Struss. The qualitative reasoning hypothesis: a response to Sacks' and Doyle's "Prolegomena". *Computational Intelligence*, 8(2):259–265, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Joskowicz:1992:SFC

[230] Leo Joskowicz. On shooting flies with cannon balls and elephants with rubber bands: a reply to "Prolegomena to any future qualitative physics" by E. Sacks and J. Doyle. *Computational Intelligence*, 8(2):266–269, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Steier:1992:SRM

[231] David Steier. A strategy for research on model formulation. *Computational Intelligence*, 8(2):270–276, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wellman:1992:WQR

[232] Michael P. Wellman. Whither qualitative reasoning?: a response to Sacks and Doyle. *Computational Intelligence*, 8(2):277–280, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Iwasaki:1992:QPB

[233] Yumi Iwasaki. Qualitative physics beyond automated mathematics. *Computational Intelligence*, 8(2):281–283, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kramer:1992:RSD

[234] Mark A. Kramer. Reply to Sacks and Doyle, "Prolegomena to any future qualitative physics". *Computational Intelligence*, 8(2):284–285, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Olsen:1992:RPR

[235] Gregory Olsen, Mark Cutkosky, and Subbarao Kambhampati. Real physics for real engineers: Response to "Prolegomena to any future qualitative physics". *Computational Intelligence*, 8(2):286–288, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kuipers:1992:GCV

[236] Benjamin Kuipers and James Crawford. Guaranteed coverage versus intelligent sampling: a reply to Sacks and Doyle. *Computational Intelligence*, 8(2):289–294, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Kramer:1992:CPS

[237] Glenn A. Kramer. Comments on "Prolegomena" by Sacks and Doyle. *Computational Intelligence*, 8(2):295–297, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Ward:1992:TRQ

[238] Allen C. Ward. Three radical quibbles with the "Prolegomena… ". *Computational Intelligence*, 8(2):298–300, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Leitch:1992:WEI

[239] Roy Leitch. Whose expertise is it anyway? *Computational Intelligence*, 8(2):301–305, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hermann:1992:SCS

[240] Robert Hermann. Some comments on the Sacks–Doyle article "Prolegomena to any future qualitative physics". *Computational Intelligence*, 8(2):306–307, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Kalagnanam:1992:DQR

[241] Jayant Are. Kalagnanam and Herbert A. Simon. Directions for qualitative reasoning. *Computational Intelligence*, 8(2):308–315, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Davis:1992:RPF

[242] Earnest Davis. Response to "Prolegomena to any future qualitative physics," by Elisha Sacks and Jon Doyle. *Computational Intelligence*, 8(2):316–318, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Faltings:1992:MEM

[243] Boi Faltings. Mechanical engineering is more than differential equations. *Computational Intelligence*, 8(2):319–321, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mavrovouniotis:1992:SFE

[244] Michael L. Mavrovouniotis. Some features of expert reasoning in qualitative physics. *Computational Intelligence*, 8(2):322–325, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sacks:1992:E

[245] Elisha P. Sacks and Jon Doyle. Epilegomenon. *Computational Intelligence*, 8(2):326–335, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [220].

Cohen:1992:UDF

[246] William W. Cohen. Using distribution-free learning theory to analyze solution-path caching mechanisms. *Computational Intelligence*, 8(2):336–375, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Doyle:1992:RRR

[247] Jon Doyle. Rationality and its roles in reasoning. *Computational Intelligence*, 8(2):376–409, May 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fass:1992:ISI

[248] Dan Fass, James Martin, and Elizabeth Hinkelman. Introduction to the special issue on non-literal language. *Computational Intelligence*, 8 (3):411–415, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lytinen:1992:RLM

[249] Steven L. Lytinen, Robert R. Burridge, and Jeffrey D. Kirtner. The role of literal meaning in the comprehension of non-literal constructions. *Computational Intelligence*, 8(3):416–432, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

vanderLinden:1992:INL

[250] Erik-Jan van der Linden. Idioms, non-literal language and knowledge representation. *Computational Intelligence*, 8(3):433–453, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chin:1992:PPU

[251] David N. Chin. Pau: Parsing and understanding with uniform syntactic, semantic, and idiomatic representations. *Computational Intelligence*, 8

(3):456–476, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Iverson:1992:MIA

[252] Eric Iverson and Stephen Helmreich. Metallel: an integrated approach to non-literal phrase interpretation. *Computational Intelligence*, 8(3):477–493, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Veale:1992:CSS

[253] Tony Veale and Mark T. Keane. Conceptual scaffolding: a spatially founded meaning representation for metaphor comprehension. *Computational Intelligence*, 8(3):494–519, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Barnden:1992:BMT

[254] John A. Barnden. Belief in metaphor: Taking commonsense psychology seriously. *Computational Intelligence*, 8(3):520–552, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Russell:1992:MCD

[255] Sylvia Weber Russell. Metaphoric coherence: Distinguishing verbal metaphor from “Anomaly”. *Computational Intelligence*, 8(3):553–574, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Traum:1992:CAT

[256] David R. Traum and Elizabeth A. Hinkelman. Conversation acts in task-oriented spoken dialogue. *Computational Intelligence*, 8(3):575–599, August 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sidebottom:1992:HAC

[257] Greg Sidebottom and William S. Havens. Hierarchical arc consistency for disjoint real intervals in constraint logic programming. *Computational Intelligence*, 8(4):601–623, November 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Breese:1992:CBD

[258] John S. Breese. Construction of belief and decision networks. *Computational Intelligence*, 8(4):624–647, November 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:1992:MSG

[259] Qiang Yang, Dana S. Nau, and James Hendler. Merging separately generated plans with restricted interactions. *Computational Intelligence*, 8 (4):648–676, November 1992. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ben-David:1993:RBO

[260] Arie Ben-David. The relation between ordinal problem space sizes and the maximum number of ordinal classification rules. *Computational Intelligence*, 9(1):1–10, February 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kean:1993:CMS

[261] Alex Kean and George Tsiknis. Clause management systems (CMS). *Computational Intelligence*, 9(1):11–40, February 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Plexousakis:1993:SOC

[262] Dimitr Plexousakis. Semantical and ontological considerations in Telos: a language for knowledge representation. *Computational Intelligence*, 9 (1):41–72, February 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Boutilier:1993:SSI

[263] Craig Boutilier. On the semantics of stable inheritance reasoning. *Computational Intelligence*, 9(1):73–110, February 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lapalme:1993:UFL

[264] Guy Lapalme and Fabrice Lavier. Using a functional language for parsing and semantic processing. *Computational Intelligence*, 9(2):111–131, May 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

VanBeek:1993:PCC

[265] Peter Van Beek, Robin Cohen, and Ken Schmidt. From plan critiquing to clarification dialogue for cooperative response generation. *Computational Intelligence*, 9(2):132–154, May 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Golea:1993:PTA

[266] Mostefa Golea and Mario Marchand. Polynomial time algorithms for learning neural nets of nonoverlapping perceptrons. *Computational In-*

telligence, 9(2):155–170, May 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xiang:1993:MSB

[267] Yang Xiang, David Poole, and Michael P. Beddoes. Multiply sectioned Bayesian networks and junction forests for large knowledge-based systems. *Computational Intelligence*, 9(2):171–220, May 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Williams:1993:TPT

[268] Colin Williams and Tad Hogg. The typicality of phase transitions in search. *Computational Intelligence*, 9(3):221–238, August 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kelleher:1993:LAW

[269] Gerry Kelleher and Linda van der Gaag. The LazyRMS: Avoiding work in the ATMS. *Computational Intelligence*, 9(3):239–253, August 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lin:1993:ABA

[270] Fangzhen Lin. An argument-based approach to nonmonotonic reasoning. *Computational Intelligence*, 9(3):254–267, August 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Prosser:1993:HAC

[271] Patrick Prosser. Hybrid algorithms for the constraint satisfaction problem. *Computational Intelligence*, 9(3):268–299, August 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:1993:NAE

[272] Anonymous. Note of appreciation from the Editors. *Computational Intelligence*, 9(4):301, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Narayanan:1993:ICC

[273] N. Hari Narayanan. Imagery: Computational and cognitive perspectives. *Computational Intelligence*, 9(4):303–308, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Glasgow:1993:IDR

[274] Janice I. Glasgow. The imagery debate revisited: a computational perspective. *Computational Intelligence*, 9(4):310–333, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cooper:1993:MRM

[275] Lynn A. Cooper. Multiple representations for mental imagery. *Computational Intelligence*, 9(4):334–336, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Harnad:1993:EGM

[276] Stevan Harnad. Exorcizing the ghost of mental imagery. *Computational Intelligence*, 9(4):337–339, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kosslyn:1993:ICI

[277] Stephen M. Kosslyn. Images in the computer and images in the brain. *Computational Intelligence*, 9(4):340–342, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lindsay:1993:DVI

[278] Robert K. Lindsay. Distinguishing visual imagery and spatial reasoning. *Computational Intelligence*, 9(4):343–345, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Reisberg:1993:CID

[279] Daniel Reisberg. Comments on "The imagery debate revisited: a computational perspective". *Computational Intelligence*, 9(4):346–348, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Slezak:1993:AI

[280] Peter Slezak. Artificial imagery? *Computational Intelligence*, 9(4):349–352, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Stenning:1993:DVD

[281] Keith Stenning. Depictive versus descriptive representations: a distinction, but what is the difference? *Computational Intelligence*, 9(4):353–355, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tarr:1993:PRW

[282] Michael J. Tarr. Is a picture really worth a thousand words? *Computational Intelligence*, 9(4):356–359, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Thagard:1993:RI

[283] Paul Thagard. Representing imagery. *Computational Intelligence*, 9(4): 360–361, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tversky:1993:SCC

[284] Barbara Tversky. Some challenges for a computational theory of imagery. *Computational Intelligence*, 9(4):362–365, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Clark:1993:SVS

[285] Peter Clark. The syntax versus semantics debate revisited? *Computational Intelligence*, 9(4):366–367, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dyer:1993:IDV

[286] Michael G. Dyer. The imagery debate viewed from a connectionist and language grounding perspective. *Computational Intelligence*, 9(4):368–371, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Faltings:1993:IOW

[287] Boi Faltings and Pearl Pu. Imagery for open-world spatial problems. *Computational Intelligence*, 9(4):372–376, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Forbus:1993:IS

[288] Kenneth D. Forbus. Image and substance. *Computational Intelligence*, 9 (4):377–378, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McDougal:1993:NAH

[289] Thomas F. McDougal and Kristian J. Hammond. Nested arrays: a hammer in search of a nail. *Computational Intelligence*, 9(4):379–380, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hayes:1993:CQS

[290] Patrick Hayes. I can't quite see what you mean. *Computational Intelligence*, 9(4):381–386, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Holte:1993:WWA

[291] Robert Holte and Bruce Porter. When and why are array representations advantageous? *Computational Intelligence*, 9(4):387–390, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Konolige:1993:NDM

[292] Kurt Konolige. A non-debate: Model-based representations are useful. *Computational Intelligence*, 9(4):391–393, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Levesque:1993:CWT

[293] Hector Levesque and Ray Reiter. A counterexample is worth a thousand words. *Computational Intelligence*, 9(4):394–397, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Novak:1993:CBR

[294] Gordon S. Novak, Jr. Computational and brain representations of imagery. *Computational Intelligence*, 9(4):398–401, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Waltz:1993:TFM

[295] David L. Waltz. Toward a Fuller and more useful account of mental imagery. *Computational Intelligence*, 9(4):402–405, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Goebel:1993:SVR

[296] Randy Goebel. Spatial and visual reasoning: Humans versus logic. *Computational Intelligence*, 9(4):406–412, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sloman:1993:VFK

[297] Aaron Sloman. Varieties of formalisms for knowledge representation. *Computational Intelligence*, 9(4):413–423, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Glasgow:1993:IAW

[298] Janice L. Glasgow. Imagery and ai — where do we go from here? *Computational Intelligence*, 9(4):424–435, November 1993. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Neufeld:1994:GEI

[299] Eric Neufeld. Guest Editor's introduction: Here's the ai. *Computational Intelligence*, 10(1):1–2, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kyburg:1994:BBE

[300] Henry E. Kyburg, Jr. Believing on the basis of the evidence. *Computational Intelligence*, 10(1):3–20, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See comments [318, 316, 312, 310, 315, 308, 305, 301, 307].

Bacchus:1994:RBB

[301] Fahiem Bacchus, Adam Grove, Joseph Y. Halpern, and Daphne Koller. A response to "Believing on the basis of the evidence". *Computational Intelligence*, 10(1):21–25, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Boutilier:1994:BBQ

[302] Craig Boutilier. Believing on the basis of qualitative rules: Commentary on Kyburg. *Computational Intelligence*, 10(1):26–32, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Cheeseman:1994:AA

[303] Peter Cheeseman. On accepting acceptance. *Computational Intelligence*, 10(1):33–38, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Delgrande:1994:GAH

[304] James P. Delgrande. On a general approach to hedged reasoning. *Computational Intelligence*, 10(1):39–45, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Doyle:1994:IAC

[305] Jon Doyle. Inference and acceptance: Comments on Kyburg's "Believing on the basis of the evidence". *Computational Intelligence*, 10(1):46–48, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Fetzer:1994:EPE

[306] James H. Fetzer. Evidential probabilities are not enough. *Computational Intelligence*, 10(1):49–52, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Goldszmidt:1994:HBK

[307] Moisés Goldszmidt. Hedges, background knowledge, and evidence: a reply to Kyburg's "Believing on the basis of the evidence". *Computational Intelligence*, 10(1):53–56, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Good:1994:CDH

[308] I. J. Good. Contribution to the discussion of Henry E. Kyburg, Jr.'s "Believing on the basis of the evidence". *Computational Intelligence*, 10 (1):57–58, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Hadley:1994:JPC

[309] Robert F. Hadley. Justification, probability, and consistency. *Computational Intelligence*, 10(1):59–62, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Israel:1994:CK

[310] David Israel. Commentary on Kyburg. *Computational Intelligence*, 10 (1):63–69, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Levi:1994:HA

[311] Isaac Levi. Hedging acceptance. *Computational Intelligence*, 10(1):70–76, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Loui:1994:KV

[312] Ronald Loui. Kyburg and Volkswagens. *Computational Intelligence*, 10 (1):77–78, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Morgan:1994:EBI

[313] Charles G. Morgan. Evidence, belief, and inference. *Computational Intelligence*, 10(1):79–84, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pollock:1994:RPE

[314] John L. Pollock. The role of probability in epistemology. *Computational Intelligence*, 10(1):85–91, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shenoy:1994:DKB

[315] Prakash P. Shenoy. Discussion of Kyburg's "Believing on the basis of the evidence". *Computational Intelligence*, 10(1):92–93, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Smets:1994:BBE

[316] Phillipe Smets. Believing on the basis of evidence: Answer to Kyburg's paper. *Computational Intelligence*, 10(1):94–98, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Stein:1994:PE

[317] Lynn Andrea Stein. Philosophy as engineering. *Computational Intelligence*, 10(1):99–102, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wellman:1994:KAR

[318] Michael P. Wellman. Kyburgian acceptance: a rejection, hedged. *Computational Intelligence*, 10(1):103–106, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [300].

Kyburg:1994:LSE

[319] Henry E. Kyburg. Logic, science, and engineering. *Computational Intelligence*, 10(1):107–115, February 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kalagnanam:1994:SDA

[320] Jayant Kalagnanam, Max Henrion, and Eswaran Subrahmanian. The scope of dimensional analysis in qualitative reasoning. *Computational Intelligence*, 10(2):117–133, May 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Martin:1994:MKB

[321] James H. Martin. Metabank: a knowledge-base of metaphoric language conventions. *Computational Intelligence*, 10(2):134–149, May 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zadrozny:1994:RBK

[322] Wlodek Zadrozny. Reasoning with background knowledge — a three-level theory. *Computational Intelligence*, 10(2):150–184, May 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ramshaw:1994:CRW

[323] Lance A. Ramshaw. Correcting real-word spelling errors using a model of the problem-solving context. *Computational Intelligence*, 10(2):185–211, May 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kambhampati:1994:ECS

[324] Subbarao Kambhampati. Exploiting causal structure to control retrieval and refitting during plan reuse. *Computational Intelligence*, 10(2):212–244, May 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:1994:ETC

[325] Qiang Yang and Cheryl Murray. An evaluation of the temporal coherence heuristic in partial-order planning. *Computational Intelligence*, 10(3):245–267, August 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lam:1994:LBB

[326] Wai Lam and Fahiem Bacchus. Learning Bayesian belief networks: an approach based on the MDL principle. *Computational Intelligence*, 10(3):269–293, August 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

ORorke:1994:AEB

[327] Paul O'Rorke. Abduction and explanation-based learning: Case studies in diverse domains. *Computational Intelligence*, 10(3):295–330, August 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Froidevaux:1994:DLU

[328] Christine Froidevaux and Jérôme Mengin. Default logics: a unified view. *Computational Intelligence*, 10(3):331–369, August 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cercone:1994:TYC

[329] Nick Cercone and Gordon McCalla. Ten years of computational intelligence. *Computational Intelligence*, 10(4):I–VI, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Joshi:1994:P

[330] Aravind K. Joshi. Preface. *Computational Intelligence*, 10(4):VII–XV, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shieber:1994:RWG

[331] Stuart M. Shieber. Restricting the weak-generative capacity of synchronous tree-adjoining grammars. *Computational Intelligence*, 10(4): 371–385, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rambow:1994:WOV

[332] Owen Rambow and Young-Suk Lee. Word order variation and tree-adjoining grammar. *Computational Intelligence*, 10(4):386–400, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rogers:1994:OTT

[333] James Rogers and K. Vijay-Shanker. Obtaining trees from their descriptions: an application to tree-adjoining grammars. *Computational Intelligence*, 10(4):401–421, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Becker:1994:NAM

[334] Tilman Becker. A new automaton model for tags: 2-SA. *Computational Intelligence*, 10(4):422–430, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Weir:1994:LIP

[335] David J. Weir. Linear iterated pushdowns. *Computational Intelligence*, 10(4):431–439, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kaji:1994:CCU

[336] Yuichi Kaji, Ryuichi Nakanishi, Hiroyuki Seki, and Tadao Kasami. The computational complexity of the universal recognition problem for parallel multiple context-free grammars. *Computational Intelligence*, 10(4):

440–452, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Frank:1994:NSS

[337] Robert Frank and Anthony Kroch. Nominal structures and structural recursion. *Computational Intelligence*, 10(4):453–470, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abeille:1994:SSH

[338] Anne Abeillé. Syntax or semantics? Handling nonlocal dependencies with mctags or synchronous tags. *Computational Intelligence*, 10(4): 471–485, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lang:1994:RCH

[339] Bernard Lang. Recognition can be harder than parsing. *Computational Intelligence*, 10(4):486–494, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Johnson:1994:LEP

[340] Mark Johnson. Logical embedded push-down automata in tree-adjoining grammar parsing. *Computational Intelligence*, 10(4):495–505, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schabes:1994:LRP

[341] Yves Schabes. Left to right parsing of lexicalized tree-adjoining grammars. *Computational Intelligence*, 10(4):506–524, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

vanNoord:1994:HCP

[342] Gertjan van Noord. Head-corner parsing for tag. *Computational Intelligence*, 10(4):525–534, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Minnen:1994:PLR

[343] Guido Minnen. Predictive left-to-right parsing of a restricted variant of TAG(LD/LP). *Computational Intelligence*, 10(4):535–548, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Poller:1994:IPL

[344] Peter Poller. Incremental parsing with LD/TLP-TAGs. *Computational Intelligence*, 10(4):549–562, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pitsch:1994:LPC

[345] Gisela Pitsch. LL(k)-parsing of coupled-context-free grammars. *Computational Intelligence*, 10(4):563–578, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Harbusch:1994:TIG

[346] Karin Harbusch. Toward an integrated generation approach with tree-adjoining grammars. *Computational Intelligence*, 10(4):579–590, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kilger:1994:UUI

[347] Anne Kilger. Using utags for incremental and parallel generation. *Computational Intelligence*, 10(4):591–603, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kikui:1994:SHD

[348] Gen ichiro Kikui. A semantic head-driven generation system for feature structure tree-adjoining grammars. *Computational Intelligence*, 10(4): 604–618, November 1994. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Neufeld:1995:SPA

[349] Eric Neufeld. Simpson's Paradox in artificial intelligence and in real life. *Computational Intelligence*, 11(1):1–10, February 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Giordano:1995:LCT

[350] Laura Giordano and Alberto Martelli. A logical characterization for truth maintenance systems with dependency-directed backtracking. *Computational Intelligence*, 11(1):11–46, February 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Delgrande:1995:FLE

[351] James P. Delgrande. A framework for logics of explicit belief. *Computational Intelligence*, 11(1):47–88, February 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fernandez:1995:CPS

[352] José Alberto Fernández, Jack Minker, and Adnan Yahya. Computing perfect and stable models using ordered model trees. *Computational In-*

telligence, 11(1):89–112, February 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Krause:1995:LAR

[353] Paul Krause, Simon Ambler, Morten Elvang-Goransson, and John Fox. A logic of argumentation for reasoning under uncertainty. *Computational Intelligence*, 11(1):113–131, February 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kraus:1995:DBN

[354] Sarit Kraus and Daniel Lehmann. Designing and building a negotiating automated agent. *Computational Intelligence*, 11(1):132–171, February 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shih:1995:CPB

[355] Timothy Shih, Nam Ling, Ruth Davis, and Fuyau Lin. On the construction of a Prolog-based verifier for systolic array designs. *Computational Intelligence*, 11(1):172–221, February 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ziarko:1995:ISI

[356] Wojciech Ziarko. Introduction to the special issue on rough sets and knowledge discovery. *Computational Intelligence*, 11(2):223–226, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pawlak:1995:VUR

[357] Zdzislaw Pawlak. Vagueness and uncertainty: a rough set perspective. *Computational Intelligence*, 11(2):227–232, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Beaubouef:1995:ERD

[358] Theresa Beaubouef, Frederick E. Petry, and Bill P. Buckles. Extension of the relational database and its algebra with rough set techniques. *Computational Intelligence*, 11(2):233–245, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Godin:1995:ICF

[359] Robert Godin, Rokia Missaoui, and Hassan Alaoui. Incremental concept formation algorithms based on Galois (concept) lattices. *Computational Intelligence*, 11(2):246–267, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Grzymala-Busse:1995:UML

[360] Dobroslawa M. Grzymala-Busse and Jerzy W. Grzymala-Busse. The usefulness of a machine learning approach to knowledge acquisition. *Computational Intelligence*, 11(2):268–279, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hamilton:1995:EDP

[361] Howard J. Hamilton and David R. Fudger. Estimating DBLEARN's potential for knowledge discovery in databases. *Computational Intelligence*, 11(2):280–296, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Herment:1995:HIL

[362] Michel Herment and Ewa Orlowska. Handling information logics in a graphical proof editor. *Computational Intelligence*, 11(2):297–322, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hu:1995:LRD

[363] Xiaohua Hu and Nick Cercone. Learning in relational databases: a rough set approach. *Computational Intelligence*, 11(2):323–338, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jelonek:1995:RSR

[364] Jacek Jelonek, Krzysztof Krawiec, and Roman Słowiński. Rough set reduction of attributes and their domains for neural networks. *Computational Intelligence*, 11(2):339–347, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Plonka:1995:RBS

[365] L. Plonka and A. Mrozek. Rule-based stabilization of the inverted pendulum. *Computational Intelligence*, 11(2):348–356, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shan:1995:DBA

[366] Ning Shan and Wojciech Ziarko. Data-based acquisition and incremental modification of classification rules. *Computational Intelligence*, 11(2): 357–370, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Skowron:1995:ELD

[367] A. Skowron. Extracting laws from decision tables: a rough set approach. *Computational Intelligence*, 11(2):371–388, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tsumoto:1995:PPR

[368] S. Tsumoto and H. Tanaka. Primerose: Probabilistic rule induction method based on rough sets and resampling methods. *Computational Intelligence*, 11(2):389–405, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wong:1995:MUI

[369] S. K. M. Wong, L. S. Wang, and Y. Y. Yao. On modeling uncertainty with interval structures. *Computational Intelligence*, 11(2):406–426, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xiang:1995:QUC

[370] Y. Xiang, S. K. M. Wong, and N. Cercone. Quantification of uncertainty in classification rules discovered from databases. *Computational Intelligence*, 11(2):427–441, May 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gerevini:1995:CML

[371] Alfonso Gerevini and Lenhart Schubert. On computing the minimal labels in time point algebra networks. *Computational Intelligence*, 11 (3):443–448, August 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Snow:1995:IMB

[372] Paul Snow. An intuitive motivation of Bayesian belief models. *Computational Intelligence*, 11(3):449–459, August 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Haas:1995:ELQ

[373] Andrew R. Haas. An epistemic logic with quantification over names. *Computational Intelligence*, 11(3):460–497, August 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Qi:1995:NMI

[374] Runping Qi and David Poole. A new method for influence diagram evaluation. *Computational Intelligence*, 11(3):498–528, August 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Terenziani:1995:TAT

[375] Paolo Terenziani and Pietro Torasso. Time, action-types, and causation: an integrated analysis. *Computational Intelligence*, 11(3):529–552, August 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:1995:NAE

[376] Anonymous. Note of appreciation from the Editors. *Computational Intelligence*, 11(4):iii, November 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hirsch:1995:IAK

[377] Robin Hirsch. Intractability in the Allen and Koomen planner. *Computational Intelligence*, 11(4):553–564, November 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cherian:1995:IBM

[378] Sunil Cherian and Wade Troxell. Intelligent behavior in machines emerging from a collection of interactive control structures. *Computational Intelligence*, 11(4):565–592, November 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Haas:1995:PFR

[379] Andrew R. Haas. Planning to find the referents of noun phrases. *Computational Intelligence*, 11(4):593–624, November 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Backstrom:1995:CRS

[380] Christer Bäckström and Bernhard Nebel. Complexity results for SAS$^+$ planning. *Computational Intelligence*, 11(4):625–655, November 1995. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pell:1996:ISI

[381] Barney Pell, Susan L. Epstein, and Robert Levinson. Introduction to the special issue on games: Structure and learning. *Computational Intelligence*, 12(1):1–6, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alus:1996:GMS

[382] L. V. Alus, H. J. van den Herik, and M. P. H. Huntjens. Go-moku solved by new search techniques. *Computational Intelligence*, 12(1):7–23,

February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gasser:1996:SNM

[383] Ralph Gasser. Solving Nine Men's Morris. *Computational Intelligence*, 12(1):24–41, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fawcett:1996:KBF

[384] Tom E. Fawcett. Knowledge-based feature discovery for evaluation functions. *Computational Intelligence*, 12(1):42–64, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Morales:1996:LPS

[385] Eduardo M. Morales. Learning playing strategies in chess. *Computational Intelligence*, 12(1):65–87, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Markovitch:1996:LRA

[386] Shaul Markovitch and Yaron Sella. Learning of resource allocation strategies for game playing. *Computational Intelligence*, 12(1):88–105, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Smith:1996:PAD

[387] S. J. J. Smith, D. S. Nau, and T. A. Throop. A planning approach to declarer play in contract bridge. *Computational Intelligence*, 12(1): 106–130, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Blair:1996:PRP

[388] Jean R. S. Blair, David Mutchler, and Michael van Lent. Perfect recall and pruning in games with imperfect information. *Computational Intelligence*, 12(1):131–154, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Levinson:1996:GGP

[389] Robert Levinson. General game-playing and reinforcement learning. *Computational Intelligence*, 12(1):155–176, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pell:1996:SMP

[390] Barney Pell. A strategic metagame player for general chess-like games. *Computational Intelligence*, 12(1):177–198, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Epstein:1996:PBL

[391] Susan L. Epstein, Jack Gelfand, and Joanna Lesniak. Pattern-based learning and spatially oriented concept formation in a multi-agent, decision-making expert. *Computational Intelligence*, 12(1):199–221, February 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ziarko:1996:MCA

[392] Wojciech Ziarko and Ning Shan. A method for computing all maximally general rules in attribute-value systems. *Computational Intelligence*, 12 (2):223–234, May 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Orgun:1996:TDD

[393] Mehmet A. Orgun. On temporal deductive databases. *Computational Intelligence*, 12(2):235–259, May 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:1996:LMC

[394] Shouhong Wang. Learning monotonic-concave interval concepts using the back-propagation neural networks. *Computational Intelligence*, 12 (2):260–272, May 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Delisle:1996:ISA

[395] Sylvain Delisle, Ken Barker, Terry Copek, and Stan Szpakowicz. Interactive semantic analysis of technical texts. *Computational Intelligence*, 12(2):273–306, May 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:1996:IEA

[396] Qiang Yang, Josh D. Tenenberg, and Steven Woods. On the implementation and evaluation of AbTweak. *Computational Intelligence*, 12(2): 307–330, May 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Song:1996:SAT

[397] Fei Song and Robin Cohen. A strengthened algorithm for temporal reasoning about plans. *Computational Intelligence*, 12(2):331–356, May 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Goodwin:1996:ATI

[398] Scott D. Goodwin and Howard J. Hamilton. It's about time: an introduction to the special issue on temporal representation and reasoning. *Computational Intelligence*, 12(3):357–358, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chittaro:1996:ETR

[399] L. Chittaro and A. Montanari. Efficient temporal reasoning in the cached event calculus. *Computational Intelligence*, 12(3):359–382, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chleq:1996:CRA

[400] Nicolas Chleq. Constrained resolution and abducttve temporal reasoning. *Computational Intelligence*, 12(3):383–406, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Leasure:1996:TRM

[401] David E. Leasure. Temporal reasoning with the modal logic Z. *Computational Intelligence*, 12(3):407–422, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lin:1996:LTR

[402] Shieu-Hong Lin and Thomas Dean. Localized temporal reasoning using subgoals and abstract events. *Computational Intelligence*, 12(3):423–449, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Morris:1996:DIT

[403] Robert A. Morris, William D. Shoaff, and Lina Khatib. Domain-independent temporal reasoning with recurring events. *Computational Intelligence*, 12(3):450–477, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Provetti:1996:HRA

[404] Alesssandro Provetti. Hypothetical reasoning about actions: from situation calculus to event calculus. *Computational Intelligence*, 12(3):478–

498, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tambe:1996:ETD

[405] Milind Tambe and Paul S. Rosenbloom. Event tracking in a dynamic multiagent environment. *Computational Intelligence*, 12(3):499–522, August 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:1996:NAE

[406] Anonymous. Note of appreciation from the Editors. *Computational Intelligence*, 12(4):i, November 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cordier:1996:VFO

[407] M. O. Cordier and S. Loiseau. Validation of first-order rule-based systems. *Computational Intelligence*, 12(4):523–540, November 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Luo:1996:CBB

[408] Chengjie Luo, Clement Yu, Jorge Lobo, Gaoming Wang, Tracy Pham, and Clement Yu. Computation of best bounds of probabilities from uncertain data. *Computational Intelligence*, 12(4):541–565, November 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Siegelmann:1996:RNN

[409] Hava T. Siegelmann. Recurrent neural networks and finite automata. *Computational Intelligence*, 12(4):567–574, November 1996. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gomez:1997:DPA

[410] Fernando Gomez, Carlos Segami, and Richard Hull. Determining prepositional attachment, prepositional meaning, verb meaning, and thematic roles. *Computational Intelligence*, 13(1):1–31, February 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dierbach:1997:ACM

[411] Charles Dierbach and Daniel L. Chester. Abstractional concept mapping: a foundational model for analogical reasoning. *Computational Intelligence*, 13(1):32–86, February 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kalita:1997:ISA

[412] Jugal K. Kalita and Joel C. Lee. An informal semantic analysis of motion verbs based on physical primitives. *Computational Intelligence*, 13(1): 87–125, February 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McDonald:1997:DRL

[413] Matthew A. F. McDonald and Philip Hingston. Discounted reinforcement learning does not scale. *Computational Intelligence*, 13(1):126–143, February 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Halpern:1997:CRD

[414] Joseph Y. Halpern. A critical reexamination of default logic, autoepistemic logic, and only knowing. *Computational Intelligence*, 13(1):144–163, February 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pelletier:1997:WSD

[415] Francis Jeffry Pelletier and Renée Elio. What should default reasoning be, by default? *Computational Intelligence*, 13(2):165–187, May 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Feret:1997:FME

[416] Michel P. Féret and Janice I. Glasgow. A formal model for experience–aided diagnosis. *Computational Intelligence*, 13(2):188–214, May 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kyburg:1997:CSS

[417] Henry E. Kyburg. Combinatorial semantics: Semantics for frequent validity. *Computational Intelligence*, 13(2):215–257, May 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Coupey:1997:ECD

[418] Pascal Coupey and Christophe Fouqueré. Extending conceptual definitions with default knowledge. *Computational Intelligence*, 13(2):258–299, May 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Iwanska:1997:ISI

[419] Lucja Iwanska and Wlodek Zadrozny. Introduction to the special issue on context in natural language processing. *Computational Intelligence*,

13(3):301–308, August 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Poesio:1997:CAD

[420] Massimo Poesio and David R. Traum. Conversational actions and discourse situations. *Computational Intelligence*, 13(3):309–347, August 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Iwanska:1997:RIN

[421] Lucja Iwanska. Reasoning with intensional negative adjectivals: Semantics, pragmatics, and context. *Computational Intelligence*, 13(3):348–390, August 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gurney:1997:IPU

[422] John Gurney, Don Perlis, and Khemdut Purang. Interpreting presuppositions using active logic: from contexts to utterances. *Computational Intelligence*, 13(3):391–413, August 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ferrari:1997:TCT

[423] Giacomo Ferrari. Types of contexts and their role in multimodal communication. *Computational Intelligence*, 13(3):414–426, August 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Akman:1997:UST

[424] Varol Akman and Mehmet Surav. The use of situation theory in context modeling. *Computational Intelligence*, 13(3):427–438, August 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zancanaro:1997:MII

[425] Massimo Zancanaro, Oliviero Stock, and Carlo Strapparava. Multimodal interaction for information access: Exploiting cohesion. *Computational Intelligence*, 13(4):439–464, November 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Trudel:1997:TKR

[426] André Trudel. A temporal knowledge representation approach based on elementary calculus. *Computational Intelligence*, 13(4):465–485, November 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Meisels:1997:DST

[427] Amnon Meisels, Jihad Ell-sana, and Ehud Gudes. Decomposing and solving timetabling constraint networks. *Computational Intelligence*, 13 (4):486–505, November 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cohen:1997:DRG

[428] Ariel Cohen. Default reasoning and generics. *Computational Intelligence*, 13(4):506–533, November 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cagan:1997:SAG

[429] Jonathan Cagan and Kenneth Kotovsky. Simulated annealing and the generation of the objective function: a model of learning during problem solving. *Computational Intelligence*, 13(4):534–581, November 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Feldman:1997:RBP

[430] Jacob Feldman. Regularity-based perceptual grouping. *Computational Intelligence*, 13(4):582–623, November 1997. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Loui:1998:PPR

[431] Ronald P. Loui. Process and policy: Resource-bounded NonDemonstrative reasoning. *Computational Intelligence*, 14(1):1–38, February 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pinto:1998:IDC

[432] Javier A. Pinto. Integrating discrete and continuous change in a logical framework. *Computational Intelligence*, 14(1):39–88, February 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

DiEugenio:1998:ARF

[433] Barbara Di Eugenio. An action representation formalism to interpret natural language instructions. *Computational Intelligence*, 14(1):89–133, February 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cimatti:1998:MSN

[434] A. Cimatti, F. Giunchiglia, and R. W. Weyhrauch. A many-sorted natural deduction. *Computational Intelligence*, 14(1):134–149, February 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Myers:1998:RAL

[435] Karen L. Myers and David E. Wilkins. Reasoning about locations in theory and practice. *Computational Intelligence*, 14(2):151–187, May 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Prieditis:1998:DFB

[436] Armand E. Prieditis. Depth-first branch-and-bound versus depth-bounded IDA: New results. *Computational Intelligence*, 14(2):188–206, May 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pang:1998:RRA

[437] Wanlin Pang and Andrè Trudel. Representing and reasoning about motion in a two-dimensional world. *Computational Intelligence*, 14(2):207–237, May 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lindsay:1998:UDU

[438] Robert K. Lindsay. Using diagrams to understand geometry. *Computational Intelligence*, 14(2):238–272, May 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Neufeld:1998:LP

[439] Eric Neufeld and Scott Goodwin. The 6–49 lottery paradox. *Computational Intelligence*, 14(3):273–286, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Singh:1998:TMT

[440] Munindar P. Singh. Toward a model theory of actions: How agents do it in branching time. *Computational Intelligence*, 14(3):287–317, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Culberson:1998:PD

[441] Joseph C. Culberson and Jonathan Schaeffer. Pattern databases. *Computational Intelligence*, 14(3):318–334, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Preller:1998:LNG

[442] Anne Preller, Marie Laure Mugnier, and Michel Chein. Logic for nested graphs. *Computational Intelligence*, 14(3):335–357, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Britanik:1998:AMP

[443] J. Britanik and M. Marefat. An approach for merging plans hierarchically in decomposable domains. *Computational Intelligence*, 14(3):358–391, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Haddawy:1998:UMG

[444] Peter Haddawy and Steve Hanks. Utility models for goal-directed, decision-theoretic planners. *Computational Intelligence*, 14(3):392–429, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gent:1998:AHN

[445] Ian P. Gent and Toby Walsh. Analysis of heuristics for number partitioning. *Computational Intelligence*, 14(3):430–451, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Snow:1998:CRC

[446] Paul Snow. On the correctness and reasonableness of Cox's theorem for finite domains. *Computational Intelligence*, 14(3):452–459, August 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:1998:R

[447] Anonymous. Referees. *Computational Intelligence*, 14(4):iii, November 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schweitzer:1998:UMI

[448] Haim Schweitzer and Janell Straach. Utilizing moment invariants and Gröbner bases to reason about shapes. *Computational Intelligence*, 14 (4):461–474, November 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:1998:PII

[449] Nevin Lianwen Zhang. Probabilistic inference in influence diagrams. *Computational Intelligence*, 14(4):475–497, November 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pollock:1998:PRA

[450] John L. Pollock. Perceiving and reasoning about a changing world. *Computational Intelligence*, 14(4):498–562, November 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cukierman:1998:ETI

[451] Diana Cukierman and James P. Delgrande. Expressing time intervals and repetition within a formalization of calendars. *Computational Intelligence*, 14(4):563–597, November 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fall:1998:FTE

[452] Andrew Fall. The foundations of taxonomic encoding. *Computational Intelligence*, 14(4):598–642, November 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:1998:TIV

[453] Anonymous. Title index, volume 14, 1998. *Computational Intelligence*, 14(4):643, November 1998. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fall:1999:KRU

[454] Andrew Fall and Guy Mineau. Knowledge retrieval, use and storage for efficiency. *Computational Intelligence*, 15(1):1–10, February 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cole:1999:SFC

[455] Richard Cole and Peter W. Eklund. Scalability in formal concept analysis. *Computational Intelligence*, 15(1):11–27, February 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Faid:1999:KDC

[456] Mourad Faïd, Rokia Missaoui, and Robert Godin. Knowledge discovery in complex objects. *Computational Intelligence*, 15(1):28–49, February 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Caseau:1999:EMI

[457] Yves Caseau, Michel Habib, Lhouari Nourine, and Olivier Raynaud. Encoding of multiple inheritance hierarchies and partial orders. *Computational Intelligence*, 15(1):50–62, February 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Valtchev:1999:AMI

[458] Petko Valtchev. An algorithm for minimal insertion in a type lattice. *Computational Intelligence*, 15(1):63–78, February 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Priss:1999:EIS

[459] Uta Priss. Efficient implementation of semantic relations in lexical databases. *Computational Intelligence*, 15(1):79–87, February 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kogure:1999:ISI

[460] Kiyoshi Kogure and Jun ichi Nakamura. Introduction to the special issue on PACLING '97. *Computational Intelligence*, 15(2):89–91, May 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shimohata:1999:RDS

[461] Sayori Shimohata, Toshiyuki Sugio, and Junji Nagata. Retrieving domain-specific collocations by co-occurrences and word order constraints. *Computational Intelligence*, 15(2):92–100, May 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yun:1999:RAS

[462] Bo-Hyun Yun, Yong-Jae Kwak, and Hae-Chang Rim. Resolving ambiguous segmentation of Korean compound nouns using statistics and rules. *Computational Intelligence*, 15(2):101–113, May 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jung:1999:PBA

[463] Hanmin Jung, Sanghwa Yuh, Taewan Kim, and Sangkyu Park. A pattern-based approach using compound unit recognition and its hybridization with rule-based translation. *Computational Intelligence*, 15 (2):114–127, May 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Naruedomkul:1999:ETT

[464] Kanlaya Naruedomkul, Nick Cercone, and Booncharoen Sirinaovakul. English–Thai translation: Initial experiments with a multiphase translation system. *Computational Intelligence*, 15(2):128–151, May 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Endo:1999:CUU

[465] Tsutomu Endo and Tsuneo Kagawa. Cooperative understanding of utterances and gestures in a dialogue-based problem solving system. *Computational Intelligence*, 15(2):152–169, May 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hansen:1999:TSP

[466] James V. Hansen, James B. McDonald, and Ray D. Nelson. Time series prediction with genetic-algorithm designed neural networks: an empirical comparison with modern statistical models. *Computational Intelligence*, 15(3):171–184, August 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carberry:1999:CUM

[467] Sandra Carberry, Jennifer Chu-Carroll, and Stephanie Elzer. Constructing and utilizing a model of user preferences in collaborative consultation dialogues. *Computational Intelligence*, 15(3):185–217, August 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shehory:1999:FFC

[468] Onn Shehory and Sarit Kraus. Feasible formation of coalitions among autonomous agents in nonsuperadditive environments. *Computational Intelligence*, 15(3):218–251, August 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tae:1999:EDK

[469] Kang Soo Tae, Diane J. Cook, and Lawrence B. Holder. Experimentation-driven knowledge acquisition for planning. *Computational Intelligence*, 15(3):252–279, August 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pinto:1999:CRC

[470] Javier Pinto. Compiling ramification constraints into effect axioms. *Computational Intelligence*, 15(3):280–307, August 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Marling:1999:ICB

[471] C. R. Marling, G. J. Petot, and L. S. Sterling. Integrating case-based and rule-based reasoning to meet multiple design constraints. *Computational Intelligence*, 15(3):308–332, August 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:1999:NAE

[472] Anonymous. Note of appreciation from the Editors. *Computational Intelligence*, 15(4):3, November 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

DeJong:1999:ACR

[473] Gerald DeJong. Ai can rival control theory for goal achievement in a challenging dynamical system. *Computational Intelligence*, 15(4):333–366, November 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tnennenholtz:1999:SCR

[474] Moshe Tnennenholtz. On social constraints for rational agents. *Computational Intelligence*, 15(4):367–383, November 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dalianis:1999:ANL

[475] Hercules Dalianis. Aggregation in natural language generation. *Computational Intelligence*, 15(4):384–414, November 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carpineto:1999:IDR

[476] Claudio Carpineto, Giovanni Romano, and Paolo D'Adamo. Inferring dependencies from relations: a conceptual clustering approach. *Computational Intelligence*, 15(4):415–441, November 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Console:1999:EPQ

[477] Luca Console and Paolo Terenziani. Efficient processing of queries and assertions about qualitative and quantitative temporal constraints. *Computational Intelligence*, 15(4):442–465, November 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:1999:TIV

[478] Anonymous. Title index for volume 15. *Computational Intelligence*, 15 (4):466–467, November 1999. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wilson:2000:IIB

[479] D. Randall Wilson and Tony R. Martinez. An integrated instance-based learning algorithm. *Computational Intelligence*, 16(1):1–28, February 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2000:UDI

[480] Yan Zhang and Norman Y. Foo. Updates with disjunctive information: from syntactical and semantical perspectives. *Computational Intelli-*

gence, 16(1):29–52, February 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Major:2000:CMP

[481] Raymond L. Major. A complexity model and a polynomial algorithm for decision-tree-based feature construction. *Computational Intelligence*, 16 (1):53–78, February 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cooper:2000:SDM

[482] Martin C. Cooper. Semantic distance measures. *Computational Intelligence*, 16(1):79–94, February 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Skuce:2000:IWB

[483] Doug Skuce. Integrating Web-based documents, shared knowledge bases, and information retrieval for user help. *Computational Intelligence*, 16 (1):95–113, February 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Singh:2000:NTS

[484] Sameer Singh. Noisy time-series prediction using pattern recognition techniques. *Computational Intelligence*, 16(1):114–133, February 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Morris:2000:ISI

[485] Robert A. Morris and Lina Khatib. Introduction to the special issue on time and temporal reasoning. *Computational Intelligence*, 16(2):135–136, May 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Becher:2000:QMT

[486] Gérard Becher, Françoise Clérin-Debart, and Patrice Enjalbert. A qualitative model for time granularity. *Computational Intelligence*, 16(2): 137–168, May 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kvarnstrom:2000:TQP

[487] Jonas Kvarnström and Patrick Doherty. Tackling the qualification problem using fluent dependency constraints. *Computational Intelligence*, 16 (2):169–209, May 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Terenziani:2000:ITR

[488] Paolo Terenziani. Integrated temporal reasoning with periodic events. *Computational Intelligence*, 16(2):210–256, May 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Morris:2000:CRA

[489] Robert A. Morris and Lina Khatib. Constraint reasoning about repeating events: Satisfaction and optimization. *Computational Intelligence*, 16(2): 257–278, May 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shahar:2000:MBV

[490] Yuval Shahar and Cleve Cheng. Model-based visualization of temporal abstractions. *Computational Intelligence*, 16(2):279–306, May 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cervesato:2000:GTT

[491] Iliano Cervesato, Massimo Franceschet, and Angelo Montanari. A guided tour through some extensions of the event calculus. *Computational Intelligence*, 16(2):307–347, May 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tawfik:2000:TRB

[492] Ahmed Y. Tawfik and Eric M. Neufeld. Temporal reasoning and Bayesian networks. *Computational Intelligence*, 16(3):349–377, August 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Williams:2000:PIM

[493] James S. Williams and Jugal K. Kalita. Parsing and interpretation in the minimalist paradigm. *Computational Intelligence*, 16(3):378–407, August 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kosseim:2000:CRS

[494] Leila Kosseim and Guy Lapalme. Choosing rhetorical structures to plan instructional texts. *Computational Intelligence*, 16(3):408–445, August 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ford:2000:SHN

[495] Marilyn Ford and David Billington. Strategies in human nonmonotonic reasoning. *Computational Intelligence*, 16(3):446–468, August 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Roos:2000:RCB

[496] Nico Roos. On resolving conflicts between arguments. *Computational Intelligence*, 16(3):469–497, August 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2000:NAE

[497] Anonymous. Note of appreciation from the Editors. *Computational Intelligence*, 16(4):iii, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cercone:2000:ISI

[498] Nick Cercone, Kiyoshi Kogure, and Kanlaya Naruedomkul. Introduction to the special issue on the 1999 Pacific association for computational linguistics conference. *Computational Intelligence*, 16(4):499–500, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Knott:2000:AFS

[499] Alistair Knott. An algorithmic framework for specifying the semantics of discourse relations. *Computational Intelligence*, 16(4):501–510, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kaufmann:2000:SOC

[500] Stefan Kaufmann. Second-order cohesion. *Computational Intelligence*, 16 (4):511–524, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Surette:2000:RPM

[501] Philip G. Surette and Robert E. Mercer. Realizing presuppositions in a Montague grammar-like fragment of English. *Computational Intelligence*, 16(4):525–551, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Huang:2000:PBC

[502] Xiangji Huang, Stephen Robertson, Nick Cercone, and Aijun An. Probability-based Chinese text processing and retrieval. *Computational Intelligence*, 16(4):552–569, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Murakoshi:2000:CDS

[503] Hiroyuki Murakoshi, Akira Shimazu, and Koichiro Ochimizu. Construction of deliberation structure in e-mail communication. *Computational Intelligence*, 16(4):570–577, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Manabu:2000:QBS

[504] Okumura Manabu and Mochizuki Hajime. Query-biased summarization based on lexical chaining. *Computational Intelligence*, 16(4):578–585, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Baluja:2000:AML

[505] Shumeet Baluja, Vibhu O. Mittal, and Rahul Sukthankar. Applying machine learning for high-performance named-entity extraction. *Computational Intelligence*, 16(4):586–595, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kohanim:2000:UIF

[506] Michel Kohanim and Julia Johnson. Using images as a foundation for natural language processing. *Computational Intelligence*, 16(4):596–605, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See letter [549].

Stein:2000:ITB

[507] Gees C. Stein, Tomek Strzalkowski, and G. Bowden Wise. Interactive, text-based summarization of multiple documents. *Computational Intelligence*, 16(4):606–613, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2000:TIV

[508] Anonymous. Title index for volume 16. *Computational Intelligence*, 16 (4):614, November 2000. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zukerman:2001:WDP

[509] Ingrid Zukerman and Richard McConachy. Wishful: a discourse planning system that considers a user's inferences. *Computational Intelligence*, 17 (1):1–61, February 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nantajeewarawat:2001:DIT

[510] Ekawit Nantajeewarawat and Vilas Wuwongse. Defeasible inheritance through specialization. *Computational Intelligence*, 17(1):62–86, February 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Keravnou:2001:ADU

[511] Elpida T. Keravnou and John Washbrook. Abductive diagnosis using time-objects: Criteria for the evaluation of solutions. *Computational Intelligence*, 17(1):87–131, February 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Michaud:2001:AMB

[512] François Michaud, Gérard Lachiver, and Chon Tam Le Dinh. Architectural methodology based on intentional configuration of behaviors. *Computational Intelligence*, 17(1):132–156, February 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nirenburg:2001:CLS

[513] Sergei Nirenburg and Victor Raskin. Choices for lexical semantics. *Computational Intelligence*, 17(1):157–177, February 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Snow:2001:RPP

[514] Paul Snow. The reasonableness of possibility from the perspective of Cox. *Computational Intelligence*, 17(1):178–192, February 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Leake:2001:ISI

[515] David B. Leake, Barry Smyth, David C. Wilson, and Qiang Yang. Introduction to the special issue on maintaining case-based reasoning systems. *Computational Intelligence*, 17(2):193–195, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wilson:2001:MCB

[516] David C. Wilson and David B. Leake. Maintaining case-based reasoners: Dimensions and directions. *Computational Intelligence*, 17(2):196–213, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Reinartz:2001:RRC

[517] Thomas Reinartz, Ioannis Iglezakis, and Thomas Roth-Berghofer. Review and restore for case-base maintenance. *Computational Intelligence*, 17(2):214–234, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Smyth:2001:CMM

[518] Barry Smyth and Elizabeth McKenna. Competence models and the maintenance problem. *Computational Intelligence*, 17(2):235–249, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2001:CAP

[519] Qiang Yang and Jun Zhu. A case-addition policy for case-base maintenance. *Computational Intelligence*, 17(2):250–262, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Portinale:2001:CBM

[520] Luigi Portinale and Pietro Torasso. Case-base maintenance in a multimodal reasoning system. *Computational Intelligence*, 17(2):263–279, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Munoz-Avila:2001:CBM

[521] Héctor Muñoz-Avila. Case-base maintenance by integrating case-index revision and case-retention policies in a derivational replay framework. *Computational Intelligence*, 17(2):280–294, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shiu:2001:TCK

[522] Simon C. K. Shiu, Daniel S. Yeung, Cai H. Sun, and Xi Z. Wang. Transferring case knowledge to adaptation knowledge: an approach for case-base maintenance. *Computational Intelligence*, 17(2):295–314, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ferrario:2001:DCB

[523] Maria Angela Ferrario and Barry Smyth. Distributing case-base maintenance: the collaborative maintenance approach. *Computational Intelligence*, 17(2):315–330, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McSherry:2001:ICA

[524] David McSherry. Intelligent case-authoring support in `CaseMaker-2`. *Computational Intelligence*, 17(2):331–345, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Craw:2001:MRK

[525] Susan Craw, Jacek Jarmulak, and Ray Rowe. Maintaining retrieval knowledge in a case-based reasoning system. *Computational Intelligence*, 17(2):346–363, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nick:2001:SMC

[526] Markus Nick, Klaus-Dieter Althoff, and Carsten Tautz. Systematic maintenance of corporate experience repositories. *Computational Intelligence*, 17(2):364–386, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Watson:2001:CSM

[527] Ian Watson. A case study of maintenance of a commercially fielded case-based reasoning system. *Computational Intelligence*, 17(2):387–398, May 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cercone:2001:P

[528] Nick Cercone, Andrzej Skowron, and Ning Zhong. Preface. *Computational Intelligence*, 17(3):399–400, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pawlak:2001:CRS

[529] Zdzisław Pawlak. Combining rough sets and Bayes' Rule. *Computational Intelligence*, 17(3):401–408, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

An:2001:RQM

[530] Aijun An and Nick Cercone. Rule quality measures for rule induction systems: Description and evaluation. *Computational Intelligence*, 17(3):409–424, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Grzymala-Busse:2001:CMA

[531] Jerzy W. Grzymala-Busse, Witold J. Grzymala-Busse, and Linda K. Goodwin. Coping with missing attribute values based on closest fit in

preterm birth data: a rough set approach. *Computational Intelligence*, 17(3):425–434, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lingras:2001:ARG

[532] Pawan Lingras and Cedric Davies. Applications of rough genetic algorithms. *Computational Intelligence*, 17(3):435–445, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2001:RPS

[533] Chunnian Liu and Ning Zhong. Rough problem settings for ILP dealing with imperfect data. *Computational Intelligence*, 17(3):446–459, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Maheswari:2001:VPR

[534] V. Uma Maheswari, Arul Siromoney, K. M. Mehata, and K. Inoue. The variable precision rough set inductive logic programming model and strings. *Computational Intelligence*, 17(3):460–471, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Polkowski:2001:RMC

[535] Lech Polkowski and Andrzej Skowron. Rough mereological calculi of granules: a rough set approach to computation. *Computational Intelligence*, 17(3):472–492, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Peters:2001:RNC

[536] J. F. Peters, L. Han, and S. Ramanna. Rough neural computing in signal analysis. *Computational Intelligence*, 17(3):493–513, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nguyen:2001:GCR

[537] Son H. Nguyen, Andrzej Skowron, and Jarosław Stepaniuk. Granular computing: a rough set approach. *Computational Intelligence*, 17(3): 514–544, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Stefanowski:2001:IIT

[538] Jerzy Stefanowski and Alexis Tsoukiàs. Incomplete information tables and rough classification. *Computational Intelligence*, 17(3):545–566, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sugihara:2001:IEA

[539] Kazutomi Sugihara and Hideo Tanaka. Interval evaluations in the analytic hierarchy process by possibility analysis. *Computational Intelligence*, 17(3):567–579, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yoshida:2001:EGC

[540] Tetsuya Yoshida, Teruyuki Kondo, and Shogo Nishida. Evolving granules for classification for discovering difference in the usage of words. *Computational Intelligence*, 17(3):580–592, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ziarko:2001:PDT

[541] Wojciech Ziarko. Probabilistic decision tables in the variable precision rough set model. *Computational Intelligence*, 17(3):593–603, August 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ye:2001:CLA

[542] Yiming Ye and John K. Tsotsos. A complexity-level analysis of the sensor planning task for object search. *Computational Intelligence*, 17(4): 605–620, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Davis:2001:CSC

[543] Darryl N. Davis. Control states and complete agent architectures. *Computational Intelligence*, 17(4):621–650, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

DeVos:2001:SFD

[544] Marina De Vos and Dirk Vermeir. Semantic forcing in disjunctive logic programs. *Computational Intelligence*, 17(4):651–684, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hu:2001:DMG

[545] Xiaohua Hu and Nick Cercone. Discovering maximal generalized decision rules through horizontal and vertical data reduction. *Computational Intelligence*, 17(4):685–702, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Euzenat:2001:GRF

[546] Jérôme Euzenat. Granularity in relational formalisms — with application to time and space representation. *Computational Intelligence*, 17(4):703–

738, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Panzarasa:2001:SMS

[547] Pietro Panzarasa, Nicholas R. Jennings, and Timothy J. Norman. Social mental shaping: Modelling the impact of sociality on the mental states of autonomous agents. *Computational Intelligence*, 17(4):738–782, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Levinson:2001:PWF

[548] Robert Levinson and Gil Fuchs. A pattern-weight formulation of search knowledge. *Computational Intelligence*, 17(4):783–811, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mansfield:2001:LEC

[549] Tracy C. Mansfield. Letter to the Editor of *Computational Intelligence*: Issues concerning Kohanim and Johnson's "Using images as a foundation for natural language processing" (Nov. 2000). *Computational Intelligence*, 17(4):812–817, November 2001. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [506].

Frawley:2002:CCD

[550] William Frawley. Control and cross-domain mental computation: Evidence from language breakdown. *Computational Intelligence*, 18(1):1–28, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See comments [554, 555, 557] and response [559].

Cooper:2002:CCM

[551] Richard Cooper. Control and communication in mental computation. *Computational Intelligence*, 18(1):29–31, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Stanlaw:2002:RTM

[552] James Stanlaw. The road not taken: a metaphor not a model (response to frawley). *Computational Intelligence*, 18(1):32–34, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aronoff:2002:CF

[553] Mark Aronoff. Comments on frawley. *Computational Intelligence*, 18 (1):35–38, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

VanDerLely:2002:SDC

[554] Heather K. J. Van Der Lely. SLI and deficits in the computational syntactic system: a comment on W. Frawley's "Control and cross-domain mental computation: Evidence from language breakdown". *Computational Intelligence*, 18(1):39–42, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [550].

Chandrasekaran:2002:REG

[555] B Chandrasekaran. Reach exceeds grasp: Comments on Frawley's "Control and cross-domain mental computation: Evidence from language breakdown". *Computational Intelligence*, 18(1):43–46, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [550].

Kovordanyi:2002:SIV

[556] Rita Kovordányi. Sequencing of information versus interfacing between processing levels. *Computational Intelligence*, 18(1):47–49, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Thomas:2002:DCD

[557] Michael S. C. Thomas. Development as a cause in developmental disorders: (commentary on "Control and cross-domain mental computation: Evidence from language breakdown" by William Frawley). *Computational Intelligence*, 18(1):50–54, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [550].

Perner:2002:IVE

[558] Josef Perner and Zoltan Dienes. Implicit versus explicit representation and intra- versus inter-modular processing. *Computational Intelligence*, 18(1):55–58, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Frawley:2002:MCL

[559] William Frawley. Mental computation and language breakdown: Clarifications, extensions, and responses. *Computational Intelligence*, 18(1): 59–87, February 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic). See [550].

Chaib-draa:2002:TAC

[560] B. Chaib-draa and F. Dignum. Trends in agent communication language. *Computational Intelligence*, 18(2):89–101, May 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gaspari:2002:ADS

[561] M. Gaspari. An ACL for a dynamic system of agents. *Computational Intelligence*, 18(2):102–119, May 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Flores:2002:CCM

[562] Roberto A. Flores and Robert C. Kremer. To commit or not to commit: Modeling agent conversations for action. *Computational Intelligence*, 18 (2):120–173, May 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kumar:2002:TFC

[563] Sanjeev Kumar, Marcus J. Huber, Philip R. Cohen, and David R. McGee. Toward a formalism for conversation protocols using joint intention theory. *Computational Intelligence*, 18(2):174–228, May 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Reed:2002:NSA

[564] Chris Reed, Timothy J. Norman, and Nicholas R. Jennings. Negotiating the semantics of agent communication languages. *Computational Intelligence*, 18(2):229–252, May 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cercone:2002:ISI

[565] Nick Cercone, Booncharoen Sirinaovakul, and Vilas Wuwongse. Introduction to the special issue. *Computational Intelligence*, 18(3):253, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Naruedomkul:2002:GRM

[566] Kanlaya Naruedomkul and Nick Cercone. Generate and repair machine translation. *Computational Intelligence*, 18(3):254–269, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Phokharatkul:2002:HTC

[567] Pisit Phokharatkul and Chom Kimpan. Handwritten Thai character recognition using Fourier descriptors and genetic neural networks. *Computational Intelligence*, 18(3):270–293, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sirinaovakul:2002:ETS

[568] Booncharoen Sirinaovakul and Kaewchai Chancharoen. English–Thai structure-based machine translation. *Computational Intelligence*, 18(3): 294–312, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Thubthong:2002:MIT

[569] Nuttakorn Thubthong, Boonserm Kijsirikul, and Apirath Pusittrakul. A method for isolated Thai tone recognition using a combination of neural networks. *Computational Intelligence*, 18(3):313–335, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Terenziani:2002:TUO

[570] Paolo Terenziani. Toward a unifying ontology dealing with both user-defined periodicity and temporal constraints about repeated events. *Computational Intelligence*, 18(3):336–385, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mali:2002:HPE

[571] Amol Dattatraya Mali. On the hybrid propositional encodings of planning. *Computational Intelligence*, 18(3):386–419, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Muller:2002:TST

[572] Philippe Muller. Topological spatio–temporal reasoning and representation. *Computational Intelligence*, 18(3):420–450, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Neumann:2002:STP

[573] Günter Neumann and Jakub Piskorski. A shallow text processing core engine. *Computational Intelligence*, 18(3):451–476, August 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Spencer:2002:ISI

[574] Bruce Spencer. Introduction to the special issue on agent technologies for electronic commerce. *Computational Intelligence*, 18(4):477–481, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Reeves:2002:AND

[575] Daniel M. Reeves, Michael P. Wellman, and Benjamin N. Grosof. Automated negotiation from declarative contract descriptions. *Computational*

Intelligence, 18(4):482–500, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Braynov:2002:CUL

[576] Sviatoslav Braynov and Tuomas Sandholm. Contracting with uncertain level of trust. *Computational Intelligence*, 18(4):501–514, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carter:2002:RFI

[577] Jonathan Carter, Elijah Bitting, and Ali A. Ghorbani. Reputation formalization for an information–sharing multi–agent system. *Computational Intelligence*, 18(4):515–534, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yu:2002:DRM

[578] Bin Yu and Munindar P. Singh. Distributed reputation management for electronic commerce. *Computational Intelligence*, 18(4):535–549, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tran:2002:ROR

[579] Thomas Tran and Robin Cohen. A reputation–oriented reinforcement learning strategy for agents in electronic marketplaces. *Computational Intelligence*, 18(4):550–565, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Brooks:2002:MSI

[580] Christopher H. Brooks, Robert S. Gazzale, Rajarshi Das, Jeffrey O. Kephart, Jeffrey K. MacKie-Mason, and Edmund H. Durfee. Model selection in an information economy: Choosing what to learn. *Computational Intelligence*, 18(4):566–582, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vassileva:2002:ARM

[581] Julita Vassileva, Silvia Breban, and Michael Horsch. Agent reasoning mechanism for long–term coalitions based on decision making and trust. *Computational Intelligence*, 18(4):583–595, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Huang:2002:DMU

[582] Pu Huang, Alan Scheller-Wolf, and Katia Sycara. Design of a multi-unit double auction e-market. *Computational Intelligence*, 18(4):596–617,

November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sim:2002:MDM

[583] Kwang Mong Sim. A market–driven model for designing negotiation agents. *Computational Intelligence*, 18(4):618–637, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carter:2002:ACI

[584] Jonathan Carter, Ali A. Ghorbani, and Stephen Marsh. Architectural components of information–sharing societies. *Computational Intelligence*, 18(4):638–655, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sandholm:2002:PEN

[585] Tuomas Sandholm. `eMediator`: a next generation electronic commerce server. *Computational Intelligence*, 18(4):656–676, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2002:TIV

[586] Anonymous. Title index, volumes 17 & 18. *Computational Intelligence*, 18(4):677–680, November 2002. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Minker:2003:MRR

[587] Jack Minker. In memoriam: Raymond Reiter. *Computational Intelligence*, 19(1):1–8, February 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kraus:2003:SNS

[588] Sarit Kraus and Orna Schechter. Strategic negotiation for sharing a resource between two agents. *Computational Intelligence*, 19(1):9–41, February 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lam:2003:HDL

[589] Wai Lam and Kwok Leung Yu. High-dimensional learning framework for adaptive document filtering. *Computational Intelligence*, 19(1):42–63, February 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2003:DSA

[590] Wenjie Li and Kam-Fai Wong. The design of a statistical algorithm for resolving structural ambiguity in "V NP_1 usde NP_0". *Computational Intelligence*, 19(1):64–85, February 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yun:2003:SBI

[591] Bo-Hyun Yun and Chang-Ho Seo. Semantic-based information retrieval for content management and security. *Computational Intelligence*, 19(2): 87–110, May 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McShane:2003:BOC

[592] Marjorie McShane and Sergei Nirenburg. Blasting open a choice space: Learning inflectional morphology for NLP. *Computational Intelligence*, 19(2):111–135, May 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lam:2003:WDF

[593] Wai Lam, Wei Wang, and Che-Wang Yue. Web discovery and filtering based on textual relevance feedback learning. *Computational Intelligence*, 19(2):136–163, May 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Choi:2003:IIU

[594] Ben Choi. Inductive inference by using information compression. *Computational Intelligence*, 19(2):164–185, May 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ting:2003:SPA

[595] Kai Ming Ting and Zijian Zheng. A study of `AdaBoost` with naive Bayesian classifiers: Weakness and improvement. *Computational Intelligence*, 19(2):186–200, May 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Snow:2003:BLP

[596] Paul Snow. Belief, logic, and partial truth. *Computational Intelligence*, 19(2):201–213, May 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carpineto:2003:MSR

[597] Claudio Carpineto and Giovanni Romano. Mining short-rule covers in relational databases. *Computational Intelligence*, 19(3):215–234, August 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

DeRosis:2003:CCD

[598] Fiorella De Rosis, Valeria Carofiglio, Giuseppe Grassano, and Cristiano Castelfranchi. Can computers deliberately deceive? A simulation tool and its application to Turing's Imitation Game. *Computational Intelligence*, 19(3):235–263, August 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vilalta:2003:EMC

[599] Ricardo Vilalta and Daniel Oblinger. Evaluation metrics in classification: a quantification of distance-bias. *Computational Intelligence*, 19(3):264–283, August 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xiang:2003:CGM

[600] Y. Xiang and V. Lesser. A constructive graphical model approach for knowledge-based systems: a vehicle monitoring case study. *Computational Intelligence*, 19(3):284–309, August 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Stone:2003:MCI

[601] Matthew Stone, Christine Doran, Bonnie Webber, Tonia Bleam, and Martha Palmer. Microplanning with communicative intentions: the spud system. *Computational Intelligence*, 19(4):311–381, November 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2003:TIV

[602] Anonymous. Title index, volume 19. *Computational Intelligence*, 19 (4):382, November 2003. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Karacapilidis:2004:IAD

[603] Nikos Karacapilidis and Pavlos Moraïtis. Inter-agent dialogues in electronic marketplaces. *Computational Intelligence*, 20(1):1–17, February 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Estabrooks:2004:MRM

[604] Andrew Estabrooks, Taeho Jo, and Nathalie Japkowicz. A multiple resampling method for learning from imbalanced data sets. *Computational Intelligence*, 20(1):18–36, February 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ghose:2004:IBC

[605] Aditya K. Ghose, Pablo O. Hadjinian, Abdul Sattar, Jia-H. You, and Randy Goebel. Iterated belief change. *Computational Intelligence*, 20 (1):37–55, February 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Delgrande:2004:RSD

[606] James P. Delgrande and Torsten Schaub. Reasoning with sets of defaults in default logic. *Computational Intelligence*, 20(1):56–88, February 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ford:2004:SLT

[607] Marilyn Ford. System LS: a three-tiered nonmonotonic reasoning system. *Computational Intelligence*, 20(1):89–108, February 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2004:P

[608] Anonymous. Preface. *Computational Intelligence*, 20(2):109–110, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Doyle:2004:PP

[609] Jon Doyle. Prospects for preferences. *Computational Intelligence*, 20(2): 111–136, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Boutilier:2004:PBC

[610] Craig Boutilier, Ronen I. Brafman, Carmel Domshlak, Holger H. Hoos, and David Poole. Preference-based constrained optimization with CP-nets. *Computational Intelligence*, 20(2):137–157, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

McGeachie:2004:UFC

[611] Michael McGeachie and Jon Doyle. Utility functions for *Ceteris Paribus* preferences. *Computational Intelligence*, 20(2):158–217, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Brafman:2004:ESO

[612] Ronen I. Brafman and Yannis Dimopoulos. Extended semantics and optimization algorithms for CP-networks. *Computational Intelligence*, 20(2):218–245, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Faltings:2004:SGQ

[613] Boi Faltings, Marc Torrens, and Pearl Pu. Solution generation with qualitative models of preferences. *Computational Intelligence*, 20(2):246–263, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Franzin:2004:MAC

[614] M. S. Franzin, F. Rossi, E. C. Freuder, and R. Wallace. Multi-agent constraint systems with preferences: Efficiency, solution quality, and privacy loss. *Computational Intelligence*, 20(2):264–286, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bistarelli:2004:SCP

[615] S. Bistarelli, T. Frühwirth, M. Marte, and F. Rossi. Soft constraint propagation and solving in constraint handling rules. *Computational Intelligence*, 20(2):287–307, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Delgrande:2004:CSP

[616] James Delgrande, Torsten Schaub, Hans Tompits, and Kewen Wang. A classification and survey of preference handling approaches in nonmonotonic reasoning. *Computational Intelligence*, 20(2):308–334, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Brewka:2004:LPO

[617] Gerhard Brewka, Ilkka Niemelä, and Tommi Syrjänen. Logic programs with ordered disjunction. *Computational Intelligence*, 20(2):335–357, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Son:2004:RAA

[618] Tran Cao Son and Enrico Pontelli. Reasoning about actions and planning with preferences using prioritized default theory. *Computational Intelligence*, 20(2):358–404, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Britanik:2004:PCD

[619] J. Britanik and M. Marefat. `Cbpop`: a domain-independent multi-case reuse planner. *Computational Intelligence*, 20(2):405–443, May 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Isasi:2004:IAE

[620] Pedro Isasi and Julio C. Hernandez. Introduction to the applications of evolutionary computation in computer security and cryptography. *Computational Intelligence*, 20(3):445–449, August 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Clark:2004:ABF

[621] John A. Clark, Jeremy L. Jacob, Subhamoy Maitra, and Pantelimon Stănică. Almost Boolean functions: the design of Boolean functions by spectral inversion. *Computational Intelligence*, 20(3):450–462, August 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Millan:2004:NCE

[622] William Millan, Joanne Fuller, and Ed Dawson. New concepts in evolutionary search for Boolean functions in cryptology. *Computational Intelligence*, 20(3):463–474, August 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lu:2004:DNF

[623] Wei Lu and Issa Traore. Detecting new forms of network intrusion using genetic programming. *Computational Intelligence*, 20(3):475–494, August 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jeon:2004:DMM

[624] Jun-Cheol Jeon and Kee-Young Yoo. Design of Montgomery multiplication architecture based on programmable cellular automata. *Computational Intelligence*, 20(3):495–502, August 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hao:2004:ADS

[625] Chen Hao, John A. Clark, and Jeremy L. Jacob. Automated design of security protocols. *Computational Intelligence*, 20(3):503–516, August 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hernandez:2004:FED

[626] Julio C. Hernandez and Pedro Isasi. Finding efficient distinguishers for cryptographic mappings, with an application to the block cipher TEA. *Computational Intelligence*, 20(3):517–525, August 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ghorbani:2004:ISI

[627] Ali A. Ghorbani. Introduction to special issue on agent technologies for electronic business. *Computational Intelligence*, 20(4):527–531, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tran:2004:ADA

[628] Thomas Tran and Robin Cohen. The advantages of designing adaptive business agents using reputation modeling compared to the approach of recursive modeling. *Computational Intelligence*, 20(4):532–547, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Niu:2004:PBE

[629] Xiaolin Niu, Gordon McCalla, and Julita Vassileva. Purpose-based expert finding in a portfolio management system. *Computational Intelligence*, 20(4):548–561, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ash:2004:EAT

[630] David W. Ash. Empowering automated trading in multi-agent environments. *Computational Intelligence*, 20(4):562–583, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bhavsar:2004:WTS

[631] Virendrakumar C. Bhavsar, Harold Boley, and Lu Yang. A weighted-tree similarity algorithm for multi-agent systems in e-business environments. *Computational Intelligence*, 20(4):584–602, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wickramasinghe:2004:HIM

[632] L. K. Wickramasinghe, R. Amarasiri, and L. D. Alahakoon. A hybrid intelligent multiagent system for e-business. *Computational Intelligence*, 20 (4):603–623, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lai:2004:MAN

[633] K. Robert Lai and Menq-Wen Lin. Modeling agent negotiation via fuzzy constraints in e-business. *Computational Intelligence*, 20(4):624–642, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sim:2004:NAM

[634] Kwang Mong Sim. Negotiation agents that make prudent compromises and are slightly flexible in reaching consensus. *Computational Intelligence*, 20(4):643–662, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Buffett:2004:NEP

[635] Scott Buffett, Keping Jia, Sandy Liu, Bruce Spencer, and Fang Wang. Negotiating exchanges of P3p-Labeled information for compensation. *Computational Intelligence*, 20(4):663–677, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2004:ABW

[636] Yinsheng Li, Weiming Shen, and Hamada Ghenniwa. Agent-based Web services framework and development environment. *Computational Intelligence*, 20(4):678–692, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ardissono:2004:CAI

[637] Liliana Ardissono, Giovanna Petrone, and Marino Segnan. A conversational approach to the interaction with Web services. *Computational Intelligence*, 20(4):693–709, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2004:CII

[638] Anonymous. Computational intelligence: an international journal. *Computational Intelligence*, 20(4):710–711, November 2004. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wellman:2005:SIS

[639] Michael P. Wellman, Joshua Estelle, Satinder Singh, Yevgeniy Vorobeychik, Christopher Kiekintveld, and Vishal Soni. Strategic interactions in a supply chain game. *Computational Intelligence*, 21(1):1–26, February 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Torasso:2005:CDR

[640] Pietro Torasso and Gianluca Torta. Compact diagnoses representation in diagnostic problem solving. *Computational Intelligence*, 21(1):27–68, February 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Park:2005:FBK

[641] So-Young Park, Yong-Jae Kwak, Hae-Chang Rim, and Heui-Seok Lim. Feature-based Korean grammar utilizing learned constraint rules. *Computational Intelligence*, 21(1):69–89, February 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dinerstein:2005:FRI

[642] Jonathan Dinerstein, Dan Ventura, and Parris K. Egbert. Fast and robust incremental action prediction for interactive agents. *Computational Intelligence*, 21(1):90–110, February 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheung:2005:KGG

[643] William K. Cheung and Jiming Liu. On knowledge grid and grid intelligence: a survey. *Computational Intelligence*, 21(2):111–129, May 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anutariya:2005:XDD

[644] Chutiporn Anutariya, Vilas Wuwongse, and Kiyoshi Akama. Xml declarative description with first-order logical constraints. *Computational Intelligence*, 21(2):130–156, May 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2005:SAP

[645] Liming Chen, Nigel Richard Shadbolt, Feng Tao, Carole Goble, Colin Puleston, and Simon James Cox. Semantics-assisted problem solving on the semantic grid. *Computational Intelligence*, 21(2):157–176, May 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhong:2005:BDM

[646] Ning Zhong, Jia Hu, Shinichi Motomura, Jing-Long Wu, and Chunnian Liu. Building a data-mining grid for multiple human brain data analysis. *Computational Intelligence*, 21(2):177–196, May 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhuge:2005:QRP

[647] Hai Zhuge, Jie Liu, Liang Feng, Xiaoping Sun, and Chao He. Query routing in a peer-to-peer semantic link network. *Computational Intelligence*, 21(2):197–216, May 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Excelente-Toledo:2005:URL

[648] Cora B. Excelente-Toledo and Nicholas R. Jennings. Using reinforcement learning to coordinate better. *Computational Intelligence*, 21(3):217–245, August 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xia:2005:AGT

[649] Fei Xia, Martha Palmer, and K. Vijay-Shanker. Automatically generating tree adjoining grammars from abstract specifications. *Computational Intelligence*, 21(3):246–285, August 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bodlaender:2005:PRT

[650] Hans L. Bodlaender, Arie M. C. A. Koster, and Frank van den Eijkhof. Preprocessing rules for triangulation of probabilistic networks. *Computational Intelligence*, 21(3):286–305, August 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vrakas:2005:HAC

[651] Dimitris Vrakas and Ioannis Vlahavas. Hybrid ace: Combining search directions for heuristic planning. *Computational Intelligence*, 21(3):306–331, August 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Upal:2005:LIR

[652] M. Afzal Upal and Seth Rogers. Learning to improve reasoning. *Computational Intelligence*, 21(4):333–335, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Epstein:2005:LSC

[653] Susan L. Epstein, Eugene C. Freuder, and Richard J. Wallace. Learning to support constraint programmers. *Computational Intelligence*, 21(4): 336–371, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carchrae:2005:AML

[654] Tom Carchrae and J. Christopher Beck. Applying machine learning to low-knowledge control of optimization algorithms. *Computational Intelligence*, 21(4):372–387, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ilghami:2005:LPP

[655] Okhtay Ilghami, Dana S. Nau, Héctor Muñoz-Avila, and David W. Aha. Learning preconditions for planning from plan traces and HTN structure. *Computational Intelligence*, 21(4):388–413, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pearson:2005:ILP

[656] Douglas J. Pearson and John E. Laird. Incremental learning of procedural planning knowledge in challenging environments. *Computational Intelligence*, 21(4):414–439, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Upal:2005:LIP

[657] M. Afzal Upal. Learning to improve plan quality. *Computational Intelligence*, 21(4):440–461, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tecuci:2005:DRL

[658] Gheorghe Tecuci, Mihai Boicu, Cristina Boicu, Dorin Marcu, Bogdan Stanescu, and Marcel Barbulescu. The disciple–rkf learning and reasoning agent. *Computational Intelligence*, 21(4):462–479, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jones:2005:CAL

[659] Randolph M. Jones and Pat Langley. A constrained architecture for learning and problem solving. *Computational Intelligence*, 21(4):480–502, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2005:TIV

[660] Anonymous. Title index, volume 2. *Computational Intelligence*, 21(4): 503–504, November 2005. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pollock:2006:AOL

[661] John L. Pollock. Against optimality: Logical foundations for decision-theoretic planning in autonomous agents. *Computational Intelligence*, 22(1):1–25, February 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kyburg:2006:NLS

[662] Henry E. Kyburg, Jr. and Choh Man Teng. Nonmonotonic logic and statistical inference. *Computational Intelligence*, 22(1):26–51, February 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Belmonte:2006:CAI

[663] M. V. Belmonte, R. Conejo, J. L. Pérez de-la Cruz, and F. Triguero. Coalitions among intelligent agents: a tractable case. *Computational Intelligence*, 22(1):52–68, February 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nastase:2006:WGE

[664] Vivi Nastase and Stan Szpakowicz. Word from the Guest Editors. *Computational Intelligence*, 22(2):69–72, May 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wilson:2006:RSW

[665] Theresa Wilson, Janyce Wiebe, and Rebecca Hwa. Recognizing strong and weak opinion clauses. *Computational Intelligence*, 22(2):73–99, May 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Koppel:2006:INE

[666] Moshe Koppel and Jonathan Schler. The importance of neutral examples for learning sentiment. *Computational Intelligence*, 22(2):100–109, May 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kennedy:2006:SCM

[667] Alistair Kennedy and Diana Inkpen. Sentiment classification of movie reviews using contextual valence shifters. *Computational Intelligence*, 22(2):110–125, May 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mihalcea:2006:LLA

[668] Rada Mihalcea and Carlo Strapparava. Learning to laugh (automatically): Computational models for humor recognition. *Computational In-*

telligence, 22(2):126–142, May 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bichindaritz:2006:ISI

[669] Isabelle Bichindaritz and Cindy Marling. Introduction to the special issue on case-based reasoning in the health sciences. *Computational Intelligence*, 22(3–4):143–147, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bichindaritz:2006:MOM

[670] Isabelle Bichindaritz. Memory organization as the missing link between case-based reasoning and information retrieval in biomedicine. *Computational Intelligence*, 22(3–4):148–160, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

DAquin:2006:AKA

[671] Mathieu D'Aquin, Jean Lieber, and Amedeo Napoli. Adaptation knowledge acquisition: a case study for case-based decision support in oncology. *Computational Intelligence*, 22(3–4):161–176, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Janichen:2006:CCC

[672] Silke Jänichen and Petra Perner. Conceptual clustering and case generalization of two-dimensional forms. *Computational Intelligence*, 22(3–4): 177–193, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Davies:2006:VSC

[673] Jim Davies, Janice Glasgow, and Tony Kuo. Visio-spatial case-based reasoning: a case study in prediction of protein structure. *Computational Intelligence*, 22(3–4):194–207, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Montani:2006:ATD

[674] Stefania Montani and Luigi Portinale. Accounting for the temporal dimension in case-based retrieval: a framework for medical applications. *Computational Intelligence*, 22(3–4):208–223, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schmidt:2006:PIW

[675] Rainer Schmidt, Tina Waligora, and Lothar Gierl. Predicting influenza waves with health insurance data. *Computational Intelligence*, 22(3–4):

224–237, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Funk:2006:CBR

[676] Peter Funk and Ning Xiong. Case-based reasoning and knowledge discovery in medical applications with time series. *Computational Intelligence*, 22(3–4):238–253, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Diaz:2006:PGC

[677] Fernando Díaz, Florentino Fdez-Riverola, and Juan M. Corchado. GENE-CBR: a case-based reasonig tool for cancer diagnosis using microarray data sets. *Computational Intelligence*, 22(3–4):254–268, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Doyle:2006:EUE

[678] Dónal Doyle, Pádraig Cunningham, and Paul Walsh. An evaluation of the usefulness of explanation in a case-based reasoning system for decision support in bronchiolitis treatment. *Computational Intelligence*, 22 (3–4):269–281, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2006:CII

[679] Anonymous. Computational intelligence: an international journal: Title index, volume 22. *Computational Intelligence*, 22(3–4):282, August–November 2006. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kogure:2007:ISI

[680] Kiyoshi Kogure, Shun Ishizaki, Tsutomu Endo, Yoshihiko Nitta, and Kumiko Tanaka-Ishii. Introduction to the special issue on recent PACLING meetings. *Computational Intelligence*, 23(1):1–2, February 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tauchi:2007:SEW

[681] Manabu Tauchi and Nigel Ward. Searching for explanatory Web pages using automatic query expansion. *Computational Intelligence*, 23(1):3–14, February 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Torii:2007:SAR

[682] Manabu Torii and K. Vijay-Shanker. Sortal anaphora resolution in Medline abstracts. *Computational Intelligence*, 23(1):15–27, February 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nuntiyagul:2007:KES

[683] Atorn Nuntiyagul, Kanlaya Naruedomkul, Nick Cercone, and Damras Wongsawang. Keyword extraction strategy for item banks text categorization. *Computational Intelligence*, 23(1):28–44, February 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shimada:2007:SUB

[684] Kazutaka Shimada, Tsutomu Endo, and Sayaka Minewaki. Speech understanding based on keyword extraction and relations between words. *Computational Intelligence*, 23(1):45–60, February 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fisher:2007:CLA

[685] Michael Fisher, Rafael H. Bordini, Benjamin Hirsch, and Paolo Torroni. Computational logics and agents: a road map of current technologies and future trends. *Computational Intelligence*, 23(1):61–91, February 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Karlsson:2007:MBA

[686] Maria Karlsson, Fredrik Ygge, and Arne Andersson. Market-based approaches to optimization. *Computational Intelligence*, 23(1):92–109, February 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Isasi:2007:ACI

[687] Pedro Isasi, David Quintana, Yago Saez, and Asuncion Mochon. Applied computational intelligence for finance and economics. *Computational Intelligence*, 23(2):111–116, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheng:2007:PIA

[688] P. Cheng, C. Quek, and M. L. Mah. Predicting the impact of anticipatory action on U.S. stock market — an event study using ANFIS (a neural fuzzy model). *Computational Intelligence*, 23(2):117–141, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Boer:2007:DTM

[689] Katalin Boer, Uzay Kaymak, and Jaap Spiering. From discrete-time models to continuous-time, asynchronous modeling of financial markets. *Computational Intelligence*, 23(2):142–161, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alkemade:2007:SLR

[690] Floortje Alkemade, Han La Poutré, and Hans M. Amman. On social learning and robust evolutionary algorithm design in the Cournot oligopoly game. *Computational Intelligence*, 23(2):162–175, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gil-Bazo:2007:PDI

[691] Javier Gil-Bazo, David Moreno, and Mikel Tapia. Price dynamics, informational efficiency, and wealth distribution in continuous double-auction markets. *Computational Intelligence*, 23(2):176–196, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Guerci:2007:LOC

[692] Eric Guerci, Stefano Ivaldi, Marco Raberto, and Silvano Cincotti. Learning oligopolistic competition in electricity auctions. *Computational Intelligence*, 23(2):197–220, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saez:2007:ERR

[693] Yago Saez, David Quintana, Pedro Isasi, and Asuncion Mochon. Effects of a rationing rule on the Ausubel auction: a genetic algorithm implementation. *Computational Intelligence*, 23(2):221–235, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tan:2007:BBI

[694] Tuan Zea Tan, Chai Quek, and Geok See Ng. Biological brain-inspired genetic complementary learning for stock market and bank failure prediction. *Computational Intelligence*, 23(2):236–261, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mitkov:2007:CPR

[695] Ruslan Mitkov and Catalina Hallett. Comparing pronoun resolution algorithms. *Computational Intelligence*, 23(2):262–297, May 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tadiou:2007:ISI

[696] Kone Mamadou Tadiou and Daniel Lemire. Introduction to the special issue on Canadian Semantic Web. *Computational Intelligence*, 23(3):299–301, August 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2007:CAS

[697] Jie Zhang and Robin Cohen. A comprehensive approach for sharing Semantic Web trust ratings. *Computational Intelligence*, 23(3):302–319, August 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Luong:2007:RBA

[698] P.-H. Luong and R. Dieng-Kuntz. A rule-based approach for semantic annotation evolution. *Computational Intelligence*, 23(3):320–338, August 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mohammed:2007:CLO

[699] Phaedra Mohammed and Permanand Mohan. Contextualizing learning objects using ontologies. *Computational Intelligence*, 23(3):339–355, August 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mei:2007:DCD

[700] Jing Mei, Zuoquan Lin, Harold Boley, Jie Li, and Virendrakumar C. Bhavsar. The Datalog^{DL} combination of deduction rules and description logics. *Computational Intelligence*, 23(3):356–372, August 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Deng:2007:UPE

[701] Xi Deng, Volker Haarslev, and Nematollaah Shiri. Using patterns to explain inferences in [error: possible missing math text]. *Computational Intelligence*, 23(3):373–392, August 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Remagnino:2007:AIM

[702] Paolo Remagnino and Daniel Shapiro. Artificial intelligence methods for ambient intelligence. *Computational Intelligence*, 23(4):393–394, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pecora:2007:DSH

[703] Federico Pecora and Amedeo Cesta. DCOP for smart homes: a case study. *Computational Intelligence*, 23(4):395–419, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Monekosso:2007:MBA

[704] Dorothy N. Monekosso and Paolo Remagnino. Monitoring behavior with an array of sensors. *Computational Intelligence*, 23(4):420–438, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Milani:2007:PRE

[705] A. Milani and V. Poggioni. Planning in reactive environments. *Computational Intelligence*, 23(4):439–463, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schultheis:2007:IES

[706] Holger Schultheis. Ipra — enhancing the sensing abilities of ambient intelligence. *Computational Intelligence*, 23(4):464–483, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Usabiaga:2007:RSH

[707] Jorge Usabiaga, George Bebis, Ali Erol, Mircea Nicolescu, and Monica Nicolescu. Recognizing simple human actions using 3D head movement. *Computational Intelligence*, 23(4):484–496, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nicolescu:2007:TSS

[708] Monica Nicolescu, Ryan Leigh, Adam Olenderski, Sushil Louis, Sergiu Dascalu, Chris Miles, Juan Quiroz, and Ryan Aleson. A training simulation system with realistic autonomous ship control. *Computational Intelligence*, 23(4):497–516, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2007:TIV

[709] Anonymous. Title index, volume 23. *Computational Intelligence*, 23(4): 517–518, November 2007. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

DesJardins:2008:LSB

[710] Marie DesJardins, Priyang Rathod, and Lise Getoor. Learning structured Bayesian networks: Combining abstraction hierarchies and tree-

structured conditional probability tables. *Computational Intelligence*, 24 (1):1–22, February 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sagarna:2008:DSS

[711] Ramón Sagarna and José A. Lozano. Dynamic search space transformations for software test data generation. *Computational Intelligence*, 24 (1):23–61, February 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Roh:2008:DIM

[712] Dong H. Roh and Hyun S. Yang. Design of an iterative multi-item double-auction mechanism. *Computational Intelligence*, 24(1):62–75, February 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Corchado:2008:RMD

[713] J. M. Corchado, M. Glez-Bedia, Y. De Paz, J. Bajo, and J. F. De Paz. Replanning mechanism for deliberative agents in dynamic changing environments. *Computational Intelligence*, 24(2):77–107, May 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kebriaei:2008:NAM

[714] Hamed Kebriaei, Vahid Johari Majd, and Ashkan Rahimi-Kian. A new agent matching scheme using an ordered fuzzy similarity measure and game theory. *Computational Intelligence*, 24(2):108–121, May 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gaston:2008:ENS

[715] Matthew E. Gaston and Marie DesJardins. The effect of network structure on dynamic team formation in multi-agent systems. *Computational Intelligence*, 24(2):122–157, May 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Barouni-Ebrahimi:2008:ISA

[716] M. Barouni-Ebrahimi and Ali A. Ghorbani. An interactive search assistant architecture based on intrinsic query stream characteristics. *Computational Intelligence*, 24(2):158–190, May 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Uhruski:2008:TLA

[717] Piotr Uhruski, Marek Grochowski, and Robert Schaefer. A two-layer agent-based system for large-scale distributed computation. *Computa-*

tional Intelligence, 24(3):191–212, August 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2008:SOP

[718] Fang Wang and Yaoru Sun. Self-organizing peer-to-peer social networks. *Computational Intelligence*, 24(3):213–233, August 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dinerstein:2008:DBB

[719] Jonathan Dinerstein, Parris K. Egbert, Dan Ventura, and Michael Goodrich. Demonstration-based behavior programming for embodied virtual agents. *Computational Intelligence*, 24(4):235–256, November 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tadepalli:2008:LSP

[720] Prasad Tadepalli. Learning to solve problems from exercises. *Computational Intelligence*, 24(4):257–291, November 2008. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

An:2009:FTM

[721] Xiangdong An and Nick Cercone. Fault-tolerant multi-agent exact belief propagation. *Computational Intelligence*, 25(1):1–30, February 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Becker:2009:AMA

[722] Raphen Becker, Alan Carlin, Victor Lesser, and Shlomo Zilberstein. Analyzing myopic approaches for multi-agent communication. *Computational Intelligence*, 25(1):31–50, February 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lesani:2009:FTA

[723] Mohsen Lesani and Niloufar Montazeri. Fuzzy trust aggregation and personalized trust inference in virtual social networks. *Computational Intelligence*, 25(2):51–83, May 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2009:AMO

[724] Dongdong Yang, Licheng Jiao, and Maoguo Gong. Adaptive multi-objective optimization based on nondominated solutions. *Computational Intelligence*, 25(2):84–108, May 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nissan:2009:GEM

[725] Ephraim Nissan, Giuseppina Gini, and Marco Colombetti. Guest editorial: Marco Somalvico memorial issue. *Computational Intelligence*, 25(2):109–113, May 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Littau:2009:CVL

[726] David Littau and Daniel Boley. Clustering very large data sets using a low memory matrix factored representation. *Computational Intelligence*, 25(2):114–135, May 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Verdicchio:2009:CLM

[727] Mario Verdicchio and Marco Colombetti. Communication languages for multiagent systems. *Computational Intelligence*, 25(2):136–159, May 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bichindaritz:2009:ISI

[728] Isabelle Bichindaritz and Stefania Montani. Introduction to the special issue on case-based reasoning in the health sciences. *Computational Intelligence*, 25(3):161–164, August 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Marling:2009:TCB

[729] Cindy Marling, Jay Shubrook, and Frank Schwartz. Toward case-based reasoning for diabetes management: a preliminary clinical study and decision support system prototype. *Computational Intelligence*, 25(3): 165–179, August 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Begum:2009:CBD

[730] Shahina Begum, Mobyen Uddin Ahmed, Peter Funk, Ning Xiong, and Bo Von Schéele. A case-based decision support system for individual stress diagnosis using fuzzy similarity matching. *Computational Intelligence*, 25(3):180–195, August 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Montani:2009:CBR

[731] Stefania Montani. Case-based reasoning for managing noncompliance with clinical guidelines. *Computational Intelligence*, 25(3):196–213, August 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bichindaritz:2009:PCR

[732] Isabelle Bichindaritz. Prototypical cases for retrieval, reuse, and knowledge maintenance in biomedical case-based reasoning. *Computational Intelligence*, 25(3):214–234, August 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Montani:2009:CBC

[733] Stefania Montani, Alessio Bottrighi, Giorgio Leonardi, and Luigi Portinale. A CBR-based, closed-loop architecture for temporal abstractions configuration. *Computational Intelligence*, 25(3):235–249, August 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Perner:2009:NDL

[734] Petra Perner. Novelty detection and in-line learning of novel concepts according to a case-based reasoning process schema for high-content image analysis in system biology and medicine. *Computational Intelligence*, 25 (3):250–263, August 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2009:MRC

[735] Yun Yang, Changle Zhou, Xiaojun Ding, Jiawei Chen, and Xiaodong Shi. Metaphor recognition: Chmeta, a pattern-based system. *Computational Intelligence*, 25(4):265–301, November 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fern:2009:PLS

[736] Alan Fern. A penalty-logic simple-transition model for structured sequences. *Computational Intelligence*, 25(4):302–334, November 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sensoy:2009:PCA

[737] Murat Şensoy, Jie Zhang, Pinar Yolum, and Robin Cohen. Poyraz: Context-aware service selection under deception. *Computational Intelligence*, 25(4):335–366, November 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Margaritis:2009:EMN

[738] Dimitris Margaritis and Facundo Bromberg. Efficient Markov network discovery using particle filters. *Computational Intelligence*, 25(4):367–394, November 2009. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chiu:2010:ACR

[739] Chung-Cheng Chiu and Von-Wun Soo. Automatic complexity reduction in reinforcement learning. *Computational Intelligence*, 26(1):1–25, February 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Herrero:2010:DCK

[740] Álvaro Herrero, Emilio Corchado, Lourdes Sáiz, and Ajith Abraham. Dipkip: a connectionist knowledge management system to identify knowledge deficits in practical cases. *Computational Intelligence*, 26(1): 26–56, February 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jiao:2010:MAC

[741] Wenpin Jiao. Multi-agent cooperation via reasoning about the behavior of others. *Computational Intelligence*, 26(1):57–83, February 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ontanon:2010:LCB

[742] Santi Ontañón, Kinshuk Mishra, Neha Sugandh, and Ashwin Ram. On-line case-based planning. *Computational Intelligence*, 26(1):84–119, February 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rosaci:2010:EPL

[743] Domenico Rosaci and Giuseppe M. L. Sarné. Efficient personalization of e-learning activities using a multi-device decentralized recommender system. *Computational Intelligence*, 26(2):121–141, May 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Whiting:2010:CBM

[744] Jeffrey S. Whiting, Jonathan Dinerstein, Parris K. Egbert, and Dan Ventura. Cognitive and behavioral model ensembles for autonomous virtual characters. *Computational Intelligence*, 26(2):142–159, May 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kerr:2010:TTC

[745] Reid Kerr and Robin Cohen. Trust as a tradable commodity: a foundation for safe electronic marketplaces. *Computational Intelligence*, 26 (2):160–182, May 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sharma:2010:DMP

[746] Manu Sharma, Santiago Ontañón, Manish Mehta, and Ashwin Ram. Drama management and player modeling for interactive fiction games. *Computational Intelligence*, 26(2):183–211, May 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ling:2010:ISI

[747] Charles Ling. Introduction to the special issue of advanced data mining and applications. *Computational Intelligence*, 26(3):213–214, August 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shehata:2010:EME

[748] Shady Shehata, Fakhri Karray, and Mohamed S. Kamel. An efficient model for enhancing text categorization using sentence semantics. *Computational Intelligence*, 26(3):215–231, August 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhou:2010:MCC

[749] Zhi-Hua Zhou and Xu-Ying Liu. On multi-class cost-sensitive learning. *Computational Intelligence*, 26(3):232–257, August 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

He:2010:SEF

[750] Jun He, Hongyan Liu, Bo Hu, Xiaoyong Du, and Puwei Wang. Selecting effective features and relations for efficient multi-relational classification. *Computational Intelligence*, 26(3):258–281, August 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Feng:2010:PSM

[751] Mengling Feng, Guozhu Dong, Jinyan Li, Yap-Peng Tan, and Limsoon Wong. Pattern space maintenance for data updates and interactive mining*. *Computational Intelligence*, 26(3):282–317, August 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2010:MUG

[752] Yiqiang Chen, Juan Qi, Zhuo Sun, and Qiong Ning. Mining user goals for indoor location-based services with low energy and high QoS. *Computational Intelligence*, 26(3):318–336, August 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alfred:2010:FTG

[753] Rayner Alfred. Feature transformation: a genetic-based feature construction method for data summarization. *Computational Intelligence*, 26(3):337–357, August 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2010:ARC

[754] Dongdong Yang, Licheng Jiao, Maoguo Gong, and Jie Feng. Adaptive ranks clone and k-nearest neighbor list-based immune multi-objective optimization. *Computational Intelligence*, 26(4):359–385, November 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aine:2010:HSU

[755] Sandip Aine, P. P. Chakrabarti, and Rajeev Kumar. Heuristic search under contract. *Computational Intelligence*, 26(4):386–419, November 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aliguliyev:2010:CTD

[756] Ramiz M. Aliguliyev. Clustering techniques and discrete particle swarm optimization algorithm for multi-document summarization. *Computational Intelligence*, 26(4):420–448, November 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bengio:2010:DTD

[757] Yoshua Bengio, Olivier Delalleau, and Clarence Simard. Decision trees do not generalize to new variations. *Computational Intelligence*, 26(4): 449–467, November 2010. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vidal:2011:SPA

[758] Luis Castillo Vidal, Gabriella Cortellessa, and Neil Yorke-Smith. Scheduling and planning applications: Selected papers from the spark workshop series. *Computational Intelligence*, 27(1):1–3, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Klusacek:2011:EGS

[759] Dalibor Klusáček and Hana Rudová. Efficient grid scheduling through the incremental schedule-based approach. *Computational Intelligence*, 27(1):4–22, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Koller:2011:EPN

[760] Alexander Koller and Ronald P. A. Petrick. Experiences with planning for natural language generation. *Computational Intelligence*, 27(1):23–40, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Refanidis:2011:DES

[761] Ioannis Refanidis and Anastasios Alexiadis. Deployment and evaluation of selfplanner, an automated individual task management system. *Computational Intelligence*, 27(1):41–59, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cesta:2011:MEP

[762] Amedeo Cesta, Gabriella Cortellessa, Riccardo Rasconi, Federico Pecora, Massimiliano Scopelliti, and Lorenza Tiberio. Monitoring elderly people with the robocare domestic environment: Interaction synthesis and user evaluation. *Computational Intelligence*, 27(1):60–82, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cesta:2011:MSS

[763] Amedeo Cesta, Gabriella Cortellessa, Simone Fratini, and Angelo Oddi. Mr Spock — steps in developing an end-to-end space application. *Computational Intelligence*, 27(1):83–102, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fdez-Olivares:2011:SCP

[764] Juan Fdez-Olivares, Luis Castillo, Juan A. Cózar, and Oscar García Pérez. Supporting clinical processes and decisions by hierarchical planning and scheduling. *Computational Intelligence*, 27(1):103–122, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Beaumet:2011:FAD

[765] Grégory Beaumet, Gérard Verfaillie, and Marie-Claire Charmeau. Feasibility of autonomous decision making on board an agile Earth-observing satellite. *Computational Intelligence*, 27(1):123–139, February 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Acampora:2011:CMA

[766] Giovanni Acampora, Matteo Gaeta, and Vincenzo Loia. Combining multi-agent paradigm and memetic computing for personalized and adaptive learning experiences. *Computational Intelligence*, 27(2):141–165,

May 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lopez-Carmona:2011:RBM

[767] Miguel A. Lopez-Carmona, Ivan Marsa-Maestre, Enrique De La Hoz, and Juan R. Velasco. A region-based multi-issue negotiation protocol for nonmonotonic utility spaces. *Computational Intelligence*, 27(2):166–217, May 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tsai:2011:ESC

[768] Ching-Tsorng Tsai, Chishyan Liaw, Huan-Chen Huang, and Chao-Hui Ko. An evolutionary strategy for a computer team game. *Computational Intelligence*, 27(2):218–234, May 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2011:ASR

[769] Guang-Quan Zhang, Zheng Zheng, Jie Lu, and Qing He. An algorithm for solving rule sets-based bilevel decision problems. *Computational Intelligence*, 27(2):235–259, May 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheng:2011:NLA

[770] Ching-Hsue Cheng, Liang-Ying Wei, and Yao-Hsien Chen. A new e-learning achievement evaluation model based on rough set and similarity filter. *Computational Intelligence*, 27(2):260–279, May 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gao:2011:SMN

[771] Mingxia Gao, Jiming Liu, Ning Zhong, Furong Chen, and Chunnian Liu. Semantic mapping from natural language questions to owl queries. *Computational Intelligence*, 27(2):280–314, May 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alfred:2011:FTG

[772] Rayner Alfred. Feature transformation: a genetic-based feature construction method for data summarization. *Computational Intelligence*, 27(3):315–335, August 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

He:2011:MAR

[773] Dan He, Xingquan Zhu, and Xindong Wu. Mining approximate repeating patterns from sequence data with gap constraints. *Computational Intel-*

ligence, 27(3):336–362, August 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kellett:2011:TAM

[774] Matthew Kellett, Thomas Tran, and Ming Li. Trust by association: a meta-reputation system for peer-to-peer networks. *Computational Intelligence*, 27(3):363–392, August 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kalech:2011:CDA

[775] Meir Kalech and Gal A. Kaminka. Coordination diagnostic algorithms for teams of situated agents: Scaling up. *Computational Intelligence*, 27 (3):393–421, August 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Miller:2011:PDL

[776] Tim Miller and Peter McBurney. Propositional dynamic logic for reasoning about first-class agent interaction protocols. *Computational Intelligence*, 27(3):422–457, August 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yeung:2011:SSR

[777] Ching man Au Yeung, Michael G. Noll, Nicholas Gibbins, Christoph Meinel, and Nigel Shadbolt. Spear: Spamming-resistant expertise analysis and ranking in collaborative tagging systems. *Computational Intelligence*, 27(3):458–488, August 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Espinilla:2011:EHL

[778] Macarena Espinilla, Jun Liu, and Luis Martínez. An extended hierarchical linguistic model for decision-making problems. *Computational Intelligence*, 27(3):489–512, August 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kim:2011:EBM

[779] Jin-Dong Kim, Tomoko Ohta, Sampo Pyysalo, Yoshinobu Kano, and Jun'ichi Tsujii. Extracting bio-molecular events from literature — the bionlp'09 shared task. *Computational Intelligence*, 27(4):513–540, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bjorne:2011:ECC

[780] Jari Björne, Juho Heimonen, Filip Ginter, Antti Airola, Tapio Pahikkala, and Tapio Salakoski. Extracting contextualized complex biological events with rich graph-based feature sets. *Computational Intelligence*, 27(4): 541–557, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Riedel:2011:BME

[781] Sebastian Riedel, Rune Sætre, Hong-Woo Chun, Toshihisa Takagi, and Jun'ichi Tsujii. Bio-molecular event extraction with Markov logic. *Computational Intelligence*, 27(4):558–582, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kilicoglu:2011:EBE

[782] Halil Kilicoglu and Sabine Bergler. Effective bio-event extraction using trigger words and syntactic dependencies. *Computational Intelligence*, 27 (4):583–609, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Buyko:2011:SSS

[783] Ekaterina Buyko, Erik Faessler, Joachim Wermter, and Udo Hahn. Syntactic simplification and semantic enrichment — trimming dependency graphs for event extraction. *Computational Intelligence*, 27(4):610–644, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

VanLandeghem:2011:HPB

[784] Sofie Van Landeghem, Bernard De Baets, Yves Van de Peer, and Yvan Saeys. High-precision bio-molecular event extraction from text using parallel binary classifiers. *Computational Intelligence*, 27(4):645–664, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hakenberg:2011:MEE

[785] Jörg Hakenberg, Illés Solt, Domonkos Tikk, Võ Há Nguyên, Luis Tari, Quang Long Nguyen, Chitta Baral, and Ulf Leser. Molecular event extraction from link grammar parse trees in the bionlp'09 shared task. *Computational Intelligence*, 27(4):665–680, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cohen:2011:HPB

[786] K. Bretonnel Cohen, Karin Verspoor, Helen L. Johnson, Chris Roeder, Philip V. Ogren, William A. Baumgartner, Jr., Elizabeth White, Hannah Tipney, and Lawrence Hunter. High-precision biological event extraction: Effects of system and of data. *Computational Intelligence*, 27(4):681–701, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sasaki:2011:ESB

[787] Yutaka Sasaki, Xinglong Wang, and Sophia Ananiadou. Extracting secondary bio-event arguments with extraction constraints. *Computational Intelligence*, 27(4):702–721, November 2011. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Song:2012:AQL

[788] Dawei Song, Qiang Huang, Peter Bruza, and Raymond Lau. An aspect query language model based on query decomposition and high-order contextual term associations. *Computational Intelligence*, 28(1):1–23, February 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Murillo:2012:FRA

[789] Javier Murillo, Beatriz López, Víctor Muñoz, and Dídac Busquets. Fairness in recurrent auctions with competing markets and supply fluctuations. *Computational Intelligence*, 28(1):24–50, February 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Luo:2012:KKE

[790] Xudong Luo, Chunyan Miao, Nicholas R. Jennings, Minghua He, Zhiqi Shen, and Minjie Zhang. Kemnad: a knowledge engineering methodology for negotiating agent development. *Computational Intelligence*, 28(1): 51–105, February 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rachkovskij:2012:SBR

[791] Dmitri A. Rachkovskij and Serge V. Slipchenko. Similarity-based retrieval with structure-sensitive sparse binary distributed representations. *Computational Intelligence*, 28(1):106–129, February 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nesmachnow:2012:SHC

[792] Sergio Nesmachnow, Enrique Alba, and Héctor Cancela. Scheduling in heterogeneous computing and grid environments using a parallel CHC evolutionary algorithm. *Computational Intelligence*, 28(2):131–155, May 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Atkinson:2012:ESN

[793] John Atkinson and Juan Matamala. Evolutionary shallow natural language parsing. *Computational Intelligence*, 28(2):156–175, May 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

White:2012:AAD

[794] Spencer White, Tony Martinez, and George Rudolph. Automatic algorithm development using new reinforcement programming techniques. *Computational Intelligence*, 28(2):176–208, May 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chehreghani:2012:PHH

[795] Morteza Haghir Chehreghani, Mostafa Haghir Chehreghani, and Hassan Abolhassani. Probabilistic heuristics for hierarchical Web data clustering. *Computational Intelligence*, 28(2):209–233, May 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vazquez:2012:PIU

[796] Jose Manuel Marquez Vazquez, Luis Gonzalez-Abril, Francisco Velasco Morente, and Juan Antonio Ortega Ramirez. Performance improvement using adaptive learning itineraries. *Computational Intelligence*, 28(2):234–260, May 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bengio:2012:DCA

[797] Yoshua Bengio, Nicolas Chapados, Olivier Delalleau, Hugo Larochelle, Xavier Saint-Mleux, Christian Hudon, and Jérôme Louradour. Detonation classification from acoustic signature with the restricted Boltzmann machine. *Computational Intelligence*, 28(2):261–288, May 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2012:PMF

[798] Hongyu Liu and Evangelos Milios. Probabilistic models for focused Web crawling. *Computational Intelligence*, 28(3):289–328, August 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Levine:2012:LVS

[799] Geoffrey Levine, Ugur Kuter, Antons Rebguns, Derek Green, and Diana Spears. Learning and verifying safety constraints for planners in a knowledge-impoverished system. *Computational Intelligence*, 28(3):329–357, August 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bao:2012:RTC

[800] Forrest Sheng Bao and Yuanlin Zhang. A review of tree convex sets test. *Computational Intelligence*, 28(3):358–372, August 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hung:2012:ERM

[801] Edward Hung, Lurong Xiao, and Regant Y. S. Hung. An efficient representation model of distance distribution between uncertain objects. *Computational Intelligence*, 28(3):373–397, August 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bollegala:2012:AAA

[802] Danushka Bollegala, Yutaka Matsuo, and Mitsuru Ishizuka. Automatic annotation of ambiguous personal names on the Web. *Computational Intelligence*, 28(3):398–425, August 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2012:ESA

[803] Wenliang Chen, Jun'ichi Kazama, Kiyotaka Uchimoto, and Kentaro Torisawa. Exploiting subtrees in auto-parsed data to improve dependency parsing. *Computational Intelligence*, 28(3):426–451, August 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Josang:2012:DRS

[804] Audun Jøsang and Simon Pope. Dempster's rule as seen by little colored balls. *Computational Intelligence*, 28(4):453–474, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

LeBras:2012:OMO

[805] Yannick Le Bras, Philippe Lenca, and Stéphane Lallich. Optimonotone measures for optimal rule discovery. *Computational Intelligence*, 28(4):475–504, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Whiting:2012:MLM

[806] David G. Whiting, James V. Hansen, James B. McDonald, Conan Albrecht, and W. Steve Albrecht. Machine learning methods for detecting patterns of management fraud. *Computational Intelligence*, 28(4): 505–527, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Figueroa:2012:CLM

[807] Alejandro Figueroa and John Atkinson. Contextual language models for ranking answers to natural language definition questions. *Computational Intelligence*, 28(4):528–548, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2012:CTM

[808] Jie Zhang, Robin Cohen, and Kate Larson. Combining trust modeling and mechanism design for promoting honesty in e-marketplaces. *Computational Intelligence*, 28(4):549–578, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2012:RTD

[809] Sanjiang Li and Anthony G. Cohn. Reasoning with topological and directional spatial information. *Computational Intelligence*, 28(4):579–616, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dragoni:2012:DSF

[810] Nicola Dragoni and Mauro Gaspari. Declarative specification of fault tolerant auction protocols: the English auction case study. *Computational Intelligence*, 28(4):617–641, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Salehi-Abari:2012:DDA

[811] Amirali Salehi-Abari and Tony White. Dart: a distributed analysis of reputation and trust framework. *Computational Intelligence*, 28(4):642–682, November 2012. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jimenez:2013:IPE

[812] Sergio Jiménez, Fernando Fernández, and Daniel Borrajo. Integrating planning, execution, and learning to improve plan execution. *Computational Intelligence*, 29(1):1–36, February 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lu:2013:WBP

[813] Jie Lu, Qusai Shambour, Yisi Xu, Qing Lin, and Guangquan Zhang. A Web-based personalized business partner recommendation system using fuzzy semantic techniques. *Computational Intelligence*, 29(1):37–69, February 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2013:SMD

[814] Zhao Zhang, Tommy W. S. Chow, and Ning Ye. Semisupervised multimodal dimensionality reduction. *Computational Intelligence*, 29(1):70–110, February 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cooper:2013:MTC

[815] Martin C. Cooper, Frédéric Maris, and Pierre Régnier. Managing temporal cycles in planning problems requiring concurrency. *Computational Intelligence*, 29(1):111–128, February 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alguliev:2013:OAA

[816] Rasim M. Alguliev, Ramiz M. Aliguliyev, and Chingiz A. Mehdiyev. An optimization approach to automatic generic document summarization. *Computational Intelligence*, 29(1):129–155, February 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Amigoni:2013:LBA

[817] Francesco Amigoni and Luca Continanza. A lattice-based approach to the problem of recruitment in multiagent systems. *Computational Intelligence*, 29(1):156–186, February 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Klenk:2013:GDA

[818] Matthew Klenk, Matt Molineaux, and David W. Aha. Goal-driven autonomy for responding to unexpected events in strategy simulations. *Computational Intelligence*, 29(2):187–206, May 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Monteith:2013:ACE

[819] Kristine Monteith and Tony Martinez. Aggregate certainty estimators. *Computational Intelligence*, 29(2):207–232, May 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Micalizio:2013:AFR

[820] Roberto Micalizio. Action failure recovery via model-based diagnosis and conformant planning. *Computational Intelligence*, 29(2):233–280, May 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Winsper:2013:DSC

[821] Michael Winsper and Maria Chli. Decentralized supply chain formation using max-sum loopy belief propagation. *Computational Intelligence*, 29 (2):281–309, May 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xu:2013:PZB

[822] Zhonghui Xu, Călin Voichiţa, Sorin Drăghici, and Roberto Romero. `Z-bag`: a classification ensemble system with posterior probabilistic outputs. *Computational Intelligence*, 29(2):310–330, May 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ting:2013:LMK

[823] Kai Ming Ting, Lian Zhu, and Jonathan R. Wells. Local models — the key to boosting stable learners successfully. *Computational Intelligence*, 29(2):331–356, May 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Podolak:2013:TFE

[824] Igor T. Podolak and Adam Roman. Theoretical foundations and experimental results for a hierarchical classifier with overlapping clusters. *Computational Intelligence*, 29(2):357–388, May 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Inkpen:2013:CAA

[825] Diana Inkpen and Carlo Strapparava. Computational approaches to the analysis of emotion in text. *Computational Intelligence*, 29(3):389, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lee:2013:DEC

[826] Sophia Yat Mei Lee, Ying Chen, Chu-Ren Huang, and Shoushan Li. Detecting emotion causes with a linguistic rule-based approach. *Computational Intelligence*, 29(3):390–416, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Keshtkar:2013:BME

[827] Fazel Keshtkar and Diana Inkpen. A bootstrapping method for extracting paraphrases of emotion expressions from texts. *Computational Intelligence*, 29(3):417–435, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mohammad:2013:CWE

[828] Saif M. Mohammad and Peter D. Turney. Crowdsourcing a word–emotion association lexicon. *Computational Intelligence*, 29(3):436–465, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Goyal:2013:CMP

[829] Amit Goyal, Ellen Riloff, and Hal Daumé III. A computational model for plot units. *Computational Intelligence*, 29(3):466–488, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gupta:2013:EDE

[830] Narendra Gupta, Mazin Gilbert, and Giuseppe Di Fabbrizio. Emotion detection in email customer care. *Computational Intelligence*, 29(3):489–505, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bellegarda:2013:DDA

[831] Jerome R. Bellegarda. Data-driven analysis of emotion in text using latent affective folding and embedding. *Computational Intelligence*, 29 (3):506–526, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Calvo:2013:ETD

[832] Rafael A. Calvo and Sunghwan Mac Kim. Emotions in text: Dimensional and categorical models. *Computational Intelligence*, 29(3):527–543, August 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carenini:2013:MDS

[833] Giuseppe Carenini, Jackie Chi Kit Cheung, and Adam Pauls. Multi-document summarization of evaluative text. *Computational Intelligence*, 29(4):545–576, November 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pan:2013:TSW

[834] Li Pan, Xudong Luo, Xiangxu Meng, Chunyan Miao, Minghua He, and Xingchen Guo. A two-stage win–win multiattribute negotiation model: Optimization and then concession. *Computational Intelligence*, 29(4): 577–626, November 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wan:2013:SBM

[835] Xiaojun Wan. Subtopic-based multimodality ranking for topic-focused multidocument summarization. *Computational Intelligence*, 29(4):627–648, November 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2013:ESS

[836] Shaojun Wang, Shaomin Wang, Li Cheng, Russell Greiner, and Dale Schuurmans. Exploiting syntactic, semantic, and lexical regularities in language modeling via directed Markov random fields. *Computational Intelligence*, 29(4):649–679, November 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Francisco:2013:EAA

[837] Virginia Francisco and Pablo Gervás. Emotag: an approach to automated markup of emotions in texts. *Computational Intelligence*, 29(4): 680–721, November 2013. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Marsa-Maestre:2014:AUS

[838] Ivan Marsa-Maestre, Miguel A. Lopez-Carmona, Mark Klein, Takayuki Ito, and Katsuhide Fujita. Addressing utility space complexity in negotiations involving highly uncorrelated, constraint-based utility spaces. *Computational Intelligence*, 30(1):1–29, February 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fujita:2014:ASM

[839] Katsuhide Fujita, Takayuki Ito, and Mark Klein. An approach to scalable multi-issue negotiation: Decomposing the contract space. *Computational Intelligence*, 30(1):30–47, February 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lin:2014:GIE

[840] Raz Lin, Sarit Kraus, Tim Baarslag, Dmytro Tykhonov, Koen Hindriks, and Catholijn M. Jonker. Genius: an integrated environment for support-

ing the design of generic automated negotiators. *Computational Intelligence*, 30(1):48–70, February 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Duff:2014:MGI

[841] Simon Duff, John Thangarajah, and James Harland. Maintenance goals in intelligent agents. *Computational Intelligence*, 30(1):71–114, February 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2014:ICC

[842] Dongdong Yang, Licheng Jiao, Ruican Niu, and Maoguo Gong. Investigation of combinational clustering indices in artificial immune multiobjective clustering. *Computational Intelligence*, 30(1):115–144, February 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hong:2014:MTF

[843] Tzung-Pei Hong, Chun-Wei Lin, and Tsung-Ching Lin. The MFFP-tree fuzzy mining algorithm to discover complete linguistic frequent itemsets. *Computational Intelligence*, 30(1):145–166, February 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2014:RIA

[844] Liang Chen. Robustness instead of accuracy should be the primary objective for subjective pattern recognition research: Stability analysis on multicandidate Electoral College versus direct popular vote. *Computational Intelligence*, 30(2):167–204, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2014:ECR

[845] Kewen Wang, Zhe Wang, Rodney Topor, Jeff Z. Pan, and Grigoris Antoniou. Eliminating concepts and roles from ontologies in expressive descriptive logics. *Computational Intelligence*, 30(2):205–232, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hou:2014:QTE

[846] Yuexian Hou, Bo Wang, Dawei Song, Xiaochun Cao, and Wenjie Li. Quadratic Tsallis entropy bias and generalized maximum entropy models. *Computational Intelligence*, 30(2):233–262, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yoshida:2014:GBA

[847] Tetsuya Yoshida. A graph-based approach for semisupervised clustering. *Computational Intelligence*, 30(2):263–284, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mu:2014:DRE

[848] Tingting Mu, Makoto Miwa, Junichi Tsujii, and Sophia Ananiadou. Discovering robust embeddings in (dis)Similarity space for high-dimensional linguistic features. *Computational Intelligence*, 30(2):285–315, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2014:ICB

[849] Siyuan Liu, Jie Zhang, Chunyan Miao, Yin-Leng Theng, and Alex C. Kot. An integrated clustering-based approach to filtering unfair multinominal testimonies. *Computational Intelligence*, 30(2):316–341, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2014:NSF

[850] Huawen Liu, Xindong Wu, and Shichao Zhang. A new supervised feature selection method for pattern classification. *Computational Intelligence*, 30(2):342–361, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bourgne:2014:DPA

[851] Gauvain Bourgne and Nicolas Maudet. Designing protocols for abductive hypothesis refinement in dynamic multiagent environments. *Computational Intelligence*, 30(2):362–401, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Surynek:2014:SAC

[852] Pavel Surynek. Solving abstract cooperative path-finding in densely populated environments. *Computational Intelligence*, 30(2):402–450, May 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Huang:2014:UFT

[853] Jiajin Huang, Ning Zhong, and Yiyu Yao. A unified framework of targeted marketing using customer preferences. *Computational Intelligence*, 30(3):451–472, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Estruch:2014:BGB

[854] V. Estruch, C. Ferri, J. Hernández-Orallo, and M. J. Ramírez-Quintana. Bridging the gap between distance and generalization. *Computational Intelligence*, 30(3):473–513, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

AlFaresi:2014:PLH

[855] Ahmed Al Faresi, Ahmed Alazzawe, and Anis Alazzawe. Privacy leakage in health social networks. *Computational Intelligence*, 30(3):514–534, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Heath:2014:IMC

[856] Derrall Heath and Dan Ventura. Improving multilabel classification by avoiding implicit negativity with incomplete data. *Computational Intelligence*, 30(3):535–561, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shi:2014:CSO

[857] Chuan Shi, Philip S. Yu, Zhenyu Yan, Yue Huang, and Bai Wang. Comparison and selection of objective functions in multiobjective community detection. *Computational Intelligence*, 30(3):562–582, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gao:2014:BLD

[858] Ya Gao, Guangquan Zhang, Jie Lu, and Jun Ma. A Bi-level decision model for customer churn analysis. *Computational Intelligence*, 30(3): 583–599, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2014:ESM

[859] Haibin Liu, Vlado Kešelj, and Christian Blouin. Exploring a subgraph matching approach for extracting biological events from literature. *Computational Intelligence*, 30(3):600–635, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2014:FSB

[860] Chien-Hsing Chen. Feature selection based on compactness and separability: Comparison with filter-based methods. *Computational Intelligence*, 30(3):636–656, August 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

vanSeijen:2014:EAS

[861] Harm van Seijen, Shimon Whiteson, and Leon Kester. Efficient abstraction selection in reinforcement learning. *Computational Intelligence*, 30 (4):657–699, November 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2014:GTF

[862] Xin Liu, Gilles Tredan, and Anwitaman Datta. A generic trust framework for large-scale open systems using machine learning. *Computational Intelligence*, 30(4):700–721, November 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2014:SAB

[863] Yao Wang, Jie Zhang, and Julita Vassileva. A super-agent-based framework for reputation management and community formation in decentralized systems. *Computational Intelligence*, 30(4):722–751, November 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Harnsamut:2014:PPA

[864] Nattapon Harnsamut, Juggapong Natwichai, Xingzhi Sun, and Xue Li. Privacy preservation for associative classification. *Computational Intelligence*, 30(4):752–770, November 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vu:2014:UIP

[865] Le-Hung Vu, Jie Zhang, and Karl Aberer. Using identity premium for honesty enforcement and whitewashing prevention. *Computational Intelligence*, 30(4):771–797, November 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Estebanez:2014:ADN

[866] César Estébanez, Yago Saez, Gustavo Recio, and Pedro Isasi. Automatic design of noncryptographic hash functions using genetic programming. *Computational Intelligence*, 30(4):798–831, November 2014. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cerri:2015:EED

[867] Ricardo Cerri, Gisele L. Pappa, André Carlos P. L. F. Carvalho, and Alex A. Freitas. An extensive evaluation of decision tree-based hierarchical multilabel classification methods and performance measures. *Computational Intelligence*, 31(1):1–46, February 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kaleli:2015:PPN

[868] Cihan Kaleli and Huseyin Polat. Privacy-preserving Naïve Bayesian classifier-based recommendations on distributed data. *Computational Intelligence*, 31(1):47–68, February 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wallace:2015:CFP

[869] Iain Wallace and Michael Rovatsos. A computational framework for practical social reasoning. *Computational Intelligence*, 31(1):69–105, February 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bhardwaj:2015:PSB

[870] Saurabh Bhardwaj, Smriti Srivastava, and J. R. P. Gupta. Pattern-similarity-based model for time series prediction. *Computational Intelligence*, 31(1):106–131, February 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Atefeh:2015:STE

[871] Farzindar Atefeh and Wael Khreich. A survey of techniques for event detection in Twitter. *Computational Intelligence*, 31(1):132–164, February 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Stavrianou:2015:ERB

[872] Anna Stavrianou and Caroline Brun. Expert recommendations based on opinion mining of user-generated product reviews. *Computational Intelligence*, 31(1):165–183, February 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Celli:2015:LCS

[873] Fabio Celli and Luca Rossi. Long chains or stable communities? The role of emotional stability in Twitter conversations. *Computational Intelligence*, 31(1):184–200, February 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Miller:2015:GAC

[874] L. Dee Miller, Leen-Kiat Soh, and Stephen Scott. Genetic algorithm classifier system for semi-supervised learning. *Computational Intelligence*, 31(2):201–232, May 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Luo:2015:PMF

[875] Jiangfeng Luo, Cheng Zhu, Weiming Zhang, and Zhong Liu. Planning with multistep forward search with forced goal-ordering constraints. *Computational Intelligence*, 31(2):233–255, May 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Neviarouskaya:2015:AST

[876] Alena Neviarouskaya, Helmut Prendinger, and Mitsuru Ishizuka. Attitude sensing in text based on a compositional linguistic approach. *Computational Intelligence*, 31(2):256–300, May 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mohammad:2015:UHC

[877] Saif M. Mohammad and Svetlana Kiritchenko. Using hashtags to capture fine emotion categories from tweets. *Computational Intelligence*, 31(2): 301–326, May 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Costante:2015:UPT

[878] Elisa Costante, Jerry den Hartog, and Milan Petković. Understanding perceived trust to reduce regret. *Computational Intelligence*, 31(2):327–347, May 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gomez-Rodriguez:2015:UDP

[879] Carlos Gómez-Rodríguez, Daniel Fernández-González, and Víctor Manuel Darriba Bilbao. Undirected dependency parsing. *Computational Intelligence*, 31(2):348–384, May 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2015:TSM

[880] Daphne Liu and Lenhart Schubert. Toward self-motivated, cognitive, continually planning agents. *Computational Intelligence*, 31(3):385–417, August 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jordan:2015:IAA

[881] Jaume Jordán, Stella Heras, Soledad Valero, and Vicente Julián. An infrastructure for argumentative agents. *Computational Intelligence*, 31 (3):418–441, August 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cai:2015:NCS

[882] Qing Cai, Maoguo Gong, Lijia Ma, and Licheng Jiao. A novel clonal selection algorithm for community detection in complex networks. *Computational Intelligence*, 31(3):442–464, August 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Thornton:2015:ATP

[883] Chris Thornton, Ori Cohen, Jörg Denzinger, and Jeffrey E. Boyd. Automated testing of physical security: Red teaming through machine learning. *Computational Intelligence*, 31(3):465–497, August 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lopez-Guede:2015:TMS

[884] Jose Manuel Lopez-Guede, Borja Fernandez-Gauna, Manuel Graña, and Ekaitz Zulueta. Training multiagent systems by Q-learning: Approaches and empirical results. *Computational Intelligence*, 31(3):498–512, August 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mehrjoo:2015:SIC

[885] Saeed Mehrjoo, Abdolhossein Sarrafzadeh, and Mehrdad Mehrjoo. Swarm intelligent compressive routing in wireless sensor networks. *Computational Intelligence*, 31(3):513–531, August 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Buscema:2015:ASP

[886] M. Buscema, P. L. Sacco, G. Ferilli, M. Breda, and E. Grossi. Analyzing the semantics of point spaces through the topological weighted centroid and other mathematical quantities: the hidden geometry of the global economic order. *Computational Intelligence*, 31(3):532–567, August 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Franks:2015:RRD

[887] Henry Franks and Nathan Griffiths. Robust reputation in decentralized markets. *Computational Intelligence*, 31(4):569–592, November 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Navaneethakrishnan:2015:BLI

[888] Subalalitha Chinnaudayar Navaneethakrishnan and Ranjani Parthasarathi. Building a language-independent discourse parser using universal networking language. *Computational Intelligence*, 31(4):593–618, November 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Forghani:2015:RSV

[889] Yahya Forghani and Hadi Sadoghi Yazdi. Robust support vector machines with low test time. *Computational Intelligence*, 31(4):619–641, November 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nepal:2015:BBP

[890] Surya Nepal, Sanat Kumar Bista, and Cecile Paris. Behavior-based propagation of trust in social networks with restricted and anonymous participation. *Computational Intelligence*, 31(4):642–668, November 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gatti:2015:MAT

[891] Lorenzo Gatti, Marco Guerini, Oliviero Stock, and Carlo Strapparava. Mocking Ads through mobile Web services. *Computational Intelligence*, 31(4):669–683, November 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Schaefer:2015:HCQ

[892] Gerald Schaefer and Lars Nolle. A hybrid color quantization algorithm incorporating a human visual perception model. *Computational Intelligence*, 31(4):684–698, November 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Song:2015:IIQ

[893] Dawei Song, Yanjie Shi, Peng Zhang, Qiang Huang, Udo Kruschwitz, Yuexian Hou, and Bo Wang. Incorporating intra-query term dependencies in an aspect query language model. *Computational Intelligence*, 31 (4):699–720, November 2015. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2016:IITa

[894] Anonymous. Issue information — TOC. *Computational Intelligence*, 32 (1):1, February 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hogg:2016:LHT

[895] Chad Hogg, Héctor Muñoz-Avila, and Ugur Kuter. Learning hierarchical task models from input traces. *Computational Intelligence*, 32(1):3–48, February 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mahmoud:2016:UAO

[896] Sawsan Mahmoud, Ahmad Lotfi, and Caroline Langensiepen. User activities outliers detection; integration of statistical and computational intelligence techniques. *Computational Intelligence*, 32(1):49–71, February 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sensoy:2016:SST

[897] Murat Şensoy, Burcu Yilmaz, and Timothy J. Norman. Stage: Stereotypical trust assessment through graph extraction. *Computational Intelligence*, 32(1):72–101, February 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Duan:2016:EMD

[898] Lei Duan, Guozhu Dong, Xianming Wang, and Changjie Tang. Efficient mining of discriminating relationships among attributes involving arithmetic operations. *Computational Intelligence*, 32(1):102–126, February 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Noorian:2016:PZA

[899] Zeinab Noorian, Stephen Marsh, and Michael Fleming. `zTrust`: Adaptive decentralized trust model for quality of service selection in electronic marketplaces. *Computational Intelligence*, 32(1):127–164, February 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2016:IITb

[900] Anonymous. Issue information — TOC. *Computational Intelligence*, 32 (2):165, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Smith:2016:CEC

[901] Michael R. Smith and Tony Martinez. A comparative evaluation of curriculum learning with filtering and boosting in supervised classification problems. *Computational Intelligence*, 32(2):167–195, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gashler:2016:MVI

[902] Michael S. Gashler, Michael R. Smith, Richard Morris, and Tony Martinez. Missing value imputation with unsupervised backpropagation. *Computational Intelligence*, 32(2):196–215, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abdelhalim:2016:CDT

[903] Amany Abdelhalim, Issa Traore, and Youssef Nakkabi. Creating decision trees from rules using RBDT-1. *Computational Intelligence*, 32(2):216–239, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Guo:2016:MPS

[904] Bin Guo, Yunji Liang, Zhiwen Yu, Minshu Li, and Xingshe Zhou. From mobile phone sensing to human geo-social behavior understanding. *Computational Intelligence*, 32(2):240–258, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kroer:2016:SCI

[905] Christian Kroer, Martin Kjær Svendsen, Rune M. Jensen, Joseph Kiniry, and Eilif Leknes. Symbolic configuration for interactive container ship stowage planning. *Computational Intelligence*, 32(2):259–283, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Feng:2016:CEO

[906] Xiang Feng, Meiyi Ma, and Huiqun Yu. Crystal energy optimization algorithm. *Computational Intelligence*, 32(2):284–322, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2016:IOE

[907] Renxian Zhang, Wenjie Li, Naishi Liu, and Qin Lu. Information ordering with an event-enriched vector space model for multi-document news summarization. *Computational Intelligence*, 32(2):323–351, May 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2016:IITc

[908] Anonymous. Issue information — TOC. *Computational Intelligence*, 32 (3):353, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Deng:2016:MUB

[909] Xiaotie Deng, Paul W. Goldberg, Bo Tang, and Jinshan Zhang. Multi-unit Bayesian auction with demand or budget constraints. *Computational Intelligence*, 32(3):355–368, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

BenHamida:2016:ADT

[910] Sana Ben Hamida, Wafa Abdelmalek, and Fathi Abid. Applying dynamic training-subset selection methods using genetic programming for forecasting implied volatility. *Computational Intelligence*, 32(3):369–390, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2016:RGM

[911] Li Liu, Qianru Wang, Jianzhou Wang, and Ming Liu. A rolling grey model optimized by particle swarm optimization in economic prediction. *Computational Intelligence*, 32(3):391–419, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ng:2016:CIS

[912] Larry Ng and M. Reza Emami. Concurrent individual and social learning in robot teams. *Computational Intelligence*, 32(3):420–438, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bagirov:2016:ACU

[913] Adil M. Bagirov and Ehsan Mohebi. An algorithm for clustering using L_1-norm based on hyperbolic smoothing technique. *Computational Intelligence*, 32(3):439–457, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aryal:2016:GEA

[914] Sunil Aryal and Kai Ming Ting. A generic ensemble approach to estimate multidimensional likelihood in Bayesian classifier learning. *Computational Intelligence*, 32(3):458–479, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hu:2016:DCD

[915] Yeming Hu, Evangelos E. Milios, and James Blustein. Document clustering with dual supervision through feature reweighting. *Computational Intelligence*, 32(3):480–513, August 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2016:IITd

[916] Anonymous. Issue information — TOC. *Computational Intelligence*, 32 (4):515, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2016:NWA

[917] Tianrui Li, Da Ruan, Yongjun Shen, Elke Hermans, and Geert Wets. A new weighting approach based on rough set theory and granular computing for road safety indicator analysis. *Computational Intelligence*, 32(4): 517–534, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Santoni:2016:ADW

[918] Daniele Santoni and Elaheh Pourabbas. Automatic detection of words associations in texts based on joint distribution of words occurrences. *Computational Intelligence*, 32(4):535–560, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gohari:2016:NRF

[919] Faezeh S. Gohari and Mohammad Jafar Tarokh. New recommender framework: Combining semantic similarity fusion and bicluster collaborative filtering. *Computational Intelligence*, 32(4):561–586, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ji:2016:MEM

[920] Junzhong Ji, Lang Jiao, Cuicui Yang, and Jiming Liu. A multiagent evolutionary method for detecting communities in complex networks. *Computational Intelligence*, 32(4):587–614, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bashir:2016:MWV

[921] Saba Bashir, Usman Qamar, and Farhan Hassan Khan. A multicriteria weighted vote-based classifier ensemble for heart disease prediction. *Computational Intelligence*, 32(4):615–645, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shin:2016:FAF

[922] Kilho Shin and Seiya Miyazaki. A fast and accurate feature selection algorithm based on binary consistency measure. *Computational Intelligence*, 32(4):646–667, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cerny:2016:PSR

[923] Martin Černý, Roman Barták, Cyril Brom, and Jakub Gemrot. To plan or to simply react? An experimental study of action planning in a

game environment. *Computational Intelligence*, 32(4):668–710, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Paulraj:2016:SCE

[924] D. Paulraj, S. Swamynathan, Daniel Chandran, K. Balasubadra, and M. Vigilson Prem. Service composition and execution plan generation of composite Semantic Web services using abductive event calculus. *Computational Intelligence*, 32(4):711–737, November 2016. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2017:IIa

[925] Anonymous. Issue information. *Computational Intelligence*, 33(1):1, February 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gervas:2017:DCP

[926] Pablo Gervás. Deconstructing computer poets: Making selected processes available as services. *Computational Intelligence*, 33(1):3–31, February 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Iqbal:2017:CTE

[927] Muhammad Javed Iqbal, Ibrahima Faye, Abas Md Said, and Brahim Belhaouari Samir. Computational technique for an efficient classification of protein sequences with distance-based sequence encoding algorithm. *Computational Intelligence*, 33(1):32–55, February 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2017:EAB

[928] Zhen-Yao Chen and R. J. Kuo. Evolutionary algorithm-based radial basis function neural network training for industrial personal computer sales forecasting. *Computational Intelligence*, 33(1):56–76, February 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yoshida:2017:CSB

[929] Tetsuya Yoshida and Yuu Yamada. A community structure-based approach for network immunization. *Computational Intelligence*, 33(1): 77–98, February 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mahboob:2017:SRT

[930] Vahideh Amel Mahboob, Mehrdad Jalali, Majid Vafaei Jahan, and Pegah Barekati. Swallow: Resource and tag recommender system based on heat diffusion algorithm in social annotation systems. *Computational Intelligence*, 33(1):99–118, February 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Neto:2017:MOT

[931] Antonino A. Feitosa Neto, Anne M. P. Canuto, and Carine A. Dantas. Multiobjective optimization techniques for selecting important metrics in the design of ensemble systems. *Computational Intelligence*, 33(1): 119–143, February 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2017:IIb

[932] Anonymous. Issue information. *Computational Intelligence*, 33(2):145, May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fok:2017:MED

[933] Ricky Fok, Aijun An, and Xiaogang Wang. Mining evolving data streams with particle filters. *Computational Intelligence*, 33(2):147–180, May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Amelio:2017:ECM

[934] Alessia Amelio and Clara Pizzuti. Evolutionary clustering for mining and tracking dynamic multilayer networks. *Computational Intelligence*, 33(2):181–209, May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gupta:2017:ILS

[935] Kavita Gupta, Kusum Deep, and Jagdish Chand Bansal. Improving the local search ability of spider monkey optimization algorithm using quadratic approximation for unconstrained optimization. *Computational Intelligence*, 33(2):210–240, May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

deSilva:2017:FFT

[936] Anthony Mihirana de Silva, Richard I. A. Davis, Syed A. Pasha, and Philip H. W. Leong. Forecasting financial time series with grammar-guided feature generation. *Computational Intelligence*, 33(2):241–261,

May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2017:EPS

[937] Zhimin Chen, Yuanxin Qu, Zhengdong Xi, Yuming Bo, and Bing Liu. Efficient particle swarm optimized particle filter based improved multiple model tracking algorithm. *Computational Intelligence*, 33(2):262–279, May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aloud:2017:ETS

[938] Monira Aloud and Maria Fasli. Exploring trading strategies and their effects in the foreign exchange market. *Computational Intelligence*, 33 (2):280–307, May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2017:LLB

[939] Heli Sun, Jiao Liu, Jianbin Huang, Guangtao Wang, Xiaolin Jia, and Qinbao Song. Linklpa: a link-based label propagation algorithm for overlapping community detection in networks. *Computational Intelligence*, 33(2):308–331, May 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2017:IIc

[940] Anonymous. Issue information. *Computational Intelligence*, 33(3):333, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kozlowski:2017:WSI

[941] Marek Kozlowski and Henryk Rybinski. Word sense induction with closed frequent termsets. *Computational Intelligence*, 33(3):335–367, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Arica:2017:ECS

[942] Nafiz Arica, Aysegul Mut, Alper Yorukcu, and Kadir Alpaslan Demir. An empirical comparison of search approaches for moving agents. *Computational Intelligence*, 33(3):368–400, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mihailescu:2017:PEA

[943] Radu-Casian Mihailescu, Sascha Ossowski, and Matthias Klusch. `ECOOP`: Applying dynamic coalition formation to the power regulation problem

in smart grids. *Computational Intelligence*, 33(3):401–427, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2017:ISR

[944] Wenliang Chen, Muhua Zhu, Min Zhang, Yue Zhang, and Jingbo Zhu. Improving shift-reduce phrase-structure parsing with constituent boundary information. *Computational Intelligence*, 33(3):428–447, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

He:2017:RIA

[945] Jiangning He, Hongyan Liu, Raymond Y. K. Lau, and Jun He. Relationship identification across heterogeneous online social networks. *Computational Intelligence*, 33(3):448–477, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lasisi:2017:FNM

[946] Ramoni O. Lasisi and Vicki H. Allan. False-name manipulation in weighted voting games: Empirical and theoretical analysis. *Computational Intelligence*, 33(3):478–506, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pasillas-Diaz:2017:BSU

[947] José Ramon Pasillas-Díaz and Sylvie Ratté. Bagged subspaces for unsupervised outlier detection. *Computational Intelligence*, 33(3):507–523, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Brown:2017:EHA

[948] Daniel S. Brown, Jeffrey Hudack, Nathaniel Gemelli, and Bikramjit Banerjee. Exact and heuristic algorithms for risk-aware stochastic physical search. *Computational Intelligence*, 33(3):524–553, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Debie:2017:TEF

[949] Essam Debie, Kamran Shafi, Kathryn Merrick, and Chris Lokan. On taxonomy and evaluation of feature selection-based learning classifier system ensemble approaches for data mining problems. *Computational Intelligence*, 33(3):554–578, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Amelio:2017:CCA

[950] Alessia Amelio and Clara Pizzuti. Correction for closeness: Adjusting normalized mutual information measure for clustering comparison. *Com-*

putational Intelligence, 33(3):579–601, August 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2017:IId

[951] Anonymous. Issue information. *Computational Intelligence*, 33(4):603, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Carvalho:2017:SPE

[952] David B. Carvalho, Esteban G. Clua, Cesar T. Pozzer, Erick B. Passos, and Aline Paes. Simulated perceptions for emergent storytelling. *Computational Intelligence*, 33(4):605–628, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Butz:2017:DN

[953] Cory J. Butz, Jhonatan S. Oliveira, and André E. dos Santos. On Darwinian networks. *Computational Intelligence*, 33(4):629–655, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chang:2017:FFB

[954] Yung-Chun Chang, Pi-Hua Chuang, Chien Chin Chen, and Wen-Lian Hsu. Fiser: a feature-based detection system for person interactions. *Computational Intelligence*, 33(4):656–679, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mekouar:2017:ASC

[955] Soufiana Mekouar, El-Houssine Bouyakhf, Sihame El-Hammani, and Khalil Ibrahimi. Access and sharing contents through the social network: a POMDP approach. *Computational Intelligence*, 33(4):680–705, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wakaki:2017:ABA

[956] Toshiko Wakaki. Assumption-based argumentation equipped with preferences and its application to decision making, practical reasoning, and epistemic reasoning. *Computational Intelligence*, 33(4):706–736, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sarathambekai:2017:TSD

[957] S. Sarathambekai and K. Umamaheswari. Task scheduling in distributed systems using heap intelligent discrete particle swarm optimization.

Computational Intelligence, 33(4):737–770, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aloud:2017:MHF

[958] Monira Aloud, Maria Fasli, Edward Tsang, Alexander Dupuis, and Richard Olsen. Modeling the high-frequency fx market: an agent-based approach. *Computational Intelligence*, 33(4):771–825, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hadfi:2017:TSU

[959] Rafik Hadfi, Sho Tokuda, and Takayuki Ito. Traffic simulation in urban networks using stochastic cell transmission model. *Computational Intelligence*, 33(4):826–842, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Baranwal:2017:RTG

[960] Neha Baranwal, G. C. Nandi, and Avinash Kumar Singh. Real-time gesture-based communication using possibility theory-based hidden Markov model. *Computational Intelligence*, 33(4):843–862, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2017:DSC

[961] Shuqin Wang, Jinmao Wei, and Zhenglu Yang. Discrimination structure complementarity-based feature selection. *Computational Intelligence*, 33 (4):863–898, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kafali:2017:AOA

[962] Özgür Kafalı, Alfonso E. Romero, and Kostas Stathis. Agent-oriented activity recognition in the event calculus: an application for diabetic patients. *Computational Intelligence*, 33(4):899–925, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sanchez-Ruiz:2017:SPS

[963] Antonio A. Sánchez-Ruiz and Santiago Ontañón. Structural plan similarity based on refinements in the space of partial plans. *Computational Intelligence*, 33(4):926–947, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bashar:2017:CAT

[964] Md Abul Bashar, Yuefeng Li, Yan Shen, Yang Gao, and Wei Huang. Conceptual annotation of text patterns. *Computational Intelligence*, 33

(4):948–979, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Karimi-Majd:2017:MAD

[965] Amir-Mohsen Karimi-Majd and Mohammad Fathian. Multiobjective approach for detecting communities in heterogeneous networks. *Computational Intelligence*, 33(4):980–1004, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abedi:2017:DCS

[966] Zahra Abedi, Nadia Naghavi, and Fariborz Rezaeitalab. Detection and classification of sleep apnea using genetic algorithms and SVM-based classification of thoracic respiratory effort and oximetric signal features. *Computational Intelligence*, 33(4):1005–1018, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jegan:2017:EMP

[967] Thankaraj Mariapushpam Chenthil Jegan and Durairaj Ravindran. Electrochemical machining process parameter optimization using particle swarm optimization. *Computational Intelligence*, 33(4):1019–1037, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Assad:2017:TPH

[968] Assif Assad and Kusum Deep. A two-phase harmony search algorithm for continuous optimization. *Computational Intelligence*, 33(4):1038–1075, November 2017. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2018:IIa

[969] Anonymous. Issue information. *Computational Intelligence*, 34(1):1, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Trani:2018:SUA

[970] Salvatore Trani, Claudio Lucchese, Raffaele Perego, David E. Losada, Diego Ceccarelli, and Salvatore Orlando. Sel: a unified algorithm for salient entity linking. *Computational Intelligence*, 34(1):2–29, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Oevermann:2018:ACC

[971] Jan Oevermann and Wolfgang Ziegler. Automated classification of content components in technical communication. *Computational Intelli-*

gence, 34(1):30–48, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Matsui:2018:LAM

[972] Toshihiro Matsui, Hiroshi Matsuo, Marius Silaghi, Katsutoshi Hirayama, and Makoto Yokoo. Leximin asymmetric multiple objective distributed constraint optimization problem. *Computational Intelligence*, 34(1):49–84, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fujita:2018:CAS

[973] Katsuhide Fujita. Compromising adjustment strategy based on tki conflict mode for multi-times bilateral closed negotiations. *Computational Intelligence*, 34(1):85–103, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jiang:2018:HAJ

[974] Guifei Jiang, Dongmo Zhang, and Laurent Perrussel. A hierarchical approach to judgment aggregation with abstentions. *Computational Intelligence*, 34(1):104–123, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fani:2018:FDL

[975] Hossein Fani, Ebrahim Bagheri, Fattane Zarrinkalam, Xin Zhao, and Weichang Du. Finding diachronic like-minded users. *Computational Intelligence*, 34(1):124–144, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Eude:2018:OCS

[976] Thierry Eude and Chuan Chang. One-class SVM for biometric authentication by keystroke dynamics for remote evaluation. *Computational Intelligence*, 34(1):145–160, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Maalouf:2018:LRL

[977] Maher Maalouf, Dirar Homouz, and Theodore B. Trafalis. Logistic regression in large rare events and imbalanced data: a performance comparison of prior correction and weighting methods. *Computational Intelligence*, 34(1):161–174, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abbaszadeh:2018:DCW

[978] Peyman Abbaszadeh, Atieh Alipour, and Shahrokh Asadi. Development of a coupled wavelet transform and evolutionary Levenberg–Marquardt neural networks for hydrological process modeling. *Computational Intelligence*, 34(1):175–199, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Almeida:2018:OSM

[979] Hayda Almeida, Ludovic Jean-Louis, and Marie-Jean Meurs. An open source and modular search engine for biomedical literature retrieval. *Computational Intelligence*, 34(1):200–218, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xiang:2018:NMB

[980] Yang Xiang and Qian Jiang. NAT model-based compression of Bayesian network CPTs over multivalued variables. *Computational Intelligence*, 34 (1):219–240, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abedinia:2018:SEF

[981] Oveis Abedinia, Nima Amjady, and Noradin Ghadimi. Solar energy forecasting based on hybrid neural network and improved metaheuristic algorithm. *Computational Intelligence*, 34(1):241–260, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dong:2018:TEA

[982] Yue Dong and Nathalie Japkowicz. Threaded ensembles of autoencoders for stream learning. *Computational Intelligence*, 34(1):261–281, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mirsaleh:2018:BEE

[983] Mehdi Rezapoor Mirsaleh and Mohammad Reza Meybodi. Balancing exploration and exploitation in memetic algorithms: a learning automata approach. *Computational Intelligence*, 34(1):282–309, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Buscema:2018:AAR

[984] Paolo Massimo Buscema, Giulia Massini, Marco Fabrizi, Marco Breda, and Francesca Della Torre. The ANNS approach to DEM reconstruction. *Computational Intelligence*, 34(1):310–344, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2018:MMI

[985] Jingfei Li, Xiaozhao Zhao, Peng Zhang, and Dawei Song. Modeling multiple interactions with a Markov random field in query expansion for session search. *Computational Intelligence*, 34(1):345–362, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rajalakshmi:2018:NBA

[986] R. Rajalakshmi and Chandrabose Aravindan. A naive Bayes approach for URL classification with supervised feature selection and rejection framework. *Computational Intelligence*, 34(1):363–396, February 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2018:IIb

[987] Anonymous. Issue information. *Computational Intelligence*, 34(2):397, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Granell:2018:MIC

[988] Emilio Granell, Verónica Romero, and Carlos D. Martínez-Hinarejos. Multimodality, interactivity, and crowdsourcing for document transcription. *Computational Intelligence*, 34(2):398–419, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gotti:2018:FWE

[989] Fabrizio Gotti and Philippe Langlais. From French Wikipedia to Erudit: a test case for cross-domain open information extraction. *Computational Intelligence*, 34(2):420–439, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sharma:2018:LSS

[990] Shiven Sharma, Anil Somayaji, and Nathalie Japkowicz. Learning over subconcepts: Strategies for 1-class classification. *Computational Intelligence*, 34(2):440–467, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Barakat:2018:TPA

[991] Lina Barakat, Phillip Taylor, Nathan Griffiths, Adel Taweel, Michael Luck, and Simon Miles. Toward personalized and adaptive QoS assessments via context awareness. *Computational Intelligence*, 34(2):468–494, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saremi:2018:IED

[992] Mehrin Saremi and Farzin Yaghmaee. Improving evolutionary decision tree induction with multi-interval discretization. *Computational Intelligence*, 34(2):495–514, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aref:2018:HTM

[993] Abdullah Aref and Thomas Tran. A hybrid trust model using reinforcement learning and fuzzy logic. *Computational Intelligence*, 34(2):515–541, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zuckerman:2018:AGT

[994] Inon Zuckerman, Brandon Wilson, and Dana S. Nau. Avoiding game-tree pathology in 2-player adversarial search. *Computational Intelligence*, 34(2):542–561, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Seera:2018:HFC

[995] Manjeevan Seera, Chee Peng Lim, and Shing Chiang Tan. A hybrid FAM-CART model for online data classification. *Computational Intelligence*, 34(2):562–581, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mamun:2018:PSN

[996] Mohammad Saiful Islam Mamun, Ali A. Ghorbani, Atsuko Miyaji, and Uyen Trang Nguyen. `Supauth`: a new approach to supply chain authentication for the IoT. *Computational Intelligence*, 34(2):582–602, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gkiokas:2018:CAM

[997] Alexandros Gkiokas and Alexandra I. Cristea. Cognitive agents and machine learning by example: Representation with conceptual graphs. *Computational Intelligence*, 34(2):603–634, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jiao:2018:VDS

[998] Wenpin Jiao and Yanchun Sun. A values-driven self-organization mechanism for automating multiagent coordination. *Computational Intelligence*, 34(2):635–678, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yasir:2018:CBC

[999] Muhammad Yasir, Martin Purvis, Maryam Purvis, and Bastin Tony Roy Savarimuthu. Complementary-based coalition formation for energy microgrids. *Computational Intelligence*, 34(2):679–712, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chauhan:2018:PCA

[1000] Sachendra Singh Chauhan and Shalini Batra. A parallel computational approach for similarity search using Bloom filters. *Computational Intelligence*, 34(2):713–733, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kharma:2018:AIS

[1001] Nawwaf Kharma, Anton Mazhurin, Kamil Saigol, and Farzad Sabahi. Adaptable image segmentation via simple pixel classification. *Computational Intelligence*, 34(2):734–762, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2018:UPB

[1002] Olivier Wang, Christian de Sainte Marie, Changhai Ke, and Leo Liberti. Universality and prediction in business rules. *Computational Intelligence*, 34(2):763–785, May 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2018:IIc

[1003] Anonymous. Issue information. *Computational Intelligence*, 34(3):787, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Inkpen:2018:E

[1004] Diana Inkpen. Editorial. *Computational Intelligence*, 34(3):788, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Butz:2018:SMT

[1005] Cory J. Butz, André E. dos Santos, Jhonatan S. Oliveira, and Christophe Gonzales. On a simple method for testing independencies in Bayesian networks. *Computational Intelligence*, 34(3):789–801, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mehrjoo:2018:ODA

[1006] Saeed Mehrjoo and Farshad Khunjush. Optimal data aggregation tree in wireless sensor networks based on improved river formation dynamics. *Computational Intelligence*, 34(3):802–820, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nigenda:2018:DEP

[1007] R. Sanchez Nigenda, C. Maya Padrón, I. Martínez-Salazar, and F. Torres-Guerrero. Design and evaluation of planning and mathematical models for generating learning paths. *Computational Intelligence*, 34(3):821–838, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Singh:2018:CBC

[1008] Pawan Kumar Singh, Ram Sarkar, and Mita Nasipuri. Correlation-based classifier combination in the field of pattern recognition. *Computational Intelligence*, 34(3):839–874, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kokkinos:2018:BDR

[1009] Yiannis Kokkinos and Konstantinos G. Margaritis. Big data regression with parallel enhanced and convex incremental extreme learning machines. *Computational Intelligence*, 34(3):875–894, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kowalski:2018:DSI

[1010] Piotr A. Kowalski and Maciej Kusy. Determining significance of input neurons for probabilistic neural network by sensitivity analysis procedure. *Computational Intelligence*, 34(3):895–916, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2018:IIS

[1011] Zhimin Chen, Mengchu Tian, Yuming Bo, and Xiaodong Ling. Improved infrared small target detection and tracking method based on new intelligence particle filter. *Computational Intelligence*, 34(3):917–938, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rakib:2018:ITR

[1012] Rashadul Hasan Rakib, Aminul Islam, and Evangelos Milios. Improving text relatedness by incorporating phrase relatedness with word relatedness. *Computational Intelligence*, 34(3):939–966, August 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2018:IId

[1013] Anonymous. Issue information. *Computational Intelligence*, 34(4):967, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bandaragoda:2018:IBA

[1014] Tharindu R. Bandaragoda, Kai Ming Ting, David Albrecht, Fei Tony Liu, Ye Zhu, and Jonathan R. Wells. Isolation-based anomaly detection using nearest-neighbor ensembles. *Computational Intelligence*, 34 (4):968–998, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Choong:2018:DFB

[1015] Shin Siang Choong, Li-Pei Wong, and Chee Peng Lim. A dynamic fuzzy-based dance mechanism for the bee colony optimization algorithm. *Computational Intelligence*, 34(4):999–1024, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gupta:2018:RWG

[1016] Shubham Gupta and Kusum Deep. Random walk grey wolf optimizer for constrained engineering optimization problems. *Computational Intelligence*, 34(4):1025–1045, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Javed:2018:PPQ

[1017] Saleha Javed and Kashif Zafar. Player profiling and quality assessment of dynamic car racing tracks using entertainment quantifier technique. *Computational Intelligence*, 34(4):1046–1071, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Panda:2018:OPP

[1018] M. R. Panda, P. K. Das, S. Dutta, and S. K. Pradhan. Optimal path planning for mobile robots using oppositional invasive weed optimization. *Computational Intelligence*, 34(4):1072–1100, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2018:UFC

[1019] Jun Li and Xiaofu Xu. Unified forms of the CDR method of approximate reasoning on Antanassov's intuitionistic fuzzy sets and its property analysis. *Computational Intelligence*, 34(4):1101–1121, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tamouk:2018:MMM

[1020] Jamshid Tamouk and Adnan Acan. A multimetric and multideme multiagent system for multiobjective optimization. *Computational Intelligence*, 34(4):1122–1154, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2018:GBD

[1021] Qian Li, Kai Huang, Bin Wu, Yunpeng Xiao, and Bai Wang. Group behavior diffusion model of social hotspots based on triadic structure and factor graphs. *Computational Intelligence*, 34(4):1155–1177, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xu:2018:TIO

[1022] Jinwei Xu, Jiankun Hu, and Xiuping Jia. A target image-oriented dictionary learning-based method for fully automated latent fingerprint forensic. *Computational Intelligence*, 34(4):1178–1198, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2018:DSB

[1023] Heli Sun, Hongxia Du, Jianbin Huang, Zhongbin Sun, Liang He, Xiaolin Jia, and Zhongmeng Zhao. Detecting semantic-based communities in node-attributed graphs. *Computational Intelligence*, 34(4):1199–1222, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2018:DAD

[1024] Zhimin Chen, Yuanxin Qu, Yuming Bo, Xiaodong Ling, and Yongliang Zhang. A dynamic adaptive deviation registration algorithm for heterogeneous sensors. *Computational Intelligence*, 34(4):1223–1244, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mnif:2018:IMS

[1025] Salima Mnif, Saber Darmoul, Sabeur Elkosantini, and Lamjed Ben Said. An immune multiagent system to monitor and control public bus transportation systems. *Computational Intelligence*, 34(4):1245–1276, November 2018. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2019:NUF

[1026] Anonymous. A new unsupervised feature selection algorithm using similarity-based feature clustering. *Computational Intelligence*, 35(1):

1, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhu:2019:NUF

[1027] Xiaoyan Zhu, Yu Wang, Yingbin Li, Yonghui Tan, Guangtao Wang, and Qinbao Song. A new unsupervised feature selection algorithm using similarity-based feature clustering. *Computational Intelligence*, 35(1): 2–22, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Seifollahi:2019:SAB

[1028] Sattar Seifollahi, Adil Bagirov, Ehsan Zare Borzeshi, and Massimo Piccardi. A simulated annealing-based maximum-margin clustering algorithm. *Computational Intelligence*, 35(1):23–41, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aghdam:2019:SNO

[1029] Rosa Aghdam, Vahid Rezaei Tabar, and Hamid Pezeshk. Some node ordering methods for the K2 algorithm. *Computational Intelligence*, 35 (1):42–58, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sagayam:2019:PMS

[1030] K. Martin Sagayam and D. Jude Hemanth. A probabilistic model for state sequence analysis in hidden Markov model for hand gesture recognition. *Computational Intelligence*, 35(1):59–81, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sobhani:2019:EDN

[1031] Parinaz Sobhani, Diana Inkpen, and Xiaodan Zhu. Exploring deep neural networks for multitarget stance detection. *Computational Intelligence*, 35 (1):82–97, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Prajapati:2019:MMO

[1032] Amarjeet Prajapati and Jitender Kumar Chhabra. Madhs: Many-objective discrete harmony search to improve existing package design. *Computational Intelligence*, 35(1):98–123, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Basegio:2019:AST

[1033] Tulio L. Basegio and Rafael H. Bordini. Allocating structured tasks in heterogeneous agent teams. *Computational Intelligence*, 35(1):124–155,

February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zaher:2019:AMA

[1034] Amer Abu Zaher, Regina Berretta, Nasimul Noman, and Pablo Moscato. An adaptive memetic algorithm for feature selection using proximity graphs. *Computational Intelligence*, 35(1):156–183, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pham:2019:BET

[1035] Hieu Pham and Sigurdur Olafsson. Bagged ensembles with tunable parameters. *Computational Intelligence*, 35(1):184–203, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheng:2019:FST

[1036] Haitao Cheng, Li Yan, Zongmin Ma, and Slobodan Ribarić. Fuzzy spatio-temporal ontologies and formal construction based on fuzzy Petri nets. *Computational Intelligence*, 35(1):204–239, February 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2019:IIa

[1037] Anonymous. Issue information. *Computational Intelligence*, 35(2):241, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mittelbach:2019:GLF

[1038] Frank Mittelbach. A general LuaTEX framework for globally optimized pagination. *Computational Intelligence*, 35(2):242–284, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Matheus:2019:SNM

[1039] Christopher J. Matheus, Aidan Boran, Dominic Carr, Rem W. Collier, Barnard Kroon, Olga Murdoch, David Lillis, Michael J. O'Grady, and Gregory M. P. O'Hare. Semantic network management for next-generation networks. *Computational Intelligence*, 35(2):285–309, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zheng:2019:GMF

[1040] Hui Zheng, Jing He, Yanchun Zhang, Guangyan Huang, Zhenjiang Zhang, and Qing Liu. A general model for fuzzy decision tree and fuzzy random forest. *Computational Intelligence*, 35(2):310–335, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2019:UTM

[1041] Lei Liu, Rares Vernica, Tamir Hassan, and Niranjan Damera Venkata. Using text mining for personalization and recommendation for an enriched hybrid learning experience. *Computational Intelligence*, 35(2): 336–370, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tripathi:2019:NHC

[1042] Diwakar Tripathi, Damodar Reddy Edla, Ramalingaswamy Cheruku, and Venkatanareshbabu Kuppili. A novel hybrid credit scoring model based on ensemble feature selection and multilayer ensemble classification. *Computational Intelligence*, 35(2):371–394, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chrpa:2019:IEN

[1043] Lukáš Chrpa, Mauro Vallati, and Thomas Leo McCluskey. Inner entanglements: Narrowing the search in classical planning by problem reformulation. *Computational Intelligence*, 35(2):395–429, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kala:2019:SIO

[1044] Rahul Kala. On sampling inside obstacles for boosted sampling of narrow corridors. *Computational Intelligence*, 35(2):430–447, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

FernandezVilas:2019:ACM

[1045] Ana Fernández Vilas, Rebeca P. Díaz Redondo, and Mohamed Ben Khalifa. Analysis of crowds' movement using Twitter. *Computational Intelligence*, 35(2):448–472, May 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2019:IIb

[1046] Anonymous. Issue information. *Computational Intelligence*, 35(3):473, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pang:2019:E

[1047] Shaoning Pang, Xuyun Zhang, Kazushi Ikeda, Deepak Puthal, Jianxin Li, and Abdolhossein Sarrafzadeh. Editorial. *Computational Intelligence*, 35(3):474–475, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xu:2019:MCO

[1048] Xiaolong Xu, Shucun Fu, Yuan Yuan, Yun Luo, Lianyong Qi, Wenmin Lin, and Wanchun Dou. Multiobjective computation offloading for workflow management in cloudlet-based mobile cloud using NSGA-II. *Computational Intelligence*, 35(3):476–495, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gao:2019:HRA

[1049] Wenjing Gao, Yonghua Zhu, Wenjun Zhang, Ke Zhang, and Honghao Gao. A hierarchical recurrent approach to predict scene graphs from a visual-attention-oriented perspective. *Computational Intelligence*, 35 (3):496–516, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2019:FDD

[1050] Min Li, Shaohua Wan, Zhongmin Deng, and Yajun Wang. Fabric defect detection based on saliency histogram features. *Computational Intelligence*, 35(3):517–534, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wu:2019:DSL

[1051] Yirui Wu, Lianglei Wei, and Yucong Duan. Deep spatiotemporal LSTM network with temporal pattern feature for 3D human action recognition. *Computational Intelligence*, 35(3):535–554, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2019:ESM

[1052] Meng Liu, Yun Luo, Priyadarsi Nanda, Shui Yu, and Jianbing Zhang. Efficient solution to the millionaires' problem based on asymmetric commutative encryption scheme. *Computational Intelligence*, 35(3):555–576, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Meng:2019:FTD

[1053] Shunmei Meng, Qianmu Li, Taoran Wu, Weijia Huang, Jing Zhang, and Weimin Li. A fault-tolerant dynamic scheduling method on hierarchical mobile edge cloud computing. *Computational Intelligence*, 35(3):577–598, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jin:2019:MRC

[1054] Rize Jin, Liangfu Lu, Joomin Lee, and Anwar Usman. Multi-representational convolutional neural networks for text classification. *Computational Intelligence*, 35(3):599–609, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2019:IBC

[1055] Yuan Zhang, Jin Zhang, Shan Ju, and Lu Qiu. Identifying biomarker candidates of influenza infection based on scalable time-course big data of gene expression. *Computational Intelligence*, 35(3):610–624, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ogura:2019:GOR

[1056] Katsuya Ogura, Yuma Yamada, Shugo Kajita, Hirozumi Yamaguchi, Teruo Higashino, and Mineo Takai. Ground object recognition and segmentation from aerial image-based 3D point cloud. *Computational Intelligence*, 35(3):625–642, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2019:IEI

[1057] Zhihua Zhang, Yuta Takahashi, Manato Fujimoto, Yutaka Arakawa, and Keiichi Yasumoto. Investigating effects of interactive signage-based stimulation for promoting behavior change. *Computational Intelligence*, 35 (3):643–668, August 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2019:IIc

[1058] Anonymous. Issue information. *Computational Intelligence*, 35(4):669, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hidalgo:2019:EPV

[1059] Juan I. González Hidalgo, Bruno I. F. Maciel, and Roberto S. M. Barros. Experimenting with prequential variations for data stream learning evaluation. *Computational Intelligence*, 35(4):670–692, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tufail:2019:RDS

[1060] Hina Tufail, Kashif Zafar, and Abdul Rauf Baig. Relational database security using digital watermarking and evolutionary techniques. *Computational Intelligence*, 35(4):693–716, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Parouha:2019:NNE

[1061] Raghav Prasad Parouha. Nonconvex/nonsmooth economic load dispatch using modified time-varying particle swarm optimization. *Computational Intelligence*, 35(4):717–744, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cenamor:2019:PDI

[1062] Isabel Cenamor, Mauro Vallati, and Lukáš Chrpa. On the predictability of domain-independent temporal planners. *Computational Intelligence*, 35(4):745–773, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ibrahim:2019:RCR

[1063] Muhammad Ibrahim. Reducing correlation of random forest-based learning-to-rank algorithms using subsample size. *Computational Intelligence*, 35(4):774–798, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Thomas:2019:IHA

[1064] Anu Thomas and S. Sangeetha. An innovative hybrid approach for extracting named entities from unstructured text data. *Computational Intelligence*, 35(4):799–826, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Munoz-Texzocotetla:2019:EBA

[1065] Orlando Muñoz-Texzocotetla and René MacKinney-Romero. An evolutionary-based approach for dealing with numerical and categorical attributes in ILP. *Computational Intelligence*, 35(4):827–857, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ponza:2019:PSS

[1066] Marco Ponza, Paolo Ferragina, and Francesco Piccinno. `Swat`: a system for detecting salient Wikipedia entities in texts. *Computational Intelligence*, 35(4):858–890, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kazllarof:2019:ALR

[1067] Vangjel Kazllarof, Stamatis Karlos, and Sotiris Kotsiantis. Active learning rotation forest for multiclass classification. *Computational Intelligence*, 35(4):891–918, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Elmasry:2019:ESM

[1068] Wisam Elmasry, Akhan Akbulut, and Abdul Halim Zaim. Empirical study on multiclass classification-based network intrusion detection. *Computational Intelligence*, 35(4):919–954, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Burns:2019:AAR

[1069] Richard Burns, Sandra Carberry, and Stephanie Elzer Schwartz. An automated approach for the recognition of intended messages in grouped bar charts. *Computational Intelligence*, 35(4):955–1002, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lingden:2019:NMU

[1070] P. Lingden, Abeer Alsadoon, P. W. C. Prasad, Omar Hisham Alsadoon, Rasha S. Ali, and Vinh Tran Quoc Nguyen. A novel modified undersampling (MUS) technique for software defect prediction. *Computational Intelligence*, 35(4):1003–1020, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Erlin:2019:PDP

[1071] Tian Erlin, Abdol Ghaffar Ebadi, Dinesh Mavaluru, Mohammed Alshehri, Ahmed Abo-Bakr Mohamed, and Behnam Sobhani. Parameter derivation of a proton exchange membrane fuel cell based on coevolutionary ribonucleic acid genetic algorithm. *Computational Intelligence*, 35(4):1021–1041, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

R:2019:SDM

[1072] Muthusami R and Bharathi A. Stance detection and mobile app recommendation discourse on tweets. *Computational Intelligence*, 35(4): 1042–1059, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bacciu:2019:AIA

[1073] Davide Bacciu, Maurizio Di Rocco, Mauro Dragone, Claudio Gallicchio, Alessio Micheli, and Alessandro Saffiotti. An ambient intelligence approach for learning in smart robotic environments. *Computational Intelligence*, 35(4):1060–1087, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Qureshi:2019:ATL

[1074] Aqsa Saeed Qureshi and Asifullah Khan. Adaptive transfer learning in deep neural networks: Wind power prediction using knowledge transfer from region to region and between different task domains. *Computational Intelligence*, 35(4):1088–1112, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wu:2019:ITF

[1075] Tong Wu, Xinwang Liu, and Jindong Qin. An interval type-2 fuzzy trust evaluation model in social commerce. *Computational Intelligence*, 35(4): 1113–1131, November 2019. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2020:IIa

[1076] Anonymous. Issue information. *Computational Intelligence*, 36(1):1, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vasant:2020:E

[1077] Pandian Vasant, Gerhard-Wilhelm Weber, and Igor S. Litvinchev. Editorial. *Computational Intelligence*, 36(1):2–3, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Goli:2020:MFM

[1078] Alireza Goli, Hasan Khademi Zare, Reza Tavakkoli-Moghaddam, and Ahmad Sadegheih. Multiobjective fuzzy mathematical model for a financially constrained closed-loop supply chain with labor employment. *Computational Intelligence*, 36(1):4–34, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lee:2020:AOS

[1079] Kwon-Hee Lee, Gyung-Il Jeong, and Seong-Hyeong Lee. An approximate optimization strategy using refined hybrid metamodel. *Computational Intelligence*, 36(1):35–54, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zeng:2020:NOM

[1080] Xiangyu Zeng and Stephen Berti. New optimization method based on energy management in microgrids based on energy storage systems and combined heat and power. *Computational Intelligence*, 36(1):55–79, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tirkolaee:2020:RGT

[1081] Erfan Babaee Tirkolaee, Shaghayegh Hadian, Gerhard-Wilhelm Weber, and Iraj Mahdavi. A robust green traffic-based routing problem for perishable products distribution. *Computational Intelligence*, 36(1):80–101, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shukla:2020:ICG

[1082] Alok Kumar Shukla. Identification of cancerous gene groups from microarray data by employing adaptive genetic and support vector machine technique. *Computational Intelligence*, 36(1):102–131, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Punurai:2020:NHM

[1083] Wonsiri Punurai, Md Samdani Azad, Nantiwat Pholdee, Sujin Bureerat, and Chana Sinsabvarodom. A novel hybridized metaheuristic technique in enhancing the diagnosis of cross-sectional dent damaged offshore platform members. *Computational Intelligence*, 36(1):132–150, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Huo:2020:IOB

[1084] Liuwei Huo, Dingde Jiang, Zhihan Lv, and Surjit Singh. An intelligent optimization-based traffic information acquirement approach to software-defined networking. *Computational Intelligence*, 36(1):151–171, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tayal:2020:EAS

[1085] Akash Tayal, Utku Kose, Arun Solanki, Anand Nayyar, and José Antonio Marmolejo Saucedo. Efficiency analysis for stochastic dynamic facility layout problem using meta-heuristic, data envelopment analysis and machine learning. *Computational Intelligence*, 36(1):172–202, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Paredes-Valverde:2020:IIT

[1086] Mario A. Paredes-Valverde, Giner Alor-Hernández, Jorge L. García-Alcaráz, María del Pilar Salas-Zárate, Luis O. Colombo-Mendoza, and José L. Sánchez-Cervantes. IntelliHome: an Internet of Things-based system for electrical energy saving in smart home environment. *Computational Intelligence*, 36(1):203–224, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mir:2020:EGP

[1087] Mahdi Mir, Mohammad Dayyani, Tole Sutikno, Morteza Mohammadi Zanjireh, and Navid Razmjooy. Employing a Gaussian particle swarm optimization method for tuning multi input multi output-fuzzy system as an integrated controller of a micro-grid with stability analysis. *Computational Intelligence*, 36(1):225–258, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gong:2020:BTD

[1088] Shu Gong, Wei Gao, and Francis Abza. Brain tumor diagnosis based on artificial neural network and a chaos whale optimization algorithm. *Computational Intelligence*, 36(1):259–275, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hematian:2020:MIM

[1089] Milad Hematian, Mir Mehdi Seyyed Esfahani, Iraj Mahdavi, Nezam Mahdavi-Amiri, and Javad Rezaeian. A multiobjective integrated multi-project scheduling and multiskilled workforce assignment model considering learning effect under uncertainty. *Computational Intelligence*, 36 (1):276–296, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ozogur-Akyuz:2020:ECP

[1090] Süreyya Özöğür-Akyüz, Buse Çisil Otar, and Pınar Karadayı Atas. Ensemble cluster pruning via convex-concave programming. *Computational Intelligence*, 36(1):297–319, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Panda:2020:ISH

[1091] Nibedan Panda and Santosh Kumar Majhi. Improved spotted hyena optimizer with space transformational search for training pi-sigma higher order neural network. *Computational Intelligence*, 36(1):320–350, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Banharnsakun:2020:ABC

[1092] Anan Banharnsakun. Artificial bee colony algorithm for content-based image retrieval. *Computational Intelligence*, 36(1):351–367, February 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2020:IIb

[1093] Anonymous. Issue information. *Computational Intelligence*, 36(2):369, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mendoza:2020:DCL

[1094] Julio Mendoza and Helio Pedrini. Detection and classification of lung nodules in chest X-ray images using deep convolutional neural networks. *Computational Intelligence*, 36(2):370–401, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kuppili:2020:CSC

[1095] Venkatanareshbabu Kuppili, Diwakar Tripathi, and Damodar Reddy Edla. Credit score classification using spiking extreme learning machine. *Computational Intelligence*, 36(2):402–426, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

El-Dahshan:2020:IMC

[1096] El-Sayed A. El-Dahshan and Mahmoud M. Bassiouni. Intelligent methodologies for cardiac sound signals analysis and characterization in cepstrum and time-scale domains. *Computational Intelligence*, 36(2): 427–458, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zamzami:2020:PDM

[1097] Nuha Zamzami, Rua Alsuroji, Oboh Eromonsele, and Nizar Bouguila. Proportional data modeling via selection and estimation of a finite mixture of scaled Dirichlet distributions. *Computational Intelligence*, 36(2): 459–485, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jian:2020:TBT

[1098] Fanghong Jian, Jimmy X. Huang, Jiashu Zhao, Zhiwei Ying, and Yuqi Wang. A topic-based term frequency normalization framework to enhance probabilistic information retrieval. *Computational Intelligence*, 36 (2):486–521, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Silva:2020:PCS

[1099] Ronan Assumpção Silva, Alceu de Souza Britto, Jr., Fabricio Enembreck, Robert Sabourin, and Luiz E. S. de Oliveira. CSBF: a static ensemble fusion method based on the centrality score of complex networks. *Compu-*

tational Intelligence, 36(2):522–556, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

S:2020:SMB

[1100] Anguraj S, Shantharajah S P, and Jeba Emilyn J. A steganographic method based on optimized audio embedding technique for secure data communication in the Internet of Things. *Computational Intelligence*, 36(2):557–573, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Peignier:2020:ESC

[1101] Sergio Peignier, Christophe Rigotti, and Guillaume Beslon. Evolutionary subspace clustering using variable genome length. *Computational Intelligence*, 36(2):574–612, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dutta:2020:OMR

[1102] Prasenjit Dutta, Mrinmoy Majumder, and Subhash Chandra Panja. Optimization of material removal rate in wire Edm by polynomial neural network models. *Computational Intelligence*, 36(2):613–636, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dodia:2020:LDU

[1103] Shubham Dodia, Damodar R. Edla, Annushree Bablani, and Ramalingaswamy Cheruku. Lie detection using extreme learning machine: a concealed information test based on short-time Fourier transform and binary bat optimization using a novel fitness function. *Computational Intelligence*, 36(2):637–658, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sori:2020:EAB

[1104] Ali Abbaszadeh Sori, Ali Ebrahimnejad, and Homayun Motameni. Elite artificial bees' colony algorithm to solve robot's fuzzy constrained routing problem. *Computational Intelligence*, 36(2):659–681, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saravanan:2020:RUR

[1105] M. Saravanan and P. Ganeshkumar. Routing using reinforcement learning in vehicular ad hoc networks. *Computational Intelligence*, 36(2):682–697, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kong:2020:ADB

[1106] Fanchao Kong and Quanxin Zhu. Antiperiodic dynamical behaviors of discontinuous neutral-type Cohen–Grossberg neural networks with mixed time delays. *Computational Intelligence*, 36(2):698–719, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Esterle:2020:DAT

[1107] Lukas Esterle and Peter R. Lewis. Distributed autonomy and trade-offs in online multiobject k-coverage. *Computational Intelligence*, 36(2):720–742, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

deAraujo:2020:LAL

[1108] Diego Fernandes de Araújo, Carlos Eduardo Santos Pires, and Dimas Cassimiro Nascimento. Leveraging active learning to reduce human effort in the generation of ground-truth for entity resolution. *Computational Intelligence*, 36(2):743–772, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sumathi:2020:IFW

[1109] G. Sumathi and J. Akilandeswari. Improved fuzzy weighted-iterative association rule based ontology postprocessing in data mining for query recommendation applications. *Computational Intelligence*, 36(2):773–782, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chaghari:2020:CTR

[1110] Arash Chaghari, Mohammad-Reza Feizi-Derakhshi, and Mohammad-Ali Balafar. The combination of term relations analysis and weighted frequent itemset model for multidocument summarization. *Computational Intelligence*, 36(2):783–812, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sheela:2020:IBL

[1111] Maria Antony Sahaya Sheela and Rajendran Prabakaran. Improvement of battery lifetime in software-defined network using particle swarm optimization based cluster-head gateway switch routing protocol with fuzzy rules. *Computational Intelligence*, 36(2):813–823, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zarei:2020:DCS

[1112] Bagher Zarei and Mohammad Reza Meybodi. Detecting community structure in complex networks using genetic algorithm based on object migrating automata. *Computational Intelligence*, 36(2):824–860, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Huddar:2020:MLF

[1113] Mahesh G. Huddar, Sanjeev S. Sannakki, and Vijay S. Rajpurohit. Multi-level feature optimization and multimodal contextual fusion for sentiment analysis and emotion classification. *Computational Intelligence*, 36(2): 861–881, May 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2020:IIc

[1114] Anonymous. Issue information. *Computational Intelligence*, 36(3):883, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Beed:2020:HMO

[1115] Romit Beed, Arindam Roy, Sunita Sarkar, and Durba Bhattacharya. A hybrid multi-objective tour route optimization algorithm based on particle swarm optimization and artificial bee colony optimization. *Computational Intelligence*, 36(3):884–909, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Elsayed:2020:RGC

[1116] Nelly Elsayed, Anthony S. Maida, and Magdy Bayoumi. Reduced-gate convolutional long short-term memory using predictive coding for spatiotemporal prediction. *Computational Intelligence*, 36(3):910–939, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kumar:2020:TAF

[1117] T. Rajesh Kumar, G. R. Suresh, S. Kanaga Subaraja, and C. Karthikeyan. Taylor-AMS features and deep convolutional neural network for converting nonaudible murmur to normal speech. *Computational Intelligence*, 36(3):940–963, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

George:2020:ILS

[1118] Shiju George and Ajit Kumar Santra. An improved long short-term memory networks with Takagi–Sugeno fuzzy for traffic speed prediction considering abnormal traffic situation. *Computational Intelligence*, 36 (3):964–993, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kumaravelu:2020:CES

[1119] Ramesh Kumaravelu, Rajakumar Sadaiyandi, Anandamurugan Selvaraj, Jeeva Selvaraj, and Gayathiri Karthick. Computationally efficient and secure anonymous authentication scheme for IoT-based mobile pay-TV systems. *Computational Intelligence*, 36(3):994–1009, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Singh:2020:MON

[1120] Charanjeet Singh and Anuj Sharma. Modified online Newton step based on elementwise multiplication. *Computational Intelligence*, 36(3):1010–1025, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hristea:2020:LRP

[1121] Florentina Hristea and Mihaela Colhon. The long road from performing word sense disambiguation to successfully using it in information retrieval: an overview of the unsupervised approach. *Computational Intelligence*, 36(3):1026–1062, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kirubanantham:2020:NRS

[1122] P. Kirubanantham and G. Vijayakumar. Novel recommendation system based on long-term composition for adaptive web services. *Computational Intelligence*, 36(3):1063–1077, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chandrasekaran:2020:MOP

[1123] Shilaja Chandrasekaran. Multiobjective optimal power flow using interior search algorithm: a case study on a real-time electrical network. *Computational Intelligence*, 36(3):1078–1096, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saranya:2020:VDM

[1124] N. Saranya and V. Manikandan. On viability of detecting malwares online using ensemble classification method with performance metrics. *Computational Intelligence*, 36(3):1097–1112, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sansano:2020:SDN

[1125] Emilio Sansano, Raúl Montoliu, and Óscar Belmonte Fernández. A study of deep neural networks for human activity recognition. *Computational Intelligence*, 36(3):1113–1139, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Golzari:2020:SEF

[1126] Shahram Golzari, Mojtaba Shabani Haji, and Abdullah Khalili. Selecting effective features on prediction of delay in servicing ships arriving to ports using a combination of Clonal Selection and Grey Wolf Optimization algorithms — case study: Shahid Rajaee port in Bandar Abbas. *Computational Intelligence*, 36(3):1140–1160, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kumar:2020:ACD

[1127] Ashish Kumar, Mayank Saini, and Aditi Sharan. Aspect category detection using statistical and semantic association. *Computational Intelligence*, 36(3):1161–1182, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liong:2020:ATC

[1128] Sze-Teng Liong, Yen-Chang Huang, Shumeng Li, Zhongkai Huang, Jingyang Ma, and Yee Siang Gan. Automatic traditional Chinese painting classification: a benchmarking analysis. *Computational Intelligence*, 36(3):1183–1199, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shanmugam:2020:TLA

[1129] Anitha Shanmugam and Jayanthi Paramasivam. A two-level authentication scheme for clone node detection in smart cities using Internet of Things. *Computational Intelligence*, 36(3):1200–1220, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Narasimhan:2020:BPM

[1130] Sivasankari Narasimhan and Muthukumar Arunachalam. Bio-Puf-Mac authenticated encryption for iris biometrics. *Computational Intelligence*, 36(3):1221–1241, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Babu:2020:WBS

[1131] A. Aalan Babu and V. Mary Anita Rajam. Water-body segmentation from satellite images using Kapur's entropy-based thresholding method.

Computational Intelligence, 36(3):1242–1260, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Premalatha:2020:IGR

[1132] G. Premalatha and Premanand V. Chandramani. Improved gait recognition through gait energy image partitioning. *Computational Intelligence*, 36(3):1261–1274, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dhanasekaran:2020:RIS

[1133] K. Dhanasekaran, P. Anandan, and N. Kumaratharan. A robust image steganography using teaching learning based optimization based edge detection model for smart cities. *Computational Intelligence*, 36(3):1275–1289, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

George:2020:RSB

[1134] Merlin Linda George, Themozhi Govindarajan, Kavitha Angamuthu Rajasekaran, and Sudheer Reddy Bandi. A robust similarity based deep Siamese convolutional neural network for gait recognition across views. *Computational Intelligence*, 36(3):1290–1319, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sangsawang:2020:CSA

[1135] Ornurai Sangsawang and Sunarin Chanta. Capacitated single-allocation hub location model for a flood relief distribution network. *Computational Intelligence*, 36(3):1320–1347, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2020:RPR

[1136] Shuai Chen, Ling Huang, Zhiwen Lei, and Shen Wang. Research on personalized recommendation hybrid algorithm for interactive experience equipment. *Computational Intelligence*, 36(3):1348–1373, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mohapatra:2020:FDW

[1137] Santoshinee Mohapatra and Pabitra Mohan Khilar. Fault diagnosis in wireless sensor network using negative selection algorithm and support vector machine. *Computational Intelligence*, 36(3):1374–1393, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Junior:2020:IFT

[1138] Selmo Eduardo Rodrigues Júnior and Ginalber Luiz de Oliveira Serra. Intelligent forecasting of time series based on evolving distributed neuro-fuzzy network. *Computational Intelligence*, 36(3):1394–1413, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ahmed:2020:CPN

[1139] Sultan Ahmed and Malek Mouhoub. Conditional preference networks with user's genuine decisions. *Computational Intelligence*, 36(3):1414–1442, August 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2020:IId

[1140] Anonymous. Issue information. *Computational Intelligence*, 36(4):1443, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Moorthy:2020:FOA

[1141] Usha Moorthy and Usha Devi Gandhi. Forest optimization algorithm-based feature selection using classifier ensemble. *Computational Intelligence*, 36(4):1445–1462, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lu:2020:IDF

[1142] Jing Lu, Shihong Wu, Zhiyu Xiang, and Hanlei Cheng. Intelligent document-filling system on mobile devices by document classification and electronization. *Computational Intelligence*, 36(4):1463–1479, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Durgalakshmi:2020:FSC

[1143] B. Durgalakshmi and V. Vijayakumar. Feature selection and classification using support vector machine and decision tree. *Computational Intelligence*, 36(4):1480–1492, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kumar:2020:CAB

[1144] M. Manoj Kumar, A. Alli Rani, and V. Sundaravazhuthi. A computational algorithm based on biogeography-based optimization method for computing power system security constrains with multi facts devices. *Computational Intelligence*, 36(4):1493–1511, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sundaravazhuthi:2020:CMB

[1145] V. Sundaravazhuthi, A. Alli Rani, and M. Manoj Kumar. A computing method-based rearrangement of network protocols to improvise quality factors of facts devices and sensors using Newton–Raphson technique. *Computational Intelligence*, 36(4):1512–1526, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mani:2020:IQS

[1146] Sathish Kumar Mani and Iyapparaja Meenakshisundaram. Improving quality-of-service in fog computing through efficient resource allocation. *Computational Intelligence*, 36(4):1527–1547, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Annamalai:2020:NNP

[1147] Mohan Annamalai and Kalaichelvan Gurumurthy. Neural network prediction of bioleaching of metals from waste computer printed circuit boards using Levenberg–Marquardt algorithm. *Computational Intelligence*, 36(4):1548–1568, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Selvaraj:2020:NBP

[1148] Anandamurugan Selvaraj, Jeeva Selvaraj, Sivabalakrishnan Maruthaiappan, Gokulnath Chandra Babu, and Priyan Malarvizhi Kumar. L_1 norm based pedestrian detection using video analytics technique. *Computational Intelligence*, 36(4):1569–1579, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mubarakali:2020:SCI

[1149] Azath Mubarakali, Karthik Srinivasan, Reham Mukhalid, Subash C. B. Jaganathan, and Ninoslav Marina. Security challenges in Internet of Things: Distributed denial of service attack detection using support vector machine-based expert systems. *Computational Intelligence*, 36(4): 1580–1592, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Peng:2020:EER

[1150] Xiaobo Peng and Yanfen Chang. Energy-efficient routing technique for reliable data transmission under the background of big data for disaster region. *Computational Intelligence*, 36(4):1593–1608, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2020:RCA

[1151] Yongyi Li, Zhongqiang Yang, and Kaixu Han. Research on the clustering algorithm of ocean big data based on self-organizing neural network. *Computational Intelligence*, 36(4):1609–1620, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jianli:2020:PGA

[1152] Cao Jianli, Chen Zhikui, Wang Yuxin, and Guo He. Parallel genetic algorithm for N-queens problem based on message passing interface-compute unified device architecture. *Computational Intelligence*, 36(4):1621–1637, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2020:IKD

[1153] Xin Sun and Xiaomin Ji. Integrated kitchen design and optimization based on the improved particle swarm intelligent algorithm. *Computational Intelligence*, 36(4):1638–1649, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Song:2020:WSC

[1154] Yang Song and Yun-Zhan Gong. Web service composition on IoT reliability test based on cross entropy. *Computational Intelligence*, 36(4): 1650–1662, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yongqiang:2020:SAS

[1155] He Yongqiang. Study on the algorithm for smart community sensor network routing with adaptive optimization via cluster head election. *Computational Intelligence*, 36(4):1663–1671, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alqahtani:2020:LDT

[1156] Abdulrahman S. Alqahtani. Lossless data transmission for Internet of Things application over wireless multimedia sensor networks using enhanced and optimal path scheduling approach to maximizing the quality of service. *Computational Intelligence*, 36(4):1672–1685, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2020:KMS

[1157] Ling Sun, Xu Xu, Yanbin Yang, Wei Liu, and Jiahao Jin. Knowledge mapping of supply chain risk research based on CiteSpace. *Computa-*

tional Intelligence, 36(4):1686–1703, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Guo:2020:SRB

[1158] Dong Guo and Chuantao Wang. Sequence recommendation based on deep learning. *Computational Intelligence*, 36(4):1704–1722, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ponmudi:2020:CMB

[1159] B. Ponmudi and G. Balasubramanian. A computational method based on Gustafson–Kessel fuzzy clustering for a novel islanding detection for grid connected devices and sensors. *Computational Intelligence*, 36(4): 1723–1736, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2020:ITA

[1160] Jing Li, Hai Tao, Liu Shuhong, Sinan Q. Salih, Jasni Mohamad Zain, Liu Yankun, G. N. Vivekananda, and M. Thanjaivadel. Internet of Things assisted condition-based support for smart manufacturing industry using learning technique. *Computational Intelligence*, 36(4):1737–1754, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yuan:2020:TWM

[1161] Huazhi Yuan, Hongjia Zhang, Xuelian Liu, and Xinlong Jiao. Traffic wave model based on vehicle-infrastructure cooperative and vehicle communication data. *Computational Intelligence*, 36(4):1755–1772, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2020:SGD

[1162] Lihua Zhang, Jingjing Li, Fangzhou Hu, Yang Huang, and Jiayi Bai. Smart grid data access control scheme based on blockchain. *Computational Intelligence*, 36(4):1773–1784, November 2020. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2021:IIa

[1163] Anonymous. Issue information. *Computational Intelligence*, 37(1): e12357:1–e12357:??, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bhaskar:2021:EFB

[1164] N. Bhaskar, P. Mohan Kumar, and J. Arokia Renjit. Evolutionary fuzzy-based gravitational search algorithm for query optimization in crowdsourcing system to minimize cost and latency. *Computational Intelligence*, 37(1):2–20, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

AlTobi:2021:FDC

[1165] Maamar Al Tobi, Geraint Bevan, Peter Wallace, David Harrison, and Kenneth Eloghene Okedu. Faults diagnosis of a centrifugal pump using multilayer perceptron genetic algorithm back propagation and support vector machine with discrete wavelet transform-based feature extraction. *Computational Intelligence*, 37(1):21–46, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ghosh:2021:DIF

[1166] Swarup Kr Ghosh, Biswajit Biswas, and Anupam Ghosh. Development of intuitionistic fuzzy special embedded convolutional neural network for mammography enhancement. *Computational Intelligence*, 37(1):47–69, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Inunganbi:2021:HMM

[1167] Sanasam Inunganbi, Prakash Choudhary, and Khumanthem Manglem. Handwritten Meitei Mayek recognition using three-channel convolution neural network of gradients and gray. *Computational Intelligence*, 37 (1):70–86, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Suman:2021:DTN

[1168] Sabrina Šuman, Alen Jakupović, and Mladen Marinac. A dictionary for translation from natural to formal data model language. *Computational Intelligence*, 37(1):87–127, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Deepika:2021:DAC

[1169] P. Deepika, R. M. Suresh, and P. Pabitha. Defending against child death: Deep learning-based diagnosis method for abnormal identification of fetus ultrasound images. *Computational Intelligence*, 37(1):128–154, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ozogur:2021:BGL

[1170] Hatice Nizam Ozogur, Gokhan Ozogur, and Zeynep Orman. Blood glucose level prediction for diabetes based on modified fuzzy time series and particle swarm optimization. *Computational Intelligence*, 37(1):155–175, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mohammadzadeh:2021:NHW

[1171] Hekmat Mohammadzadeh and Farhad Soleimanian Gharehchopogh. A novel hybrid whale optimization algorithm with flower pollination algorithm for feature selection: Case study email spam detection. *Computational Intelligence*, 37(1):176–209, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Salehi-Abari:2021:GRN

[1172] Amirali Salehi-Abari and Kate Larson. Group recommendation with noisy subjective preferences. *Computational Intelligence*, 37(1):210–225, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ozturk:2021:AIA

[1173] Ali Ozturk. Accuracy improvement in air-quality forecasting using regressor combination with missing data imputation. *Computational Intelligence*, 37(1):226–252, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sathishkumar:2021:IVF

[1174] P. Sathishkumar and M. Gunasekaran. An improved vertical fragmentation, allocation and replication for enhancing e-learning in distributed database environment. *Computational Intelligence*, 37(1):253–272, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mehri:2021:MLA

[1175] Razieh Mehri, Volker Haarslev, and Hamidreza Chinaei. A machine learning approach for optimizing heuristic decision-making in Web Ontology Language reasoners. *Computational Intelligence*, 37(1):273–314, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Priyanga:2021:HRN

[1176] P. Priyanga, Veena V. Pattankar, and S. Sridevi. A hybrid recurrent neural network-logistic chaos-based whale optimization framework for heart disease prediction with electronic health records. *Computational Intelligence*, 37(1):315–343, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Prabhakaran:2021:IRC

[1177] Varun Prabhakaran and Ashokkumar Kulandasamy. Integration of recurrent convolutional neural network and optimal encryption scheme for intrusion detection with secure data storage in the cloud. *Computational Intelligence*, 37(1):344–370, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Altinok:2021:LRU

[1178] Gulsah Altinok, Pinar Karagoz, and Inci Batmaz. Learning to rank by using multivariate adaptive regression splines and conic multivariate adaptive regression splines. *Computational Intelligence*, 37(1):371–408, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Umer:2021:SAT

[1179] Muhammad Umer, Imran Ashraf, Arif Mehmood, Saru Kumari, Saleem Ullah, and Gyu Sang Choi. Sentiment analysis of tweets using a unified convolutional neural network-long short-term memory network model. *Computational Intelligence*, 37(1):409–434, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shetaban:2021:IMC

[1180] Samar Shetaban, Mir Mehdi Seyyed Esfahani, Abbas Saghaei, and Abbas Ahmadi. An integrated methodology to control the risk of cardiovascular disease in patients with hypertension and type 1 diabetes. *Computational Intelligence*, 37(1):435–460, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Verma:2021:MIR

[1181] Amit Verma, Toshanlal Meenpal, and Bibhudendra Acharya. Multiperson interaction recognition in images: a body keypoint based feature image analysis. *Computational Intelligence*, 37(1):461–483, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ge:2021:LOC

[1182] Jinhuan Ge, Heli Sun, Chenhao Xue, Liang He, Xiaolin Jia, Hui He, and Jiyin Chen. LPX: Overlapping community detection based on x-means and label propagation algorithm in attributed networks. *Computational Intelligence*, 37(1):484–510, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2021:CCM

[1183] Xichen Zhang, Arash Habibi Lashkari, and Ali A. Ghorbani. Classifying and clustering malicious advertisement uniform resource locators using deep learning. *Computational Intelligence*, 37(1):511–537, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ragavan:2021:TVB

[1184] Krishnasamy Ragavan, Krishnan Venkatalakshmi, and Kandasamy Vijayalakshmi. Traffic video-based intelligent traffic control system for smart cities using modified ant colony optimizer. *Computational Intelligence*, 37(1):538–558, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kavitha:2021:FLT

[1185] P. Kavitha and K. Vijaya. Fuzzy local ternary pattern and skin texture properties based countermeasure against face spoofing in biometric systems. *Computational Intelligence*, 37(1):559–577, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chhetri:2021:DLV

[1186] Sagar Chhetri, Abeer Alsadoon, Thair Al-Dala'in, P. W. C. Prasad, Tarik A. Rashid, and Angelika Maag. Deep learning for vision-based fall detection system: Enhanced optical dynamic flow. *Computational Intelligence*, 37(1):578–595, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bregu:2021:MBC

[1187] Ornela Bregu, Nuha Zamzami, and Nizar Bouguila. Mixture-based clustering for count data using approximated Fisher Scoring and Minorization–Maximization approaches. *Computational Intelligence*, 37 (1):596–620, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Valdes:2021:MOA

[1188] Eduardo Valdés, J. D. Mosquera-Artamonov, Celso Cruz-Gonzalez, and Jose Jaime Taha-Tijerina. Multiobjective optimization on adhesive bonding of aluminum-carbon fiber laminate. *Computational Intelligence*, 37 (1):621–634, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anowar:2021:ILF

[1189] Farzana Anowar and Samira Sadaoui. Incremental learning framework for real-world fraud detection environment. *Computational Intelligence*, 37(1):635–656, February 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2021:IIb

[1190] Anonymous. Issue information. *Computational Intelligence*, 37(2):657, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2021:SIC

[1191] Ying Li, R. K. Shyamasundar, and Xinheng Wang. Special issue on computational intelligence for social media data mining and knowledge discovery. *Computational Intelligence*, 37(2):658–659, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bhanodia:2021:SSM

[1192] Praveen Kumar Bhanodia, Aditya Khamparia, and Babita Pandey. Supervised shift k-means based machine learning approach for link prediction using inherent structural properties of large online social network. *Computational Intelligence*, 37(2):660–677, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2021:DDB

[1193] Heli Sun, Xiaolin Jia, Ruodan Huang, Pei Wang, Chenyu Wang, and Jianbin Huang. Distance dynamics based overlapping semantic community detection for node-attributed networks. *Computational Intelligence*, 37(2):678–700, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ghoshal:2021:EUD

[1194] Biraja Ghoshal, Allan Tucker, Bal Sanghera, and Wai Lup Wong. Estimating uncertainty in deep learning for reporting confidence to clinicians in medical image segmentation and diseases detection. *Computational Intelligence*, 37(2):701–734, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Soubraylu:2021:HCB

[1195] Sivakumar Soubraylu and Ratnavel Rajalakshmi. Hybrid convolutional bidirectional recurrent neural network based sentiment analysis on movie reviews. *Computational Intelligence*, 37(2):735–757, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cao:2021:ICM

[1196] Bin Cao, Kui Ma, Yuqi Liu, Yueshen Xu, and Linan Zhu. Intention classification in multiturn dialogue systems with key sentences mining. *Computational Intelligence*, 37(2):758–773, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xu:2021:SCA

[1197] Yueshen Xu, Lei Li, Honghao Gao, Lei Hei, Rui Li, and Yihao Wang. Sentiment classification with adversarial learning and attention mechanism. *Computational Intelligence*, 37(2):774–798, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Duraivel:2021:SPA

[1198] N. Duraivel and B. Paulchamy. Simulation and performance analysis of 15 Nm FinFET based carry skip adder. *Computational Intelligence*, 37(2):799–818, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2021:GEC

[1199] Zhenchen Wang, Puja Myles, and Allan Tucker. Generating and evaluating cross-sectional synthetic electronic healthcare data: Preserving data utility and patient privacy. *Computational Intelligence*, 37(2):819–851, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mohan:2021:SIF

[1200] Suresh Mohan, Arun Prakash Kannusamy, and Sukhpreet Kaur Sidhu. Solution of intuitionistic fuzzy linear programming problem by dual simplex algorithm and sensitivity analysis. *Computational Intelligence*, 37 (2):852–872, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rangasamy:2021:VPS

[1201] Devi Priya Rangasamy, Sivaraj Rajappan, Anitha Natarajan, Rajadevi Ramasamy, and Devisurya Vijayakumar. Variable population-sized particle swarm optimization for highly imbalanced dataset classification. *Computational Intelligence*, 37(2):873–890, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Polnik:2021:ACO

[1202] Wojciech Polnik, Jacek Stobiecki, Aleksander Byrski, and Marek Kisiel-Dorohinicki. Ant colony optimization–evolutionary hybrid optimization with translation of problem representation. *Computational Intelligence*, 37(2):891–923, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rustam:2021:RPS

[1203] Furqan Rustam, Imran Ashraf, Rahman Shafique, Arif Mehmood, Saleem Ullah, and Gyu Sang Choi. Review prognosis system to predict employees job satisfaction using deep neural network. *Computational Intelligence*, 37(2):924–950, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rastogi:2021:SRM

[1204] Shikha Rastogi and Jaspreet Singh. A systematic review on machine learning for fall detection system. *Computational Intelligence*, 37(2):951–974, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mani:2021:MPR

[1205] Prabu Mani, Shanker Rajendiran Nagalingam, Celine Kavida Aruldoss, and Ganesh Elanchezhian. Mixed pixel removal in north Tamil Nadu region for accurate area measurement. *Computational Intelligence*, 37 (2):975–994, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2021:TBA

[1206] Heli Sun, Yawei Zhang, Xiaolin Jia, Pei Wang, Ruodan Huang, Jianbin Huang, Liang He, and Zhongbin Sun. A truss-based approach for densest homogeneous subgraph mining in node-attributed graphs. *Computational Intelligence*, 37(2):995–1010, May 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2021:IIc

[1207] Anonymous. Issue information. *Computational Intelligence*, 37(3):1011, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Srivastava:2021:E

[1208] Gautam Srivastava, Ching-Hsien (Robert) Hsu, and Priyan Malarvizhi Kumar. Editorial. *Computational Intelligence*, 37(3):1012–1013, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Krishnasamy:2021:ECA

[1209] Kamalam Gobichettipalayam Krishnasamy and Anandamurugan Selvaraj. Enhanced constrained application protocol for secured medical data transmission model for Internet of Things. *Computational Intelligence*, 37(3):1014–1033, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vanitha:2021:AIB

[1210] Vanitha V, Sophia J. G, Resmi R, and Delna Raphel. Artificial intelligence-based wind forecasting using variational mode decomposition. *Computational Intelligence*, 37(3):1034–1046, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vanitha:2021:MLB

[1211] V. Vanitha, R. Resmi, and Karri Naga Sai Vineela Reddy. Machine learning-based charge scheduling of electric vehicles with minimum waiting time. *Computational Intelligence*, 37(3):1047–1055, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sikka:2021:HSA

[1212] Prateek Sikka, Abhijit R. Asati, and Chandra Shekhar. High-speed and area-efficient Sobel edge detector on field-programmable gate array for artificial intelligence and machine learning applications. *Computational Intelligence*, 37(3):1056–1067, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mandava:2021:IAR

[1213] Srihari Mandava, Praveen Kumar Medarametla, Abhishek Gudipalli, M. Saravanan, and P. Sudheer. Integration of AI with reduced order generalized integrator controller for power system harmonic reduction. *Computational Intelligence*, 37(3):1068–1079, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2021:ART

[1214] Zhonghua Wang and Zhonghe Gao. Analysis of real-time heartbeat monitoring using wearable device Internet of Things system in sports environment. *Computational Intelligence*, 37(3):1080–1097, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abuhasel:2021:MLA

[1215] Khaled Ali Abuhasel. Machine learning approach to handle data-driven model for simulation and forecasting of the cone crusher output in the stone crushing plant. *Computational Intelligence*, 37(3):1098–1110, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rajadurai:2021:EMI

[1216] Hariharan Rajadurai and Usha Devi Gandhi. An empirical model in intrusion detection systems using principal component analysis and deep learning models. *Computational Intelligence*, 37(3):1111–1124, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2021:PET

[1217] Ning Zhang, Yubin Han, Rubén G. Crespo, and Oscar S. Martínez. Physical education teaching for saving energy in basketball sports athletics using Hidden Markov and Motion Model. *Computational Intelligence*, 37 (3):1125–1140, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rajendran:2021:ESS

[1218] Agalya Rajendran and Muthaiah Rajappa. Efficient signal selection using supervised learning model for enhanced state restoration. *Computational Intelligence*, 37(3):1141–1154, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kandula:2021:DAE

[1219] Bala Sindhuri Kandula, Padma Vasavi Kalluru, and Santi Prabha Inty. Design of area efficient VLSI architecture for carry select adder using logic optimization technique. *Computational Intelligence*, 37(3):1155–1165, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2021:DOI

[1220] Zhuomin Sun, M. Anbarasan, and D. Praveen Kumar. Design of online intelligent English teaching platform based on artificial intelligence techniques. *Computational Intelligence*, 37(3):1166–1180, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yu:2021:ACI

[1221] Shan an Yu. Application of computer information technology in college physical education using fuzzy evaluation theory. *Computational Intelligence*, 37(3):1181–1198, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2021:IFA

[1222] Hui Li. Improved fuzzy-assisted hierarchical neural network system for design of computer-aided English teaching system. *Computational Intelligence*, 37(3):1199–1216, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xue:2021:CEI

[1223] Kai Xue, Yue Deng, Hang Zhang, Sanjeevi Pandiyan, and Adhiyaman Manickam. Cycling environment investigation and optimization of urban central road in Qingdao. *Computational Intelligence*, 37(3):1217–1235, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jin:2021:SQE

[1224] Jiahua Jin, Lu Lu, and Xiangbin Yan. Service quality evaluation of satellite data distribution system based on BP-IPA. *Computational Intelligence*, 37(3):1236–1253, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2021:RIH

[1225] Hongqin Zhang and Min Fang. Research on the integration of heterogeneous information resources in university management informatization based on data mining algorithms. *Computational Intelligence*, 37(3): 1254–1267, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jiang:2021:SAE

[1226] Jian Jiang. Sustainable achievement efficiency of transport energy consumption based on indicator analysis. *Computational Intelligence*, 37(3): 1268–1285, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alabbas:2021:PES

[1227] Amjed Razzaq Alabbas, Layth A. Hassnawi, Muhammad Ilyas, Haris Pervaiz, Qammer H. Abbasi, and Oguz Bayat. Performance enhancement of safety message communication via designing dynamic power control mechanisms in vehicular ad hoc networks. *Computational Intelligence*, 37 (3):1286–1308, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shah:2021:MLA

[1228] S. Sheik Mohideen Shah and S. Meganathan. Machine learning approach for power consumption model based on monsoon data for smart cities applications. *Computational Intelligence*, 37(3):1309–1321, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xie:2021:ITA

[1229] Xionghui Xie, Rongping Lin, Bo Yu, Wenfu Wen, Fahui Gu, C. B. Sivaparthipan, and Thanjai Vadivel. Internet of Things assisted radio frequency identification based mine safety management platform. *Computational Intelligence*, 37(3):1322–1337, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vimal:2021:AIB

[1230] Vrince Vimal, Teekam Singh, Shamimul Qamar, Bhaskar Nautiyal, Kamred Udham Singh, and Abhishek Kumar. Artificial intelligence-based novel scheme for location area planning in cellular networks. *Computational Intelligence*, 37(3):1338–1354, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cheng:2021:SPP

[1231] Haigen Cheng, Junjian Hu, Chen Hu, and Fangming Deng. Strength prediction of paste filling material based on convolutional neural network. *Computational Intelligence*, 37(3):1355–1366, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Khan:2021:AMD

[1232] Mohammad Ayoub Khan and Khaled Ali Abuhasel. Advanced metameric dimension framework for heterogeneous industrial Internet of Things. *Computational Intelligence*, 37(3):1367–1387, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Le:2021:RQS

[1233] Shanghong Le, Jinlin Wu, and Jianlan Zhong. Relationship quality and supply chain quality performance: the effect of supply chain integration in hotel industry. *Computational Intelligence*, 37(3):1388–1404, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kannan:2021:DDC

[1234] Subha Sharmini Kannan and Vijayakumar Krishnasamy. Digitized droop control of a high gain primitive converter — general performance analysis for smart city lighting application. *Computational Intelligence*, 37(3): 1405–1414, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jesuwaram:2021:IAP

[1235] Ancy Mergin Albert Jesuwaram and Godwin Premi Maria Sebastin. Implementation analysis of pixel-level image processing based on multiscale transforms. *Computational Intelligence*, 37(3):1415–1427, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2021:ICP

[1236] Xiangcong Chen, Shuqing Zhang, Xiaohui Ding, Seifedine Nimer Kadry, and Ching-Hsien Hsu. IoT cloud platform for information processing in smart city. *Computational Intelligence*, 37(3):1428–1444, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lu:2021:SCD

[1237] Jing Lu, Shihong Wu, Hanlei Cheng, and Zhiyu Xiang. Smart contract for distributed energy trading in virtual power plants based on blockchain. *Computational Intelligence*, 37(3):1445–1455, August 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2021:IId

[1238] Anonymous. Issue information. *Computational Intelligence*, 37(4):1457, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ventura:2021:E

[1239] Sebastian Ventura, Paolo Soda, and Alejandro Rodríguez González. Editorial. *Computational Intelligence*, 37(4):1458–1459, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yousefi:2021:OBB

[1240] Leila Yousefi, Stephen Swift, Mahir Arzoky, Lucia Saachi, Luca Chiovato, and Allan Tucker. Opening the black box: Personalizing type 2 diabetes patients based on their latent phenotype and temporal associated complication rules. *Computational Intelligence*, 37(4):1460–1498, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Piceno:2021:COP

[1241] Marie Ely Piceno, Laura Rodríguez-Navas, and José Luis Balcázar. Co-occurrence patterns in diagnostic data. *Computational Intelligence*, 37 (4):1499–1514, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pedro:2021:TAU

[1242] Ricardo Wandré Dias Pedro, Ariane Machado-Lima, and Fátima L. S. Nunes. Towards an approach using grammars for automatic classification of masses in mammograms. *Computational Intelligence*, 37(4):1515–1544, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Luque:2021:SET

[1243] Carmen Luque, José M. Luna, and Sebastián Ventura. A semantically enriched text mining system for clinical decision support. *Computational Intelligence*, 37(4):1545–1570, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shukla:2021:FSI

[1244] Alok Kumar Shukla. Feature selection inspired by human intelligence for improving classification accuracy of cancer types. *Computational Intelligence*, 37(4):1571–1598, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lima:2021:TCS

[1245] Lucas L. Lima, José R. Ferreira Junior, and Marcelo C. Oliveira. Toward classifying small lung nodules with hyperparameter optimization of convolutional neural networks. *Computational Intelligence*, 37(4):1599–1618, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Benfares:2021:CSS

[1246] Chaymae Benfares, Ouidad Akhrif, Younès El Bouzekri El Idrissi, and Karim Hamid. A clinical support system for classification and prediction of depression using machine learning methods. *Computational Intelligence*, 37(4):1619–1632, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

ElShawi:2021:IHC

[1247] Radwa ElShawi, Youssef Sherif, Mouaz Al-Mallah, and Sherif Sakr. Interpretability in healthcare: a comparative study of local machine learning interpretability techniques. *Computational Intelligence*, 37(4):1633–1650, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Priyadharshini:2021:LCC

[1248] K. Priyadharshini and R. Aroul Canessane. Light chain consensus reinforcement machine learning: an effective blockchain model for Internet of Things using for its advancement and challenges. *Computational Intelligence*, 37(4):1651–1672, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chinnaraj:2021:OSP

[1249] Sakthi Gokul Rajan Chinnaraj and Ravi Kuppan. Optimal sizing and placement of multiple renewable distribution generation and DSTATCOM in radial distribution systems using hybrid lightning search algorithm-simplex method optimization algorithm. *Computational Intelligence*, 37(4):1673–1690, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kulandaivel:2021:SLU

[1250] Madhumitha Kulandaivel, Arulanand Natarajan, Bharathi Priya Chandrasekaran, and Anandamurugan Selvaraj. Static localization for underwater acoustics sensor networks using Nelder–Mead algorithm for smart cities. *Computational Intelligence*, 37(4):1691–1705, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Fu:2021:ISL

[1251] Huimin Fu, Wuyang Zhang, Guanfeng Wu, Yang Xu, and Jun Liu. Improving stochastic local search for uniform k-SAT by generating appropriate initial assignment. *Computational Intelligence*, 37(4):1706–1744, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Khan:2021:RSA

[1252] Asifullah Khan, Aqsa Saeed Qureshi, Noorul Wahab, Mutawarra Hussain, and Muhammad Yousaf Hamza. A recent survey on the applications of genetic programming in image processing. *Computational Intelligence*, 37(4):1745–1778, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bagheri:2021:FFA

[1253] Esmaeil Bagheri, Gholamhossein Dastghaibyfard, and Ali Hamzeh. Faimcs: a fast and accurate influence maximization algorithm in social networks based on community structures. *Computational Intelligence*, 37(4):1779–1802, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yegnaraman:2021:MLT

[1254] Aparna Yegnaraman and S. Valli. Multi-lingual text detection and identification using agile convolutional neural network. *Computational Intelligence*, 37(4):1803–1826, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tsalera:2021:NPC

[1255] Eleni Tsalera, Andreas Papadakis, and Maria Samarakou. Novel principal component analysis-based feature selection mechanism for classroom sound classification. *Computational Intelligence*, 37(4):1827–1843, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Riaz:2021:NES

[1256] Umair Riaz, Sumair Aziz, Muhammad Umar Khan, Syed Azhar Ali Zaidi, Muhammad Ukasha, and Aamir Rashid. A novel embedded system design for the detection and classification of cardiac disorders. *Computational Intelligence*, 37(4):1844–1864, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sheikhi:2021:NDM

[1257] Ghazaal Sheikhi and Hakan Altınçay. A novel dissimilarity metric based on feature-to-feature scatter frequencies for clustering-based feature selection in biomedical data. *Computational Intelligence*, 37(4):1865–1889, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Janakiraman:2021:AEL

[1258] Sengathir Janakiraman and Maruthakutty Deva Priya. Advanced extreme learning machine-based ensemble classification scheme with enhanced data perturbation for human DNA sequences. *Computational Intelligence*, 37(4):1890–1915, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mirrashid:2021:NIS

[1259] Alireza Mirrashid and Ali-Asghar Beheshti Shirazi. Nic: an innovative supervised machine learning computational framework having network-based interactional connections. *Computational Intelligence*, 37(4):1916–1943, November 2021. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2022:IIa

[1260] Anonymous. Issue information. *Computational Intelligence*, 38(1):1, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lv:2022:E

[1261] Zhihan Lv, Jaime Lloret, and Houbing Song. Editorial. *Computational Intelligence*, 38(1):2, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhao:2022:MWI

[1262] Jian Zhao, Di Zhao, Lijuan Shi, Zhejun Kuang, Weipeng Jing, and Huihui Wang. Multilayer weighted integrated self-learning algorithm for automatic diagnosis of epileptic electroencephalogram signals. *Computational Intelligence*, 38(1):3–19, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lu:2022:MAF

[1263] Lihua Lu. Multi-angle face expression recognition based on generative adversarial networks. *Computational Intelligence*, 38(1):20–37, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Huo:2022:TIP

[1264] Jiaofei Huo and Guangpeng Zhang. Test items of 3D printed copper alloy parts based on virtual reality technology. *Computational Intelligence*, 38 (1):38–50, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cai:2022:RIA

[1265] YuXin Cai, Haibin Dong, Wei Wang, and Hongchang Song. Realization of interactive animation creation based on artificial intelligence technology. *Computational Intelligence*, 38(1):51–69, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2022:DIA

[1266] Bingchen Zhang and Yanqun Wang. Design of intervention app for children with autism based on visual cue strategy. *Computational Intelligence*, 38(1):70–87, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2022:AVM

[1267] Liang Li and Tingting Li. Animation of virtual medical system under the background of virtual reality technology. *Computational Intelligence*, 38 (1):88–105, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2022:PCC

[1268] Wanyi Zhang, Xiuhua Fu, and Wei Li. Point cloud computing algorithm on object surface based on virtual reality technology. *Computational Intelligence*, 38(1):106–120, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Na:2022:CEU

[1269] Fengyu Na, Li Wang, Cuicui Wu, and Yan Ding. Contrast-enhanced ultrasound combined with augmented reality medical technology in the treatment of rabbit liver cancer with high-energy focused knife. *Computational Intelligence*, 38(1):121–138, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2022:BCI

[1270] Ning Chen, Yimeng Zhang, Jielong Wu, Hongyi Zhang, Vinay Chamola, and Victor Hugo C. de Albuquerque. Brain–computer interface-based target recognition system using transfer learning: a deep learning approach. *Computational Intelligence*, 38(1):139–155, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gupta:2022:CDL

[1271] Surbhi Gupta and Manoj Kumar Gupta. A comprehensive data-level investigation of cancer diagnosis on imbalanced data. *Computational*

Intelligence, 38(1):156–186, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2022:DLB

[1272] Jiachen Yang, Yutian Lei, Ying Tian, and Meng Xi. Deep learning based six-dimensional pose estimation in virtual reality. *Computational Intelligence*, 38(1):187–204, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Geng:2022:TSP

[1273] Boting Geng. Text segmentation for patent claim simplification via bidirectional long-short term memory and conditional random field. *Computational Intelligence*, 38(1):205–215, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Guan:2022:AMM

[1274] Min Guan. To assess the multiperiod market risk with deep learning method taking the boosting additive quantile regression as an example. *Computational Intelligence*, 38(1):216–228, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gao:2022:TVR

[1275] Juanjuan Gao, Chong Lyu, Xianhua Qiao, and Fei Tian. Telemedicine virtual reality based skin image in children's dermatology medical system. *Computational Intelligence*, 38(1):229–248, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rezaee:2022:DCA

[1276] Khosro Rezaee and Shina Zolfaghari. A direct classification approach to recognize stress levels in virtual reality therapy for patients with multiple sclerosis. *Computational Intelligence*, 38(1):249–268, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sattar:2022:IAC

[1277] Hina Sattar, Imran Sarwar Bajwa, and Umar Farooq Shafi. An IoT assisted clinical decision support system for wound healthcare monitoring. *Computational Intelligence*, 38(1):269–306, February 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2022:IIb

[1278] Anonymous. Issue information. *Computational Intelligence*, 38(2):307, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Vivekanandhan:2022:ANF

[1279] VijayaRangan Vivekanandhan, Subramaniam Sakthivel, and Muthaiyan Manikandan. Adaptive neuro fuzzy inference system to enhance the classification performance in smart irrigation system. *Computational Intelligence*, 38(2):308–322, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sivakumar:2022:IID

[1280] Muthuramalingam Sivakumar, Perumal Renuka, Pandian Chitra, and Sundararajan Karthikeyan. IoT incorporated deep learning model combined with SmartBin technology for real-time solid waste management. *Computational Intelligence*, 38(2):323–344, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rajagopal:2022:FER

[1281] Suganya Devi Rajagopal and Baskaran Ramachandran. 3D face expression recognition with ensemble deep learning exploring congruent features among expressions. *Computational Intelligence*, 38(2):345–365, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rajappan:2022:CFD

[1282] Rajitha Jasmine Rajappan and Thyagharajan Kondampatti Kandaswamy. A composite framework of deep multiple view human joints feature extraction and selection strategy with hybrid adaptive sunflower optimization-whale optimization algorithm for human action recognition in video sequences. *Computational Intelligence*, 38(2):366–396, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2022:ICP

[1283] Feng Yang, Zheng Ma, and Mei Xie. Image classification with parallel Kpca–Pca network. *Computational Intelligence*, 38(2):397–415, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abdallah:2022:DRL

[1284] Wejden Abdallah, Dalel Kanzari, Dorsaf Sallami, Kurosh Madani, and Khaled Ghedira. A deep reinforcement learning based decision-making approach for avoiding crowd situation within the case of Covid'19 pandemic. *Computational Intelligence*, 38(2):416–437, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Bhor:2022:TBF

[1285] Harsh Namdev Bhor and Mukesh Kalla. Trust-based features for detecting the intruders in the Internet of things network using deep learning. *Computational Intelligence*, 38(2):438–462, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Goel:2022:DAD

[1286] Kanu Goel and Shalini Batra. Dynamically adaptive and diverse dual ensemble learning approach for handling concept drift in data streams. *Computational Intelligence*, 38(2):463–505, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Thapa:2022:DLB

[1287] Ashu Thapa, Abeer Alsadoon, P. W. C. Prasad, Simi Bajaj, Omar Hisham Alsadoon, Tarik A. Rashid, Rasha S. Ali, and Oday D. Jerew. Deep learning for breast cancer classification: Enhanced tangent function. *Computational Intelligence*, 38(2):506–529, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Subba:2022:HSE

[1288] Basant Subba and Simpy Kumari. A heterogeneous stacking ensemble based sentiment analysis framework using multiple word embeddings. *Computational Intelligence*, 38(2):530–559, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hsia:2022:FCD

[1289] Shih-Chang Hsia, Szu-Hong Wang, and Feng-Yang Kuo. Fast computation of deep neural network and its real-time implementation for image recognition. *Computational Intelligence*, 38(2):560–585, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mariappan:2022:APB

[1290] Geetha Mariappan, Aravapalli Rama Satish, P. V. Bhaskar Reddy, and Balajee Maram. Adaptive partitioning-based copy-move image forgery detection using optimal enabled deep neuro-fuzzy network. *Computational Intelligence*, 38(2):586–609, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sekar:2022:ECS

[1291] Jayachitra Sekar, Prasanth Aruchamy, Haleem Sulaima Lebbe Abdul, Amin Salih Mohammed, and Shaik Khamuruddeen. An efficient clinical support system for heart disease prediction using Tanfis classifier. *Computational Intelligence*, 38(2):610–640, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mello:2022:EFE

[1292] Lucas Henrique Sousa Mello, Flávio M. Varejão, and Alexandre L. Rodrigues. An experimental framework for evaluating loss minimization in multi-label classification via stochastic process. *Computational Intelligence*, 38(2):641–666, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sharma:2022:ICP

[1293] Suvita Rani Sharma, Birmohan Singh, and Manpreet Kaur. Improving the classification of phishing websites using a hybrid algorithm. *Computational Intelligence*, 38(2):667–689, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Song:2022:TTH

[1294] Zhi yan Song and Jian wei Liu. Tri-transformer Hawkes process via dot-product attention operations with event type and temporal encoding. *Computational Intelligence*, 38(2):690–712, April 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2022:IIc

[1295] Anonymous. Issue information. *Computational Intelligence*, 38(3):713, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2022:AWD

[1296] Tiejun Wang, Kaijun Wu, Tiaotiao Du, and Xiaochun Cheng. Adaptive weighted dynamic differential evolution algorithm for emergency material allocation and scheduling. *Computational Intelligence*, 38(3):714–730, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wei:2022:RGB

[1297] Jinfeng Wei, Yuan Tian, and Jingui Geng. Research on group behavior model based on neural network computing. *Computational Intelligence*, 38(3):731–746, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mohapatra:2022:EAE

[1298] Ambarish G. Mohapatra, Ashish Khanna, Deepak Gupta, Maitri Mohanty, and Victor Hugo C. de Albuquerque. An experimental approach to evaluate machine learning models for the estimation of load distribution on suspension bridge using fbg sensors and IoT. *Computational Intelligence*, 38(3):747–769, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Abuhasel:2022:AFC

[1299] Khaled Ali Abuhasel, Mosaad Khadr, and Mohammed M. Alquraish. Analyzing and forecasting Covid-19 pandemic in the Kingdom of Saudi Arabia using Arima and Sir models. *Computational Intelligence*, 38(3): 770–783, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shu:2022:EEC

[1300] Ming Shu, Shizhong Wu, Tong Wu, Zhonglin Qiao, Nai Wang, Fei Xu, A. Shanthini, and Bala Anand Muthu. Efficient energy consumption system using heuristic renewable demand energy optimization in smart city. *Computational Intelligence*, 38(3):784–800, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sagar:2022:SBS

[1301] G. Vidhya Sagar and D. Vijayakumar. Simulation based study on parameter variation of $Si_{0.9}$ $Ge_{0.1}$ junction-less Selbox Finfet for high-performance application. *Computational Intelligence*, 38(3):801–810, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Karthick:2022:MVR

[1302] Gayathri Karthick, Glenford Mapp, Florian Kammueller, and Mahdi Aiash. Modeling and verifying a resource allocation algorithm for secure service migration for commercial cloud systems. *Computational Intelligence*, 38(3):811–828, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jing:2022:DPM

[1303] Jing Jing. Dynamic planning method of economic operation optimization model. *Computational Intelligence*, 38(3):829–841, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2022:MEM

[1304] Chao Wang, Yazhi Dong, Yuejun Xia, Guoxu Li, Oscar Sanjuán Martínez, and Rubén González Crespo. Management and entrepreneurship management mechanism of college students based on support vector machine algorithm. *Computational Intelligence*, 38(3):842–854, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alsaadi:2022:ASC

[1305] Husam Ibrahiem Husain Alsaadi, Rafah M. Almuttari, Osman Nuri Ucan, and Oguz Bayat. An adapting soft computing model for intrusion detection system. *Computational Intelligence*, 38(3):855–875, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Djenouri:2022:OMA

[1306] Youcef Djenouri, Hiba Belhadi, Karima Akli-Astouati, Alberto Cano, and Jerry Chun-Wei Lin. An ontology matching approach for semantic modeling: a case study in smart cities. *Computational Intelligence*, 38 (3):876–902, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mathi:2022:IRE

[1307] Ramalingam Mathi and Subbaiahan Jayalalitha. Influence of renewable energy sources on the scheduling on thermal power stations and its optimization for CO_2 reduction. *Computational Intelligence*, 38(3):903–920, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Krak:2022:UVA

[1308] Iurii Krak, Olexander Barmak, and Eduard Manziuk. Using visual analytics to develop human and machine-centric models: a review of approaches and proposed information technology. *Computational Intelligence*, 38(3):921–946, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Nama:2022:NIS

[1309] Sukanta Nama, Apu Kumar Saha, and Sushmita Sharma. A novel improved symbiotic organisms search algorithm. *Computational Intelligence*, 38(3):947–977, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saha:2022:CAM

[1310] Nutan Saha and Sidhartha Panda. Cosine adapted modified whale optimization algorithm for control of switched reluctance motor. *Computational Intelligence*, 38(3):978–1017, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gholamnezhad:2022:IMB

[1311] Pezhman Gholamnezhad, Ali Broumandnia, and Vahid Seydi. An inverse model-based multiobjective estimation of distribution algorithm using random-forest variable importance methods. *Computational Intelligence*, 38(3):1018–1056, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Samakpong:2022:OPF

[1312] Titipong Samakpong, Weerakorn Ongsakul, and Nimal Madhu Manjiparambil. Optimal power flow incorporating renewable uncertainty related opportunity costs. *Computational Intelligence*, 38(3):1057–1082, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lassouaoui:2022:STS

[1313] Mourad Lassouaoui, Dalila Boughaci, and Belaid Benhamou. A synergy Thompson sampling hyper-heuristic for the feature selection problem. *Computational Intelligence*, 38(3):1083–1105, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Geleta:2022:GSA

[1314] Diriba Kajela Geleta and Mukhdeep Singh Manshahia. Gravitational search algorithm-based optimization of hybrid wind and solar renewable energy system. *Computational Intelligence*, 38(3):1106–1132, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Geleta:2022:GWO

[1315] Diriba Kajela Geleta, Mukhdeep Singh Manshahia, Pandian Vasant, and Anirban Banik. Grey wolf optimizer for optimal sizing of hybrid wind and solar renewable energy system. *Computational Intelligence*, 38(3):1133–1162, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ali:2022:NEL

[1316] Muhammad Ammar Ali, Süreyya Özöğür-Akyüz, Adil Deniz Duru, Melisa Caliskan, Ceylan Demir, Tuğba Bostancı, Farouk Elsallak, Mohammad Shkokani, Zümray Dokur, Tamer Ölmez, Can Ergün, Nerses Bebek, and Gizem Yilmaz. Neurological effects of long-term diet on obese and overweight individuals: an electroencephalogram and event-related potential study. *Computational Intelligence*, 38(3):1163–1182, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Benmezal:2022:EIL

[1317] Larbi Benmezal, Belaid Benhamou, and Dalila Boughaci. Evolutionary Iterated Local Search meta-heuristic for the antenna positioning problem in cellular networks. *Computational Intelligence*, 38(3):1183–1214, June 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2022:IId

[1318] Anonymous. Issue information. *Computational Intelligence*, 38(4):1215, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Karthikraja:2022:EID

[1319] Chinnathangam Karthikraja, Jayaprakasam Senthilkumar, Rajadurai Hariharan, Gandhi Usha Devi, Yuvaraj Suresh, and Vijayakumar Mohanraj. An empirical intrusion detection system based on Xgboost and bidirectional long-short term model for 5G and other telecommunication technologies. *Computational Intelligence*, 38(4):1216–1231, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yadav:2022:ISA

[1320] Naina Yadav, Anil Kumar Singh, and Sukomal Pal. Improved self-attentive Musical Instrument Digital Interface content-based music recommendation system. *Computational Intelligence*, 38(4):1232–1257, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Molokwu:2022:DLH

[1321] Bonaventure Chidube Molokwu, Shaon Bhatta Shuvo, and Ziad Kobti. A deep learning and heuristic methodology for predicting breakups in social network structures. *Computational Intelligence*, 38(4):1258–1286, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mahesh:2022:IOL

[1322] Dhupam Bhanu Mahesh, Bindu Madhuri, and Rajya Lakshmi D. Integration of optimized local directional Weber pattern with faster region convolutional neural network for enhanced medical image retrieval and classification. *Computational Intelligence*, 38(4):1287–1326, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sheriff:2022:EEM

[1323] Meeran Sheriff and Rajagopal Gayathri. An enhanced ensemble machine learning classification method to detect attention deficit hyperactivity for various artificial intelligence and telecommunication applications. *Computational Intelligence*, 38(4):1327–1337, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chilukuri:2022:ROD

[1324] Devi M. Chilukuri, Sun Yi, and Younho Seong. A robust object detection system with occlusion handling for mobile devices. *Computational Intelligence*, 38(4):1338–1364, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Babu:2022:AIB

[1325] Manikam Babu and Thangaraju Jesudas. An artificial intelligence-based smart health system for biological cognitive detection based on wireless telecommunication. *Computational Intelligence*, 38(4):1365–1378, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Akasiadis:2022:PME

[1326] Charilaos Akasiadis, Miguel Ponce de Leon, Arnau Montagud, Evangelos Michelioudakis, Alexia Atsidakou, Elias Alevizos, Alexander Artikis, Alfonso Valencia, and Georgios Paliouras. Parallel model exploration for tumor treatment simulations. *Computational Intelligence*, 38(4):1379–1401, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Uzunhisarcikli:2022:ICP

[1327] Esma Uzunhisarcıklı, Erhan Kavuncuoğlu, and Ahmet Turan Özdemir. Investigating classification performance of hybrid deep learning and machine learning architectures on activity recognition. *Computational Intelligence*, 38(4):1402–1449, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yadav:2022:CAD

[1328] Jay Kant Pratap Singh Yadav and Sunita Yadav. Computer-aided diagnosis of cataract severity using retinal fundus images and deep learning. *Computational Intelligence*, 38(4):1450–1473, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Guo:2022:SPF

[1329] Wenchao Guo, Zhigang Li, Chuang Gao, and Ying Yang. Stock price forecasting based on improved time convolution network. *Computational Intelligence*, 38(4):1474–1491, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Han:2022:SAP

[1330] Meng Han, Zhiqiang Chen, Muhang Li, Hongxin Wu, and Xilong Zhang. A survey of active and passive concept drift handling methods. *Computational Intelligence*, 38(4):1492–1535, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Paik:2022:MCU

[1331] Joon-Young Paik, Rize Jin, and Eun-Sun Cho. Malware classification using a byte-granularity feature based on structural entropy. *Computational Intelligence*, 38(4):1536–1558, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rajendran:2022:HOA

[1332] Reenadevi Rajendran, Sathiyabhama Balasubramaniam, Vinayakumar Ravi, and Sankar Sennan. Hybrid optimization algorithm based feature selection for mammogram images and detecting the breast mass using multilayer perceptron classifier. *Computational Intelligence*, 38(4):1559–1593, August 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2022:IIe

[1333] Anonymous. Issue information. *Computational Intelligence*, 38(5):1595, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Logeswaran:2022:HUI

[1334] K. Logeswaran and P. Suresh. High utility itemset mining using genetic algorithm assimilated with off policy reinforcement learning to adaptively calibrate crossover operation. *Computational Intelligence*, 38(5):1596–1615, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Guney:2022:REF

[1335] Huseyin Guney and Huseyin Oztoprak. A robust ensemble feature selection technique for high-dimensional datasets based on minimum weight threshold method. *Computational Intelligence*, 38(5):1616–1658, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sevli:2022:DLB

[1336] Onur Sevli. A deep learning-based approach for diagnosing Covid-19 on chest X-ray images, and a test study with clinical experts. *Computational Intelligence*, 38(5):1659–1683, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2022:DPH

[1337] Miao Wang, JiWen Wang, YaTing Hu, BinBin Guo, and Hong Tang. Detection of pulmonary hypertension with six training strategies based on deep learning technology. *Computational Intelligence*, 38(5):1684–1706, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Naseer:2022:MFB

[1338] Asma Naseer and Kashif Zafar. Meta-feature based few-shot Siamese learning for Urdu optical character recognition. *Computational Intelligence*, 38(5):1707–1727, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xia:2022:NLN

[1339] Xunpeng Xia, Rongfu Zhang, Xufeng Yao, Gang Huang, and Tiequn Tang. A novel lung nodule accurate detection of computerized tomography images based on convolutional neural network and probability graph model. *Computational Intelligence*, 38(5):1728–1747, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yadav:2022:TSD

[1340] Pooja Yadav, Neeraj Menon, Vinayakumar Ravi, Sowmya Vishvanathan, and Tuan D. Pham. A two-stage deep learning framework for image-based Android malware detection and variant classification. *Computational Intelligence*, 38(5):1748–1771, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lu:2022:PLF

[1341] Run kun Lu, Jian-Wei Liu, Ze-Yu Liu, and Jinzhong Chen. Partially latent factors based multi-view subspace learning. *Computational In-*

telligence, 38(5):1772–1801, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Andrade:2022:MCU

[1342] Eduardo de O. Andrade, José Viterbo, Joris Guérin, and Flavia Bernardini. Malware classification using word embeddings algorithms and long-short term memory networks. *Computational Intelligence*, 38(5):1802–1830, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhao:2022:ECF

[1343] Meng Zhao, Zejun Jiang, Lifang Wang, Ronghan Li, Xinyu Lu, Zhongtian Hu, and Daqing Chen. An effective context-focused hierarchical mechanism for task-oriented dialogue response generation. *Computational Intelligence*, 38(5):1831–1858, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kherad:2022:RSU

[1344] Mahdi Kherad and Amir Jalaly Bidgoly. Recommendation system using a deep learning and graph analysis approach. *Computational Intelligence*, 38(5):1859–1883, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Templeton:2022:CBI

[1345] Julian Templeton and Thomas Tran. Cluster-based improvement rates for trust establishment models in single or distributed multi-agent systems. *Computational Intelligence*, 38(5):1884–1919, October 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2022:IIf

[1346] Anonymous. Issue information. *Computational Intelligence*, 38(6):1921, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rajita:2022:GCG

[1347] B. S. A. S. Rajita, Vrutik Halani, Dhruvil Shah, and Subhrakanta Panda. Gan-C: a generative adversarial network with a classifier for effective event prediction. *Computational Intelligence*, 38(6):1922–1955, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Tiwari:2022:RDL

[1348] Devisha Arunadevi Tiwari. Rmcl: a deep learning based recursive malicious context learner in social networks. *Computational Intelligence*, 38(6):1956–1989, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jain:2022:SLR

[1349] Muskan Jain, Dipit Vasdev, Kunal Pal, and Vishal Sharma. Systematic literature review on predictive maintenance of vehicles and diagnosis of vehicle's health using machine learning techniques. *Computational Intelligence*, 38(6):1990–2008, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Rao:2022:IST

[1350] Lakshmi Priya Swaminatha Rao and Suresh Jaganathan. Intelligent short term traffic forecasting using deep learning models with Bayesian contextual hyperband tuning. *Computational Intelligence*, 38(6):2009–2034, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Singh:2022:ECC

[1351] Ajeet Singh and Anurag Jain. An efficient credit card fraud detection approach using cost-sensitive weak learner with imbalanced dataset. *Computational Intelligence*, 38(6):2035–2055, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

houssaineHssayni:2022:DLF

[1352] El houssaine Hssayni, Nour-Eddine Joudar, and Mohamed Ettaouil. A deep learning framework for time series classification using normal cloud representation and convolutional neural network optimization. *Computational Intelligence*, 38(6):2056–2074, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shin:2022:SNN

[1353] Jae-Kyung Shin, Kwan-Young Bak, and Ja-Yong Koo. Sparse neural network regression with variable selection. *Computational Intelligence*, 38(6):2075–2094, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Baghdadi:2022:HDP

[1354] Ali Baghdadi, Narges Manouchehri, Zachary Patterson, Wentao Fan, and Nizar Bouguila. Hierarchical Dirichlet and Pitman–Yor process mixtures of shifted-scaled Dirichlet distributions for proportional data modeling. *Computational Intelligence*, 38(6):2095–2115, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kowalczuk:2022:CED

[1355] Zdzisław Kowalczuk, Michał Czubenko, and Weronika Żmuda-Trzebiatowska. Categorization of emotions in dog behavior based on the deep neural network. *Computational Intelligence*, 38(6):2116–2133, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Prusti:2022:HGB

[1356] Debachudamani Prusti, Ranjan Kumar Behera, and Santanu Kumar Rath. Hybridizing graph-based Gaussian mixture model with machine learning for classification of fraudulent transactions. *Computational Intelligence*, 38(6):2134–2160, December 2022. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2023:IIa

[1357] Anonymous. Issue information. *Computational Intelligence*, 39(1):1, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2023:SIP

[1358] Xuyun Zhang, Deepak Puthal, and Chi Yang. Special issue on privacy, security, and trust in computational intelligence. *Computational Intelligence*, 39(1):2–3, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zheng:2023:SAG

[1359] Ziwan Zheng, Yu Xia, Xiaocong Chen, and Junwei Yao. Security alert: Generalized deep multi-view representation learning for crime forecasting. *Computational Intelligence*, 39(1):4–17, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kumar:2023:RGT

[1360] Ajay Kumar, Kumar Abhishek, Chinmay Chakraborty, and Joel J. P. C. Rodrigues. Real geo-time-based secured access computation model for e-health systems. *Computational Intelligence*, 39(1):18–35, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xu:2023:RTC

[1361] Weijie Xu, Beijing Chen, Haoyang Shi, Hao Tian, and Xiaolong Xu. Real-time Covid-19 detection over chest X-ray images in edge computing. *Computational Intelligence*, 39(1):36–57, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yao:2023:ARI

[1362] Qing Yao, Taotao Li, Chao Yan, and Zhihong Deng. Accident responsibility identification model for Internet of Vehicles based on lightweight blockchain. *Computational Intelligence*, 39(1):58–81, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Liu:2023:ICO

[1363] Peichen Liu, Kai Peng, and Peng Tao. Intelligent computation offloading for educational virtual reality applications in smart campus using MoCell. *Computational Intelligence*, 39(1):82–103, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Altulyan:2023:BFD

[1364] May Altulyan, Lina Yao, Salil Kanhere, and Chaoran Huang. A blockchain framework data integrity enhanced recommender system. *Computational Intelligence*, 39(1):104–120, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2023:PPR

[1365] Hanrui Zhang, Qianmu Li, Jiangmin Xu, Shunmei Meng, and Jun Hou. A privacy-preserving recommendation method with clustering and locality-sensitive hashing. *Computational Intelligence*, 39(1):121–144, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ravi:2023:ABC

[1366] Vinayakumar Ravi and Mamoun Alazab. Attention-based convolutional neural network deep learning approach for robust malware classification. *Computational Intelligence*, 39(1):145–168, February 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2023:IIb

[1367] Anonymous. Issue information. *Computational Intelligence*, 39(2):169, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Devi:2023:ASR

[1368] Kharibam Jilenkumari Devi and Khelchandra Thongam. Automatic speaker recognition from speech signal using bidirectional long-short-term memory recurrent neural network. *Computational Intelligence*, 39

(2):170–193, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dhanachandra:2023:NHI

[1369] Nameirakpam Dhanachandra, Y. Jina Chanu, and Kh. Manglem Singh. A new hybrid image segmentation approach using clustering and black hole algorithm. *Computational Intelligence*, 39(2):194–213, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

S:2023:BDF

[1370] Manikandan R. P. S. and Kalpana A. M. Big data feature selection using fish and frog optimization. *Computational Intelligence*, 39(2):214–224, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Albahri:2023:TPE

[1371] Ahmed S. Albahri, Aws A. Zaidan, Hassan A. AlSattar, Rula A. Hamid, Osamah S. Albahri, Sarah Qahtan, and Abdulla H. Alamoodi. Towards physician's experience: Development of machine learning model for the diagnosis of autism spectrum disorders based on complex T-spherical fuzzy-weighted zero-inconsistency method. *Computational Intelligence*, 39(2):225–257, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Subramanian:2023:DEN

[1372] Arul Antran Vijay Subramanian and Jothi Prakash Venugopal. A deep ensemble network model for classifying and predicting breast cancer. *Computational Intelligence*, 39(2):258–282, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2023:CSA

[1373] Sulin Wang, Chengqiang Zhao, Lingling Huang, Yuanwei Li, and Ruochen Li. Current status, application, and challenges of the interpretability of generative adversarial network models. *Computational Intelligence*, 39(2):283–314, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ige:2023:LDL

[1374] Ayokunle Olalekan Ige and Mohd Halim Mohd Noor. A lightweight deep learning with feature weighting for activity recognition. *Computational Intelligence*, 39(2):315–343, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Dai:2023:MAB

[1375] Qi Dai, Jian wei Liu, and Jiapeng Yang. Multi-armed bandit heterogeneous ensemble learning for imbalanced data. *Computational Intelligence*, 39(2):344–368, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Roy:2023:DCI

[1376] Sanjib Roy and Ayan Kumar Das. Deep-CoV: an integrated deep learning model to detect Covid-19 using chest X-ray and Ct images. *Computational Intelligence*, 39(2):369–400, April 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2023:IIc

[1377] Anonymous. Issue information. *Computational Intelligence*, 39(3):401, June 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Levene:2023:PDO

[1378] Mark Levene and Trevor Fenner. The phenomenon of decision oscillation: a new consequence of pathology in game trees. *Computational Intelligence*, 39(3):402–414, June 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sampaio:2023:IRI

[1379] Igor Garcia Ballhausen Sampaio, José Viterbo, and Joris Guerin. Improving robustness of industrial object detection by automatic generation of synthetic images from cad models. *Computational Intelligence*, 39(3):415–432, June 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Han:2023:DSA

[1380] Pengfei Han, Huakang Li, Gang Xue, and Chao Zhang. Distributed system anomaly detection using deep learning-based log analysis. *Computational Intelligence*, 39(3):433–455, June 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Agrawal:2023:RNE

[1381] Tarun Agrawal and Prakash Choudhary. Rese-Net: Enhanced Unet architecture for lung segmentation in chest radiography images. *Computational Intelligence*, 39(3):456–477, June 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shah:2023:DWT

[1382] Syed Aamir Ali Shah, Abdul Bais, Abdulaziz Alashaikh, and Eisa Alanazi. Discrete wavelet transform based branched deep hybrid network for environmental noise classification. *Computational Intelligence*, 39(3):478–498, June 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kaya:2023:NCB

[1383] Tugba Turkoglu Kaya, Emre Yalcin, and Cihan Kaleli. A novel classification-based shilling attack detection approach for multi-criteria recommender systems. *Computational Intelligence*, 39(3):499–528, June 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2023:IId

[1384] Anonymous. Issue information. *Computational Intelligence*, 39(4):529, August 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Er:2023:E

[1385] Meng Joo Er, Zhaojie Ju, and Alexander Ferrein. Editorial. *Computational Intelligence*, 39(4):530–531, August 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Premkumar:2023:PCB

[1386] S. Premkumar and A. N. Sigappi. Processing capacity-based decision mechanism edge computing model for IoT applications. *Computational Intelligence*, 39(4):532–553, August 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gnanadurai:2023:DCA

[1387] Gladys Jebakumari Gnanadurai, Arun Raaza, Rajendran Velayutham, Sathish Kumar Palani, and Ebenezer Abishek Bramwell. Detection of cardiac amyloidosis on electrocardiogram images using machine learning and deep learning techniques. *Computational Intelligence*, 39(4):554–576, August 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Syed:2023:AIP

[1388] Mohammad Haider Syed, Kamal Upreti, Mohammad Shahnawaz Nasir, Mohammad Shabbir Alam, and Arvind Kumar Sharma. Addressing image and Poisson noise deconvolution problem using deep learning approaches. *Computational Intelligence*, 39(4):577–591, August 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ayub:2023:HAI

[1389] Shahanaz Ayub, Navneet Singh, Md. Zair Hussain, Mohd Ashraf, Dinesh Kumar Singh, and Anandakumar Haldorai. Hybrid approach to implement multi-robotic navigation system using neural network, fuzzy logic, and bio-inspired optimization methodologies. *Computational Intelligence*, 39(4):592–606, August 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saravanan:2023:OCB

[1390] Thapasimuthu Rajeswari Saravanan, Jeyaraj Kalaivani, and Govindan Nagarajan. An optimal cluster based security and resilience of smart home environments using hybrid soft computing techniques. *Computational Intelligence*, 39(4):607–630, August 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2023:IIe

[1391] Anonymous. Issue information. *Computational Intelligence*, 39(5):631, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Babu:2023:DAS

[1392] E. Bharat Babu, D. Hari Krishna, S. Munavvar Hussain, and Santhosh Kumar Veeramalla. Development of acoustic source localization with adaptive neural network using distance mating-based red deer algorithm. *Computational Intelligence*, 39(5):632–665, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saurav:2023:DCE

[1393] Sumeet Saurav, Ravi Saini, and Sanjay Singh. A dual-channel ensembled deep convolutional neural network for facial expression recognition in the wild. *Computational Intelligence*, 39(5):666–706, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Qian:2023:PGN

[1394] Yiming Qian, Fengyi Zhang, and Zhiyong Liu. Policy generation network for zero-shot policy learning. *Computational Intelligence*, 39(5):707–733, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Baldini:2023:CNN

[1395] Gianmarco Baldini, Irene Amerini, Franc Dimc, and Fausto Bonavitacola. Convolutional neural networks combined with feature selection for radio-frequency fingerprinting. *Computational Intelligence*, 39(5):734–758, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hannachi:2023:OST

[1396] Samar Hannachi, Fatma Najar, Hafsa Ennajari, and Nizar Bouguila. Online short text clustering using infinite extensions of discrete mixture models. *Computational Intelligence*, 39(5):759–782, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shankar:2023:IHR

[1397] Venkatesh Gauri Shankar, Dilip Singh Sisodia, and Preeti Chandrakar. An intelligent hierarchical residual attention learning-based conjoined twin neural network for Alzheimer's stage detection and prediction. *Computational Intelligence*, 39(5):783–805, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sivaparthipan:2023:CAB

[1398] Chandrakirishnan Balakrishnan Sivaparthipan, Priyan Malarvizhi Kumar, Thota Chandu, BalaAnand Muthu, Mohammed Hasan Ali, and Boris Tomaš. Classification analysis of burnout people's brain images using ontology-based speculative sense model. *Computational Intelligence*, 39(5):806–831, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Padhy:2023:ABD

[1399] Swarup Padhy and Santosh Singh Rathore. An attention-based deep learning model for credibility assessment of online health information. *Computational Intelligence*, 39(5):832–859, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Moitra:2023:CPH

[1400] Anindya Moitra, Nicholas O. Malott, and Philip A. Wilsey. Computation of persistent homology on streaming data using topological data summaries. *Computational Intelligence*, 39(5):860–899, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Parlak:2023:NFR

[1401] Bekir Parlak. A novel feature ranking algorithm for text classification: Brilliant probabilistic feature selector (bpfs). *Computational Intelligence*, 39(5):900–926, October 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2023:IIf

[1402] Anonymous. Issue information. *Computational Intelligence*, 39(6):927, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Moroni:2023:GES

[1403] Davide Moroni, Maria Trocan, and Behçet Uğur Töreyin. Guest editorial on the special issue on the role of fuzzy systems on biomedical science in healthcare. *Computational Intelligence*, 39(6):928–929, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pethuraj:2023:ACI

[1404] Mohamed Shakeel Pethuraj, Burhanuddin bin Mohd Aboobaider, and Lizawati Binti Salahuddin. Analyzing Ct images for detecting lung cancer by applying the computational intelligence-based optimization techniques. *Computational Intelligence*, 39(6):930–949, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhao:2023:SAA

[1405] Ludi Zhao, Xuting Guo, and Guanpeng Song. Smart analysis of anxiety people and their activities using heterogeneous quasiperiodic process. *Computational Intelligence*, 39(6):950–973, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

John:2023:ELM

[1406] M. Grace John and S. Baskar. Extreme learning machine algorithm-based model for lung cancer classification from histopathological real-time images. *Computational Intelligence*, 39(6):974–1003, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yu:2023:RNN

[1407] Lisu Yu, Yifei Wang, Liyu Zhou, Jinsheng Wu, and Zhenghai Wang. Residual neural network-assisted one-class classification algorithm for melanoma recognition with imbalanced data. *Computational Intelligence*, 39(6):1004–1021, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Arumugham:2023:EDL

[1408] Vinothini Arumugham, Baghavathi Priya Sankaralingam, Uma Maheswari Jayachandran, Komanduri Venkata Sesha Sai Rama Krishna, Selvanayaki Sundarraj, and Moulana Mohammed. An explainable deep learning model for prediction of early-stage chronic kidney disease. *Computational Intelligence*, 39(6):1022–1038, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Birlin:2023:ADM

[1409] T. Monisha Birlin, C. Divya, and J. John Livingston. Automatic detection of microaneurysms using a novel segmentation algorithm based on deep learning techniques. *Computational Intelligence*, 39(6):1039–1053, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gulande:2023:SAB

[1410] Punam Gulande and R N Awale. Svm-Abc based cancer microarray (gene expression) hybrid method for data classification. *Computational Intelligence*, 39(6):1054–1072, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pramila:2023:ASL

[1411] Rayappa Priyanka Pramila and Radhakrishnan Subhashini. Automated skin lesion detection and classification using fused deep convolutional neural network on dermoscopic images. *Computational Intelligence*, 39 (6):1073–1087, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jain:2023:RDP

[1412] Arushi Jain, Vishal Bhatnagar, Annavarapu Chandra Sekhara Rao, and Manju Khari. Retina disease prediction using modified convolutional neural network based on Inception-ResNet model with support vector machine classifier. *Computational Intelligence*, 39(6):1088–1111, December 2023. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2024:IIa

[1413] Anonymous. Issue information. *Computational Intelligence*, 40(1): e12580:1–e12580:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sundaresan:2024:DML

[1414] Yokesh B. Sundaresan and M. A. Saleem Durai. Dynamic machine learning-based heuristic energy optimization approach on multicore architecture. *Computational Intelligence*, 40(1):e12266:1–e12266:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Li:2024:EGS

[1415] Ming Li, Kang Xu, and Sheng Huang. Evaluation of green and sustainable building project based on extension matter-element theory in smart city application. *Computational Intelligence*, 40(1):e12286:1–e12286:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

E:2024:SWB

[1416] Sathishkumar V. E. and Yongyun Cho. Season wise bike sharing demand analysis using random forest algorithm. *Computational Intelligence*, 40 (1):e12287:1–e12287:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xu:2024:ACC

[1417] Xuedong Xu, Wei Sun, Vivekananda G. N., and Achyut Shankar. Achieving concurrency in cloud-orchestrated Internet of Things for resource sharing through multiple concurrent access. *Computational Intelligence*, 40(1):e12296:1–e12296:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ramasamy:2024:NMD

[1418] Manikandan Ramasamy, Prasanna Santhanam, Ashwin Muniyappan, Sathish Kumar Lakshmanan, and Sanjeevi Pandiyan. A novel methodology for the development of an optimal agricultural crop field using Internet of Things. *Computational Intelligence*, 40(1):e12308:1–e12308:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Mao:2024:IPS

[1419] Jia Mao, Qi Sun, Xi Wang, BalaAnand Muthu, and Sujatha Krishnamoorthy. The importance of public support in the implementation of green transportation in the smart cities. *Computational Intelligence*, 40(1):e12326:1–e12326:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ming:2024:ASI

[1420] Chen Ming, Seifedine Kadry, and A. Antony Dasel. Automating smart Internet of Things devices in modern homes using context-based fuzzy logic. *Computational Intelligence*, 40(1):e12370:1–e12370:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Patil:2024:FBR

[1421] Sunita Satish Patil and Thangamuthu Senthil Kumaran. Fuzzy based rendezvous points selection for mobile data gathering in wireless sensor network. *Computational Intelligence*, 40(1):e12486:1–e12486:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

U:2024:EEC

[1422] Om Kumar C. U and Ponsy R. K. Sathia Bhama. Efficient ensemble to combat flash attacks. *Computational Intelligence*, 40(1):e12488:1–e12488:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

M:2024:MCN

[1423] Mahaboob John Y. M. and Ravi G. Multi constrained network feature approximation based secure routing for improved quality of service in mobile ad-hoc network. *Computational Intelligence*, 40(1):e12489:1–e12489:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

R:2024:LME

[1424] Vinod Kumar R, Kavithaa G, and Jayanthi D. Lifetime maximization energy-aware routing protocol for route optimization to improve quality of service in wireless sensor networks. *Computational Intelligence*, 40(1): e12485:1–e12485:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kumar:2024:AIC

[1425] Neeraj Kumar and Upendra Kumar. Artificial intelligence for classification and regression tree based feature selection method for network intrusion detection system in various telecommunication technologies. *Computational Intelligence*, 40(1):e12500:1–e12500:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alluhaidan:2024:AIP

[1426] Ala Saleh Alluhaidan. Artificial intelligence for public perception of drones as a tool for telecommunication technologies. *Computational Intelligence*, 40(1):e12507:1–e12507:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Santhoshkumar:2024:RDP

[1427] S. P. Santhoshkumar, H. Lilly Beaulah, Abdulrahman Saad Alqahtani, P. Parthasarathy, and Azath Mubarakali. A remote diagnosis of Parkinson's ailment using artificial intelligence based Bpnn framework and cloud based storage architecture for securing data in cloud environment for the application of telecommunication technologies. *Computational Intelligence*, 40(1):e12508:1–e12508:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Deepak:2024:QQG

[1428] Gerard Deepak and Arumugam Santhanavijayan. Qgms: a query growth model for personalization and diversification of semantic search based on differential ontology semantics using artificial intelligence. *Computational Intelligence*, 40(1):e12514:1–e12514:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Veerabatheran:2024:DSB

[1429] Nehru Veerabatheran, Prabhu Venkatesan, and Rakesh Kumar Mahendran. Denoising and segmentation of brain image by proficient blended threshold and conserve edge scrutinize technique. *Computational Intelligence*, 40(1):e12542:1–e12542:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Pan:2024:SET

[1430] Min Pan, Teng Li, Yu Liu, Quanli Pei, Ellen Anne Huang, and Jimmy X. Huang. A semantically enhanced text retrieval framework with abstractive summarization. *Computational Intelligence*, 40(1):e12603:1–e12603:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yu:2024:PAC

[1431] Jiyang Yu, Dan Huang, Wenjie Li, Xianjie Wang, and Xiaolong Shi. Parallel accelerated computing architecture for dim target tracking onboard. *Computational Intelligence*, 40(1):e12604:1–e12604:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Gao:2024:LMM

[1432] Hongwei Gao, Hongyang Zhang, Yueqiu Jiang, Jian Sun, and Jiahui Yu. A localization method of manipulator towards achieving more precision control. *Computational Intelligence*, 40(1):e12600:1–e12600:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2024:PMS

[1433] Yihua Chen. A progressive mesh simplification algorithm based on neural implicit representation. *Computational Intelligence*, 40(1):e12605:1–e12605:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Lu:2024:STP

[1434] Xiaoyang Lu, Yandang Chen, Qibin Li, and Pingping Yu. Short-term photovoltaic power forecasting using hybrid contrastive learning and temporal convolutional network under future meteorological information absence. *Computational Intelligence*, 40(1):e12606:1–e12606:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Xu:2024:JHC

[1435] Chujie Xu, Yong Du, Jingzi Wang, Wenjie Zheng, Tiejun Li, and Zhansheng Yuan. A joint hierarchical cross-attention graph convolutional network for multi-modal facial expression recognition. *Computational Intelligence*, 40(1):e12607:1–e12607:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jia:2024:RIM

[1436] Yuanzhe Jia, Ali Anaissi, and Basem Suleiman. Resnls: an improved model for stock price forecasting. *Computational Intelligence*, 40(1): e12608:1–e12608:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ameur:2024:EAM

[1437] Asma Ameur, Sana Hamdi, and Sadok Ben Yahia. Enhanced approach of multilabel learning for the Arabic aspect category detection of the hotel reviews. *Computational Intelligence*, 40(1):e12609:1–e12609:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2024:CAU

[1438] Zhe Wang, Chun Yang, and Binyu Xie. Cache-aided Uav-assisted relaying networks: Performance analysis and system optimization. *Compu-*

tational Intelligence, 40(1):e12610:1–e12610:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Naosekpam:2024:FSL

[1439] Veronica Naosekpam and Nilkanta Sahu. Few-shot learning for word-level scene text script identification. *Computational Intelligence*, 40(1): e12612:1–e12612:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Jiasen:2024:ISP

[1440] Liu Jiasen, Wang Xu An, Li Guofeng, Yu Dan, and Zhang Jindan. Improved secure Pca and Lda algorithms for intelligent computing in IoT-to-cloud setting. *Computational Intelligence*, 40(1):e12613:1–e12613:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yang:2024:CAM

[1441] Chun Yang, Zhe Wang, and Binyu Xie. Cache-aided multiuser Uav-Mec networks for smart grid networks: a Ddpg approach. *Computational Intelligence*, 40(1):e12616:1–e12616:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Saroj:2024:SAH

[1442] Anita Saroj, Akash Thakur, and Sukomal Pal. Sentiment analysis on Hindi tweets during Covid-19 pandemic. *Computational Intelligence*, 40 (1):e12622:1–e12622:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wan:2024:TST

[1443] Liuwei Wan, Meili Zhou, Shengqin Jiang, Zongwen Bai, and Haokui Zhang. Tripartite-structure transformer for hyperspectral image classification. *Computational Intelligence*, 40(1):e12611:1–e12611:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Farek:2024:FRR

[1444] Lazhar Farek and Amira Benaidja. Feature redundancy removal for text classification using correlated feature subsets. *Computational Intelligence*, 40(1):e12621:1–e12621:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Agrawal:2024:EVQ

[1445] Mayank Agrawal, Anand Singh Jalal, and Himanshu Sharma. Enhancing visual question answering with a two-way co-attention mechanism and integrated multimodal features. *Computational Intelligence*, 40(1): e12624:1–e12624:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kaur:2024:AIC

[1446] Davinder Kaur, Suleyman Uslu, Mimoza Durresi, and Arjan Durresi. Artificial intelligence control for trust-based detection of attackers in 5G social networks. *Computational Intelligence*, 40(1):e12618:1–e12618:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Kim:2024:IIP

[1447] Yongho Kim, Jiha Kim, Cheolwoo You, and Hyunhee Park. Integrated indoor positioning methods to optimize computations and prediction accuracy enhancement. *Computational Intelligence*, 40(1):e12620:1–e12620:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Sun:2024:JOU

[1448] Yuan Sun, Zhicheng Dong, Liuqing Yang, Donghong Cai, Weixi Zhou, and Yanxia Zhou. Joint optimization of Uav position and user grouping for Uav-assisted hybrid Noma systems. *Computational Intelligence*, 40 (1):e12625:1–e12625:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shu:2024:MNR

[1449] Zhixu Shu and Kewang Zhang. A mechanism for network resource allocation and task offloading in mobile edge computing and network engineering. *Computational Intelligence*, 40(1):e12628:1–e12628:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2024:EAB

[1450] Gang Chen, Xiaomin Cheng, Jianpeng Chen, Xiangrong She, JiaQi Qin, and Jian Chen. Event assigning based on hierarchical features and enhanced association for Chinese mayor's hotline. *Computational Intelligence*, 40(1):e12626:1–e12626:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhang:2024:HHA

[1451] Meng Zhang, Zhiwen Xie, Jin Liu, Xiao Liu, Xiao Yu, and Bo Huang. Hypered: a hierarchy-aware network based on hyperbolic geometry for event detection. *Computational Intelligence*, 40(1):e12627:1–e12627:??,

February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Alghamdi:2024:EOA

[1452] Turki Ali Alghamdi and Nadeem Javaid. Energy optimization with authentication and cost effective storage in the wireless sensor IoTs using blockchain. *Computational Intelligence*, 40(1):e12630:1–e12630:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Al-Otaibi:2024:AII

[1453] Shaha Al-Otaibi, Rahim Khan, Jehad Ali, and Aftab Ahmed. Artificial intelligence and Internet of Things-enabled decision support system for the prediction of bacterial stalk root disease in maize crop. *Computational Intelligence*, 40(1):e12632:1–e12632:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Srinivasu:2024:XDM

[1454] Parvathaneni Naga Srinivasu, Muhammad Fazal Ijaz, and Marcin Woźniak. Xai-driven model for crop recommender system for use in precision agriculture. *Computational Intelligence*, 40(1):e12629:1–e12629:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Agrawal:2024:EST

[1455] Mayank Agrawal, Anand Singh Jalal, and Himanshu Sharma. Enhancing scene-text visual question answering with relational reasoning, attention and dynamic vocabulary integration. *Computational Intelligence*, 40(1): e12635:1–e12635:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Huangfu:2024:GBU

[1456] Hancong Huangfu and Zizhen Zhang. Greedy-based user selection for federated graph neural networks with limited communication resources. *Computational Intelligence*, 40(1):e12637:1–e12637:??, February 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Anonymous:2024:IIb

[1457] Anonymous. Issue information. *Computational Intelligence*, 40(2): e12581:1–e12581:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Hanzlicek:2024:ULN

[1458] Zdeněk Hanzlíček, Jindřich Matoušek, and Jakub Vít. Using Lstm neural networks for cross-lingual phonetic speech segmentation with an iterative correction procedure. *Computational Intelligence*, 40(2):e12602:1–e12602:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zheng:2024:MMF

[1459] Xinwang Zheng, Wenjie Zheng, and Chujie Xu. A multi-modal fusion YoLo network for traffic detection. *Computational Intelligence*, 40(2): e12615:1–e12615:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2024:HAP

[1460] Wei Chen, Zinuo Liu, and Lifen Jia. A hybrid approach for portfolio construction: Combing two-stage ensemble forecasting model with portfolio optimization. *Computational Intelligence*, 40(2):e12617:1–e12617:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Aramkul:2024:IIF

[1461] Somrawee Aramkul and Prompong Sugunnasil. Intelligent IoT framework with gan-synthesized images for enhanced defect detection in manufacturing. *Computational Intelligence*, 40(2):e12619:1–e12619:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Singh:2024:HDF

[1462] Surjeet Singh and Vivek Kumar Sehgal. A hybrid data fusion approach with twin Cnn architecture for enhancing image source identification in IoT environment. *Computational Intelligence*, 36(3):e12631:1–e12631:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Najafabadi:2024:SAI

[1463] Maryam Khanian Najafabadi. Sentiment analysis incorporating convolutional neural network into hidden Markov model. *Computational Intelligence*, 36(3):e12633:1–e12633:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Wang:2024:FDO

[1464] Qiu-Yu Wang, Xian-Long Lv, and Shi-Kai Tang. Fvcnet: Detection obstacle method based on feature visual clustering network in power line inspection. *Computational Intelligence*, 36(3):e12634:1–e12634:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Zhou:2024:MAF

[1465] Tong Zhou, Changyin Dong, Junshu Song, Zhiqiang Zhang, Zhen Wang, Bo Chang, and Dechun Chen. Multiscale attention for few-shot image classification. *Computational Intelligence*, 36(3):e12639:1–e12639:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Yuan:2024:EGE

[1466] Hui Yuan, Zhumao Lu, Ruizhe Zhang, Jinsong Li, Shuai Wang, and Jingjing Fan. An effective graph embedded Yolov5 model for forest fire detection. *Computational Intelligence*, 36(3):e12640:1–e12640:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Cai:2024:RFG

[1467] Zhenhuang Cai, Shuai Yan, and Dan Huang. Robust fine-grained visual recognition with images based on Internet of Things. *Computational Intelligence*, 36(3):e12638:1–e12638:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Chen:2024:PPS

[1468] Yu-Chi Chen, Song-Yi Hsu, Xin Xie, Saru Kumari, Sachin Kumar, Joel Rodrigues, and Bander A. Alzahrani. Privacy preserving support vector machine based on federated learning for distributed IoT-enabled data analysis. *Computational Intelligence*, 36(3):e12636:1–e12636:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Velmurugan:2024:NAM

[1469] K. Jayasakthi Velmurugan, G. Sumathy, and K. V. Pradeep. Novel algorithm machine translation for language translation tool. *Computational Intelligence*, 36(3):e12643:1–e12643:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Maanicshah:2024:NMA

[1470] Kamal Maanicshah, Manar Amayri, and Nizar Bouguila. Novel mixture allocation models for topic learning. *Computational Intelligence*, 36(3): e12641:1–e12641:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Shu:2024:GEL

[1471] Yuan Shu, Fuxi Zhu, Zhongqiu Zhang, Min Zhang, Jie Yang, Yi Wang, and Jun Wang. Graph embedded low-light image enhancement transformer based on federated learning for Internet of Vehicle under tunnel environment. *Computational Intelligence*, 36(3):e12648:1–e12648:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ali:2024:DMC

[1472] Azmat Ali, Yulin Wang, and Xiaochuan Shi. Detection of multi-class lung diseases based on customized neural network. *Computational Intelligence*, 36(3):e12649:1–e12649:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).

Ding:2024:CWD

[1473] Yaoyao Ding, Xiaoxi Zhu, and Yuntao Zou. Contour wavelet diffusion: a fast and high-quality image generation model. *Computational Intelligence*, 36(3):e12644:1–e12644:??, April 2024. CODEN COMIE6. ISSN 0824-7935 (print), 1467-8640 (electronic).