

A Selected Bibliography of Publications by, and about, Werner Heisenberg

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Title word cross-reference

$(k_1 - k_n)$ [Tem91]. + [BKBS93]. **\$1.40** [Ano68]. $1/2$
[BHX96, JKS13, LB72, Man91]. **\$10.95** [Jor78]. **\$11.50** [Jor78]. **\$12.00**
[Kra07, Lan08]. **\$18.50** [Jor78]. **\$2** [Ano29]. 2 [Hen93]. **\$27.00** [Bed09].
\$27.50 [Cas93a, Wil94]. **\$28.95** [Klo96]. **\$29.95** [Fra94, Hay90]. $2p\pi$ [SHI73].
 3 [Isa82]. **\$35** [Lan02]. **\$35.00** [Neu99, Par06]. **\$4.75** [Ano54]. **\$6.95** [Lib68].
\$60.00 [Wat01]. **\$80.00** [Cas11]. = [BKBS93]. * [BT96]. ²³⁸
[Tur46a, Tur46b]. 2 [BBF⁺45, DDH41a, DDH42a, DDH42c, DDH89a,
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[VBN95a, VBN95b, vBN95c]. q [Bec02]. β [Gau14]. C^* [Pac88, Sud06].
 $\mathcal{U}_{h,w}(\mathcal{H}(4))$ [Abd97]. d [VZ09]. η [Hei89k]. $H(1)_q$ [CGST91]. H_0 [CBS20]. K_0
[Pac88]. L^2 [NRS71]. $L_2(\mathbf{R}^d)$ [RS94]. L_p [LN06]. Λ [Cul05]. ω [DH62]. π
[Hei511]. $pq - qp = \sqrt{-1}\hbar/(2\pi)$ [Ber35]. q [AFW94, GH10, Sch99]. S
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$V\theta$ [Nel72]. XXZ [LFK99, ZG96]. xy [Pug80]. $|kq\{\tilde{K}\}(k_1 - k_n):[\tilde{\lambda}], \mathcal{S}_n\rangle$ [Tem91].

-algebra [AFW94, Sud06]. **-algebras** [BT96, Pac88]. **-component** [Isa82]. **-D** [Hen93]. **-deformed** [Sch99]. **-electron** [SHI73]. **-graded** [GH10]. **-groups** [Pac88]. **-Matrix** [Hei89k, Hei89k, Cus86]. **-Meson** [DH62, Hei511]. **-Mesonen** [Hei511]. **-orthogonal** [VZ09].

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0 [Fra94, Hen00, Mar94, Tur06]. **0-394-51411-4** [Wil94]. **0-520-08499-3** [Mar94]. **0-520-21077-8** [Hen00]. **0-674-01519-3** [Tur06]. **0-7167-2243-7** [Fra94]. **0-7923-3794-8** [Lan02]. **0-9672617-2-4** [Kra07, Lan08].

1 [Ano08]. **1-Megabit-Speicherchip** [Ano84a]. **1.5** [GRE⁺01]. **10** [Str62b]. **100** [Hei42a]. **1000** [Hei57b]. **100th** [Hei58l, Hei05b, Jac01, KRW05, Rec01, Rec02b, RH02, vM02]. **109** [RDM⁺12a]. **112** [FW07]. **12.** [Hei43a, Str62c]. **13.80** [Hei53b]. **14th** [Hei75s]. **15** [BDR84h]. **15.12.1958** [Hei59j]. **16.10.1971** [Hei72f]. **170** [Kra86a]. **18.11.1962** [Hei63h]. **19** [Hei89-36]. **1911** [Meh75]. **1914** [Hei64c]. **1916-1955** [Mar73]. **1925** [AMS04, Hei35e, Hen98]. **1926** [Sta11a]. **1927** [Rig87]. **1928** [Hei29a, HH84]. **1929** [HEB⁺80, HvMW79, Pye81]. **1930s** [Fie80, Hei93e]. **1931** [Hei31g]. **1932** [Hei32c]. **1933** [CCJ⁺34]. **1933/Chadwick** [Ano51]. **1935** [Hei35d, Hei85b]. **1935/1936** [Ano51]. **1939** [Hei89m, OSWR86, vMHW85, Hay90, Rec86, Sei90a]. **1939-1945** [Sei90a]. **1939-1949** [Hay90]. **1940** [DDH89e, DDH89d, Hei89h]. **1941** [Aas02c, DDH89f, DDH89g, Hei41b, Hei89-36, Hei89x, Hei89-34]. **1942** [DDH89a, DDH89c, DDH89b, Hei89g, HBF⁺89a, Hei89n, HBF⁺89b, HBF⁺89c, Hei95, KW93, Bar04]. **1943** [Ano44a, Wal20]. **1943/1944** [Hei89e]. **1943/44** [Brü64]. **1944** [Ano44a, Hei89-33]. **1945** [BC95, Cas79a, Cas05, HBB⁺89, HGW89b, HHH03, Hen00, Kan03, Sei90a]. **1946** [Hei47f]. **1946/47** [Hei47f, Hei47f]. **1947** [Sei90a]. **1947-1977** [Sei90a]. **1948** [Hei48a]. **1949** [PvM93, Wal08, vM93, Bro95, Hay90, Kra96]. **1950** [Hei51k, Hei52p]. **1950/51** [Hei52p, Hei52p]. **1950s** [Hei86a, Sei90a]. **1952** [vM96]. **1953** [Hei56g]. **1954** [vM99]. **1954/Mladjenovic** [ARK⁺99]. **1956** [vM01]. **1958** [vM05b]. **1960s** [ARK⁺99, Mla98]. **1960s/Frenkel** [ARK⁺99]. **1962/Gray** [SPS⁺64]. **1967** [Paw06]. **1968** [BDR84d, Hei69b]. **1970** [BSP⁺70]. **1971** [Bun71]. **1971/Benz** [LSK⁺76]. **1972** [Hei72c, Meh73]. **1973** [Hei73a]. **1974** [CDvW75]. **1976** [BDR85a, MP77, Hah06, Mac78b]. **1977** [Sei90a]. **1979** [Rür79]. **1980** [Dür80]. **1984/Zen** [Ano84a]. **1984/Zen-Ereignisse** [Ano84a]. **1985** [CW85]. **1985/Welch** [Ano84b].

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2 [Ben35, BDR84a]. **2.** [Ano35a, BDR84a, Hei43b]. **2.50** [Deh37]. **20** [Cas93a]. **2000** [Log00]. **20th** [Bro97, Meh73, Sch96a, Bre97, Hei75a]. **20th-Century** [Hei75a]. **22** [CCJ+34]. **238** [Hei41f, Hei89x]. **26** [DDH89c, DDH89b, Hei89n, Hei89-34, HBF+89b]. **26.-28** [DDH89b, HBF+89b]. **28** [DDH89f, DDH89g, Hei72c]. **29** [Hei89h]. **298.00** [Hen86]. **2nd** [Hei31b, Hei93d].

3 [Ano44a, Ano08, Büh95, CDvW79, HBB+89, Mar94, Rec03, Tur06]. **3-05-501585-1** [Ano08]. **3-540-13609-6** [Hen86]. **3-86025-315-8** [Büh95, Rec03]. **3.50** [DS43]. **3.85** [Bro72]. **30** [HBF+89a]. **31** [Hei64c, Hei89g]. **33rd** [Ano68]. **35** [DPL96]. **37** [BDR84h]. **38** [DDH40a, DDH41a, DDH41b, Fri98, Hei42b]. **38-ball** [HBF+89c]. **38-layer** [HBF+42, HBF+89a]. **38-Metal** [Hei42b, Hei89g]. **38-Metall** [BFH+42b, DDH42b, DDH89b, HBF+42, Hei89g, HBF+89a, HBF+89c, Hei42b]. **3d** [Tho97]. **3rd** [Cas92a].

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9.10.1949 [Hei86j]. **90th** [Rec02a]. **95h** [DPL96]. **978-0-521-82170-4** [Sta11b]. **978-0-521-88484-6** [Bok10, Sta11b]. **978-3-540-69221-8** [Hen11]. **989** [FS93].

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BDR84e, BSP⁺⁷⁰, Büh95, GRE⁺⁰¹, HEB⁺⁸⁰, HMSH78, Jac11b, KED⁺⁶⁰, LSK⁺⁷⁶, SCH⁺⁷⁸, SPS⁺⁶⁴, vRFS⁺⁰⁰]. **Build** [Gol92, KH19, Hei67a, Hei67g, SR92]. **Building** [Ano43, Gol95, Hei53o]. **bulk** [Eck70]. **Bulletin** [FR98]. **Bunde** [MGG⁺⁹⁵]. **Bundesregierung** [Hei53d]. **Bundesrepublik** [Hei65d, Sch05, Sch07, Hei57d]. **Bundestag** [Hei53q]. **Bundestages** [Hei53q]. **Bunin** [Ano33]. **burdens** [Hol86, Hol98]. **burner** [HW84b]. **Burns** [Sei90a]. **Bush** [Gol92]. **bust** [Hei86o]. **Büsten** [Rec91a, Rec91b]. **busts** [Rec91a, Rec91b].

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Chem [BMG⁺50]. **Chemical**
 [BSP⁺70, BH24a, BH63b, Hea11, Hei24c, Hei41b]. **Chemical-Physical**
 [Hei41b]. **Chemie** [BSP⁺70, Hei53e, KED⁺60, MGG⁺95, Sim07].
Chemie/Dictionary [MGG⁺95]. **Chemie/Fletscher** [BSP⁺70].
Chemielehrer [Ost11]. **Chemisch** [Hei41b]. **Chemisch-Physikalische**
 [Hei41b]. **chemische** [BH24a, BH63b, Hei24c]. **Chemistry**
 [Joh13, Hei53e, Ost11, MGG⁺95, Sim07]. **Chemists** [Joh13, Har60].
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 [KED⁺60]. **Ci** [Arg09]. **Ciencia** [FR04]. **circle** [BR64]. **Citizen** [Sei90a].
City [Hei74g]. **Claim** [Gou49]. **class** [NRS71]. **Classical**
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 [Bok06, Bok04, Hei48e, Hei48d, Hei74i, Hei83d, LFK99]. **Closing**
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club [Ber96]. **cluster** [GbK77, KSGB⁺83]. **cm** [BBF⁺45, HBB⁺89]. **Co**
 [Ano94, Fra94, RRK⁺64]. **co-workers** [RRK⁺64]. **Code** [Pag82]. **codes**
 [BPP11]. **Cohen** [Men84]. **coherent** [BK88, CM02, KSGB⁺83]. **Coin**
 [FR13a]. **Coined** [Gal01]. **Cold** [Sal19]. **collaboration**
 [BLW19, Dür05, vM05a]. **Collapse** [CK02b, CK02a]. **colleagues**
 [BR64, RKW05, Roz67]. **Collected** [BDR84a, BDR84b, BDR85a, BDR84c,
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 Kra86a, Mat87, Sch91b, TW91, Wig96m, BDR89a]. **Collective**
 [HEB⁺80, Hei65i, Hei84z, SME77]. **college** [Hei72j, SM41]. **collide** [Wal08].
Collisions [Hei84-28, Hei55e, Hei56l, Hei83g, JD06]. **Colloquium**
 [CW85, UM92]. **color** [Hei41d]. **colour** [Hei52o]. **Columbia** [Ano29].
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 [Gin75]. **Commemoration** [Her76a, Hei69f, Hei71f]. **Comment**
 [Got04, Rab48]. **commentaries** [BB05, Bro72, Yan13a]. **Commentary**
 [Got83, Yan13b]. **Comments** [HH75, Hei75h, HS81, OS03, Hei69i, Rob82,
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 [Sei90a]. **Committee** [Sei90a]. **Communicating** [vD15]. **communication**
 [Hei28c]. **comunicazione** [Hei28c]. **communists** [Bro09]. **Community**
 [Hab69, Jor78, Bey77, Rin69, Rin90, Mai07]. **Como** [And89]. **compact**

[Wan98]. **comparative** [SW05, Hei511]. **Comparison** [Los61, Eck33].
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[Hei85d]. **complémentarité** [DC48]. **Complementarity**
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[Hei68j, Hei73e]. **Completed** [Hei79b]. **Completion** [Hei70a, Hei71a].
Complex [RFS⁺91, LM87]. **complexes** [OD03]. **Complexity** [vRFS⁺00].
component [Hei38d, Hei41c, Hei84n, Isa82]. **components** [SH22a].
composed [DDH89a]. **composition** [Hei39c, Hei84j]. **compressible**
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[Hei84-54, Hei00a, Hei08c]. **concentration** [CP84]. **Concept**
[BR96b, Hei65l, Car76, Hei51i, Hei69c, Hei71c, Hei82c]. **ConceptDraw**
[GRE⁺01]. **Conception**
[Han62, Hei60g, Joh59, Sch59, Hei58r, Hei70i, Meh73]. **Conceptions**
[LBBH69]. **Concepts** [Boh62, Cam07b, Hei75a, Hei75j, Hei75b, Ome75,
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Condensed [ARK⁺99]. **condition** [Ter82]. **conditions**
[Hei59b, MF69, Tru72]. **cones** [Pac88]. **Conf** [BSP⁺70]. **Conference**
[BCEP94, Hei75s, RDP⁺95, AK15, CDvW75, CDvW79, GZ95, Far01, Stall1a,
BV09]. **conferences** [Meh75]. **configurations** [Woo77]. **Conformist** [Jor78].
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[Hei34c, Hei84b, Hei32e, Hei34c, Hei48k, Hei72l, Hei84b]. **conspiracies**
[Cas93a]. **constant** [BK04, Bro77, DHYY65, Hei45a, Mie80]. **constants**
[BH24a, BH63b, DH65b, Hei24c, OD03]. **Constitution** [Gam30].
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[HW48, Hei72d, Hei73b, CM02, Hei72l, HW84b]. **contemporanee** [Cas14b].
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Contingency [Lev95, Cus94]. **Continual** [MP92]. **continued** [DR92].
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[DKLN92, Isa82, PDL92, Ter82]. **Contracting** [Lan59]. **contraction** [ES95].
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Control [Hei76b]. **controversial** [Eck01]. **Controversy**
[Gou90, Rad83, Rad91]. **conversas** [Hei96c]. **Conversation**
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Cooperation [Sal19, Hei56i, Hei89p]. **coordinates** [KF07]. **Copenhagen**
 [And89, Kra07, Lan08, Lev95, Wal08, Aas00, Aas02c, Ano02b, BJN01,
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 [BCEP94]. **Corporation** [Ano29]. **corpuscles**
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Corrections [Ano93a]. **correctness** [Hei73e, Hei83d]. **Correlation** [Fal64,
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cose [Cap01]. **Cosmic** [EH38, Hei39f, Hei39g, Hei39h, Hei43o, Hei46a, Hei51l,
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 [Hei68d]. **Costandina** [Sei90a]. **could** [Hei67g]. **Council**
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Dangers [Hei81a]. **Danish** [Ano44a, Boh64, BR64, Fav05, Hei35e, Hei64d, Jun57, RRK⁺64]. **Dank** [Hei67g]. **dann** [Büh98a]. **dans** [Dem15]. **darf** [URWB95]. **dargestellt** [Her01]. **Data** [CR84, Hei52n]. **Datenautobahn** [URWB95]. **David** [Ano94, Büh95, CS94, CD94, Gar91, Hei43t, Kea09, Lib68, Mat86b, Phi92, Rec85b, Sta11a, Swe93, Wal08, Bed09, CS94, Dre92, Fer07, For09, Fra94, Gar91, Kra86a, Sap10]. **Davis** [Ano29]. **day** [Hei49e, Hei52d, Sei90a]. **days** [Blo76a, Blo76b, Blo85]. **DC** [Cas11]. **Dean** [Sei90a, Sei90a]. **Dear** [Cas05, Kan03, HHHH11, HHH03]. **death** [Hei68f]. **Debate** [BSMB99, Hei86a, Kra07, Lan08, Lau07, Bro93, DR92, Dör05, GP92b].
Debye [HW11, HW11]. **Debye-Affäre** [HW11]. **Dec** [DDH89d, Hei89m].
Decades [Sei90a]. **Decay** [GR09, HVTK⁺97, Hei43d, Gau14]. **December** [Ano44a, BCEP94, DDH89d, FS93, Hei48a, Hei89m, MP77]. **deception** [Gra00]. **Deceptive** [RMRP09]. **Decision** [Gol92, Sti47]. **Declaration** [BBF⁺57a, BBF⁺57b, Hei57e]. **Declassified** [GP92b]. **decline** [Rin69, Rin90]. **decoherence** [BM11, CL94]. **decoherence-enhanced** [BM11]. **dedicated** [PRW55, Rec02a]. **Deeper** [Sei05]. **defeat** [Ols63]. **defeats** [Smo92a, Smo92d]. **Defect** [Gam30, HEB⁺80]. **Defects** [MGG⁺95]. **Defects/Weiss** [MGG⁺95]. **defined** [MP92]. **Defining** [ARK⁺99, Mla98].
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del [W⁺87, WdC02]. **Delivered** [Wig96a]. **della** [Arg09, Fer99, Hei36a, Hei60e, Hei99, Pol00]. **dell'epistemologia** [Arg09].
dell'indeterminazione [Cav14]. **delusion** [Gra00]. **demand** [Hei64e].
demonstrate [DRB86]. **demonstration** [EMGM94]. **demonstrative** [Mas04]. **Demtröder** [HVTK⁺97]. **Denken** [Hei65a, Pfe77]. **Denkschrift** [Hei49g, Hei53d]. **Denkstrukturen** [Hei70b]. **Denmark** [Sch11c]. **dens** [Hei64d]. **Density** [KBWJ96, CL05, Sny82]. **deny** [Bør12]. **dependent** [BPS74, BP75, CGM⁺71]. **deployment** [Bro92]. **Derivation** [Cop81, LL82, Tya63, KSGB⁺83, Mar08, Cop81, Man11]. **Derivative** [RG72].

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Detectors/Gärtner [SPS⁺64]. **Determinanten** [BMG⁺50].
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[CR12]. **Deutsch** [BSP⁺70, GRE⁺01]. **Deutsch-Englisch** [GRE⁺01].
Deutsch-Englisch/ConceptDraw [GRE⁺01]. **Deutsche**
[Hei36i, Hei53b, HW07, Rec92, Cas93c, Hei48g, Hei50c, Hei56d, SM41, Wal93,
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[Ano84b, Eic50, Eic53, Hei30a, Hei41b, Hei49g, Hei50g, Hei53d, Hei53q,
Hei64b, HB⁺72, Hei86o, NW95, Rec91a, Rec91b, Wit83, Hei50d, Hei68a,
Hei93a, Him90, Hof92, Hof93, Kar05c, Rad83, Rad91, vL47, vL48a].
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[Ano34, Hei93c, Jes98]. **Diffraction** [Hei36b]. **Diffusion**
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[DDH40a, DDH40b, DDH89e, DDH89d]. **Dilute** [Rus64, KSSA78].
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[Fis64, BT78, DMdA06, Isa82, PDL92, Woo77, ZG96]. **Dimensionen**
[Hei22a]. **dimensions** [DPL94, DPL96]. **Dingler** [BMG⁺50]. **Diplomacy**
[Hei76b]. **Dirac**
[Ano33, Ano51, Ben34, Deh36, Haa34, Hei30c, Lak96, Smo93, Wig96a, Wil36b,
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HDW75, HE06, KW87, LW34, Nis32, Smo93, Wig96d, Wig96k]. **Diracschen**
[Hei34b, Hei34a, HE35]. **Direct** [EMGM94, KW02, KW03]. **Director**
[Sei90a]. **Dirichlet** [GV85, GV86]. **disappearance** [GHH02].

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 [LD66]. **Discrete** [Kor05, Zak96, DM99, DL08, Sud06]. **Discussing**
 [Mil12, Fri11]. **Discussion** [Dir28, Hei53i, Hei56l, Hei62d, Hei62e, Hei62c,
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 [Hei28c, HSBA60]. **Discussions**
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 Hei87b, Hei88, Hei96a, Hei01a, Hei06, Meh87, CCJ+34, Hei28c, HSBA60].
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 [CHW91, WC84]. **documentation** [Aas02e]. **Documents**
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 [Hei39c, Hei84j]. **DVD** [Hah10]. **DVT** [DRF90b]. **DVT-Preis** [DRF90a].
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 DMCF06, EHUY92, HP29, HP30, JKS13, PL91, Hei27a].

Dynamics/Audretsch [RFS⁺91]. **Dynamik** [MGG⁺95]. **Dyson** [LD66].

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Geheimdienstakten [Hof92]. **geheime** [Kar05c]. **geheimnisvollen**
 [HVTK+97]. **geheimnisvolles** [Kar05a]. **geht** [Ano84a]. **Geiger**
 [Cas79a, DRF90a, DRF90b, Cas79a]. **Gel'fand** [Tem91]. **Gelehrten** [Hei68f].
Geleit [Hei52r]. **gelingt** [RDP+95]. **Gembillo** [Cir88, Pol00]. **gemeinsam**
 [Hei41b]. **Gemeinschaftsforschung** [Mai07]. **General**
 [Hei58n, Hei84-48, Hei84t, Mor72a, Sei90a, BJJ01, Hei84g, Hei84b, Mil12,
 SF71, ZG96, Hei34c, Hei58a, Hei84d]. **générales** [Hei34c, Hei84b].
Generalisation [Ing70]. **Generalization** [Mes04, San81, Hea77].
Generalizations [DD13, Tri02]. **Generalized**
 [AG88, Fri97, Fri98, LL86, May87, SL70, dIP80]. **Generalizing** [Chi01].
Generation [Hür22, Ano42, Hei52g, Hei56l, TR09, Hei72a]. **generations**
 [Ada72]. **Genesis** [Bel92, Hei70e]. **Genie** [Fis02]. **génies** [VB15]. **Genius**
 [Dje07, Fis02]. **geniuses** [VB15]. **Geodesics** [Ni04a]. **geöffnet** [Hof92].
Geoffrey [CS94]. **geometric** [DM99]. **geometry** [AS03, Ano00]. **geplant**
 [Rec85a]. **geplant/Strahlenbelastung** [Rec85a]. **geplanten**
 [Hei42b, Hei89g]. **Gerald** [Fay07, Par06, Tur06]. **gerettet** [Sim07]. **Gerhard**
 [URWB95]. **Gerlach** [Hei64h, Hei64h]. **German**
 [Ber93, Car99a, Cas93a, Cas05, Cas11, Eis00, Hei41b, Hei50c, Hei50g, HR53,
 Hei53b, Hei53q, Hei64b, Hei89-38, Hol93a, Kar07, Klo96, Lan02, LH93, Lib68,
 Log99, Neu99, Pei93b, Swe93, Wal93, Wal08, Wil94, ABH+55, ABH+87,
 Ano35b, Ano36, Ano42, Ano61a, Ano61b, Ano71, Ano73, Ano76, Ano93a,
 Ano02a, Arr06, AH57, BDJ57, BBH+62, Ber92, Bes04, BS47, Bet93, Bet00,

Bey82, BBB⁺84, BDR84f, BDR84g, BDR84l, BDR84h, BDR84j, BDR84k, BDR84a, BDR84b, BDR85a, BDR84c, BDR84d, BDR85b, BDR86, BDR89a, BDR89b, BDR93, BFH⁺42a, BFH⁺42b, BBF⁺45, BBF⁺57a, BBF⁺57b, B⁺61, BH23a, BH23b, BH24a, BH24b, BJ25, BHJ26, Bor61, BHJ62, Bor63a, Bor63b, BH63b, BH63a, BHJ63, BB69, Bal07, Bro93, Brü64, Büh98a, Büh98b, Bur62, Cap57b, Cas79a, Cas92a, Cas93c, Cas95, Cas02b, Cas17]. **German** [DW52, DF96, DDH40a, DDH40b, DDH41a, DDH41b, Döp42, DDH42a, DDH42c, DDH42b, DDH89e, DDH89d, DDH89a, DDH89c, DDH89b, DDH89f, DDH89g, DRF90b, DHM⁺59, DH61a, DB71, Dür76, Dür05, Dür62, Dür80, Eck12a, Eic50, Eic53, EB82, Ess71, EH38, EH84, Fie80, Fis41, Fis02, FS06, Fis10a, Fis12a, Fis15, FS93, Fra05, Fue61, Ful15, GZ92b, GZ92a, GHH02, GP92a, Got02b, Gou47f, Gou47a, Gou47b, Gou47c, Gou49, Haa34, Hah45, Hah10, HB82a, Har37a, Har37b, Har81, Hei22a, Hei22b, Hei22c, Hei23a, Hei23b, Hei24d, Hei24a, Hei24c, Hei24b, Hei24e, Hei25b, Hei25a, Hei25d, Hei25c, HJ26, Hei26a, Hei26b, Hei26c, Hei26f, Hei26e, Hei26d, Hei27e, Hei27b, Hei27a, Hei27f, Hei27c, Hei27d, Hei28b, Hei28d, Hei28e, Hei29a, Hei29b].

German

[HP29, Hei30a, Hei30f, Hei30h, Hei30g, Hei30d, HP30, Hei30e, Hei31b, Hei31c, Hei31a, Hei31j, Hei31i, Hei31e, Hei31f, Hei31k, Hei31h, Hei31g, Hei31d, Hei31l, Hei32f, Hei32g, Hei32h, Hei32i, Hei32j, Hei32d, Hei32e, Hei33a, HPE⁺33, Hei33c, Hei33b, Hei34b, Hei34a, Hei34e, Hei34d, HSD34a, Hei34i, Hei34f, Hei34g, Hei34h, Hei34j, HvLM⁺35, Hei35b, Hei35a, HE35, Hei35d, Hei35c, Hei35f, Hei36i, Hei36b, Hei36a, HJFS36, HSBR36, Hei36c, Hei36d, Hei36e, Hei36f, Hei36g, Hei36j, Hei36h, Hei37b, Hei37c, Hei37d, Hei37e, Hei37f, Hei38d, Hei38c, Hei38b, Hei38f, Hei38e, Hei38g, Hei38a, Hei38h, Hei38i, Hei39a, HGT⁺39, Hei39b, Hei39d, Hei39f, Hei39e, Hei39j, Hei39i, Hei39h].

German

[Hei40a, Hei41a, Hei41b, Hei41c, Hei41d, Hei41f, Hei41e, Hei42b, Hei42c, Hei42a, HBF⁺42, Hei42d, Hei43t, Hei43e, Hei43g, HSBB43, Hei43m, Hei43j, Hei43f, Hei43h, Hei43i, Hei43k, Hei43l, Hei43o, Hei43b, Hei43p, Hei43n, Hei43d, Hei43c, Hei43a, Hei43r, Hei43s, Hei44a, Hei44b, Hei44c, Hei44d, Hei45a, Hei45b, Hei46d, HF46, Hei46f, Hei46b, Hei46c, Hei46e, Hei47a, HvL47, HKvL47, Hei47e, Hei47b, Hei47f, Hei47j, Hei47k, Hei47l, Hei47c, Hei47i, Hei48a, Hei48e, Hei48d, Hei48b, Hei48c, Hei48g, HvW48, HW48, Hei48n, Hei48k, Hei48l, Hei49a, Hei49b, Hei49c, Hei49d, Hei49f, Hei49e, Hei49g, Hei49h, HW49, Hei49l, Hei50e, Hei50a, HHKG50, Hei50b, Hei50c, Hei50d, Hei50j].

German

[Hei50g, Hei50h, Hei51c, Hei51e, Hei51m, Hei51a, Hei51f, Hei51i, Hei51d, Hei51j, Hei51k, Hei51l, Hei52a, Hei52b, Hei52c, Hei52r, Hei52f, Hei52g, Hei52p, Hei52s, Hei53a, Hei53t, Hei53e, Hei53f, Hei53k, Hei53l, Hei53g, HR53, Hei53b, Hei53c, Hei53o, Hei53y, Hei53h, Hei53q, Hei53s, Hei53u, Hei53x, Hei53v, Hei53w, Hei54c, Hei54b, Hei54e, Hei54f, Hei55a, Hei55c, Hei55b, HKM55, Hei56a, Hei56g, Hei56e, Hei56d, Hei56h, Hei56m, Hei56i, Hei56c, Hei56n, Hei56j, Hei56f, Hei56k, Hei57e, Hei57b, Hei57c, Hei57d, Hei58d, Hei58a,

Hei58k, Hei58l, Hei58m, Hei58e, Hei58g, Hei58h, Hei58i, Hei58t, Hei58f, Hei59b, Hei59a, Hei59d, Hei59e, Hei59g, Hei59h, Hei59i, Hei59k, Hei60b, Hei60c].

German

[Hei60f, Hei60a, Hei60i, Hei60j, Hei61c, Hei61a, Hei61b, Hei61d, Hei61e, Hei61h, Hei61i, Hei62a, Hei62f, Hei62h, Hei62i, Hei62b, Hei62m, Hei63a, Hei63c, Hei63d, Hei63e, HB63, Hei63b, Hei63k, Hei63l, Hei64a, Hei64b, Hei64e, Hei64f, Hei64g, Hei64c, Hei64h, Hei65a, Hei65p, Hei65c, Hei65f, Hei65b, Hei65d, HG65, Hei65j, Hei65m, Hei65e, Hei65o, Hei65q, Hei66b, Hei66a, Hei66c, Hei66f, Hei66g, Hei67a, Hei67d, Hei67f, Hei67e, Hei67c, Hei67g, Hei67h, Hei67i, Hei67b, Hei67p, Hei67n, Hei67o, Hei68a, Hei68b, Hei68d, Hei68c, Hei68f, Hei68j, Hei68k, Hei69b, Hei69a, Hei69k, Hei69e, Hei69f, Hei69g, Hei69l, Hei69o, Hei69d, Hei69m, Hei69n, Hei70b, Hei70a, Hei70f, Hei70c].

German

[Hei70h, Hei70d, Hei71a, Hei71c, Hei71d, Hei71b, Hei71h, HBD71, Hei71l, Hei71m, Hei71n, HB⁺72, Hei72f, Hei72b, Hei72c, Hei72g, Hei72j, Hei72i, HnH72, Hei72k, Hei72l, Hei72m, Hei72e, Hei72n, Hei73a, Hei73f, Hei73e, Hei73g, Hei73c, Hei73i, Hei73j, Hei74c, Hei74d, Hei74q, Hei75f, Hei75e, Hei75m, Hei75r, Hei75q, Hei75p, Hei75t, Hei76e, Hei76g, Hei76h, Hei77e, Hei77c, Hei77h, Hei77i, Hei78, Hei79c, Hei79b, Hei79d, Hei79g, Hei79e, Hei80, Hei81b, Hei81c, Hei82b, Hei82c, Hei83a, Hei83e, Hei84d, Hei84-48, Hei84g, Hei84e, Hei84f, Hei84-63, Hei84n, Hei84l, Hei84k, Hei84o, Hei84p, Hei84r, Hei84-53, HH84, Hei84s, Hei84m, HW84b, HMW⁺84, Hei84w, Hei84-58, Hei84-60, Hei84-59, Hei84-49].

German [HL84, Hei84-47, Hei84-42, Hei84i, Hei84-62, Hei84-41, Hei84-50, HW84a, Hei84-44, Hei84-45, Hei85b, Hei85d, Hei85c, Hei86b, Hei86c, Hei86o, Hei86n, Hei86g, Hei86h, Hei86j, Hei86i, Hei86a, Hei86e, Hei86l, Hei86m, Hei87a, Hei87c, Hei87b, Hei88, Hei89b, Hei89a, Hei89d, Hei89e, Hei89c, Hei89h, Hei89i, HBB⁺89, Hei89f, Hei89g, Hei89-36, Hei89k, Hei89l, Hei89q, HGW⁺89a, Hei89s, Hei89u, HGW89b, HR⁺89, HBF⁺89a, Hei89w, Hei89m, Hei89x, Hei89y, Hei89z, Hei89-28, Hei89-27, Hei89-30, Hei89-32, Hei89-29, Hei89j, Hei89-33, Hei89n, Hei89-34, HBF⁺89b, HBF⁺89c, Hei89-38, Hei89-39, Hei89-37, Hei89-40, Hei90a, Hei90b, Hei91a, Hei93c, Hei93f, Hei93a, Hei96a, Hei00c, Hei01a, Hei01b, Hei02, HR02b, HHH03, Hei03, Hei05b].

German [Hei06, Hei07c, Hei08b, Hei10b, Hei10a, HHvB10, HHHH11, Hei11, Hen00, Hen07, Her76a, Her76c, HvMW79, Her84, Her01, Him90, Hof92, Hof93, HW04, Hof05, HW07, HW11, HW12b, Hol93b, Hor66, Hou30, Hou41, Irv67a, Jac01, Joh13, Jun56, Jun64, Jun72, Jun90, Kan02, Kan03, Kar05a, Kar05c, Kar05b, KHBF43, Kle17, KRW05, KH19, KH47, KH25, Kra87, LH24, LBBH69, Lan72, LL77, LH93, LMOS15, LRD⁺91, Luc82, Lur95, Mai07, Maj33, MPB⁺24, Men36, Mey76, Mor47, NW95, OS03, Ols63, Ost11, Otr79, PHvMW01, PvM93, Paw02a, Paw02b, Paw06, Pei93a, Pfe69, Pfe77, PFH20, Pow93, Pow94, Pow00, Rad83, Rad91, Rec91a, Rec91b, Rec91c, Rec91d, Rec92, Rec96, Rec01, Rec02a, RW02, Rec02b, RKW05, Rec10, Ree19, RH02].

German [Rin61, Rin69, Rin90, Ros98, Rür79, Sal01, San02, Sch01, Sch82, Sch11a, Sch96a, Sch05, Sch07, Sch26, Sch27, Sch30, Sch11b, Sim07, Sim12,

Sim79, Smo93, SH22b, SH22a, Som36, Sta36, Sta37, SM41, Tel30, Tel61, Tel71, Tel93, Wal89a, Wal89b, Wal90, Wal93, Wal95, Wal03, Wal05, Wal07, Wig96g, vWL93, vBL96b, vL47, vL48a, vL48b, vM02, vM05a, vS14, vW35, vW88, vW91, vW02, vWR04, Hay90]. **Germans** [HB⁺72, Klo93, NW95, Pei71]. **Germany** [Cas05, Hei57d, Hei65d, NBH97, Bør12, Bro92, Brü64, Car99b, Cas93b, Gim90, Gla00, Gou46a, Gou46b, Gou47a, Gou48b, Gou48a, GWY05a, GWY05b, Hei39d, Hei40b, Hei46d, Hei47g, Hei47h, Hei51e, Hei53k, Hei53g, HR53, Hei56b, Hei56j, Hei67c, Hei84-35, Hei86a, Hei93a, Irv67a, Irv67b, Joh13, Log96, Mac93, Sch13, Sch07, Wei46, Wei99, WHF⁺96, vW57, Lib68]. **Gershensfeld** [ARK⁺99]. **Gerthsen** [EHR⁺96]. **Gesammelte** [BDR84a, BDR84b, BDR85a, BDR84c, BDR84d, BDR85b, BDR86, BDR89a, BDR89b, BDR93, Kra86a, TW91, BDR84e, Bro85, Bro86, Mat87, Sch91b]. **Gesamtausgabe** [Hei68j]. **Gesamtdeutsche** [DRF90a, DRF90b]. **Geschehen** [Hei61e]. **Geschichte** [AH93, Hei33c, Hei71b, Hei75g, Kar05c, LMOS15, MGG⁺95, Rür79, vBL96a, vBL96b]. **Gesellschaft** [BDR89b, DRF90a, DRF90b, Hei30a, Hei31g, Hei41b, Hei75m, HW07, Mai07, RDP⁺95, Rür79, URWB95, vBL96a, vBL96b, Tel71]. **Gesellschaft/Bergakademie** [DRF90a, DRF90b]. **Gesellschaft/Die** [RDP⁺95]. **Gesichtspunkte** [EH38, EH84, Hei72l]. **Gesprach** [Hei67g, Hei67h, Hei67i, Hei65f]. **Gesprache** [Hei75e, Hei77c, Ess71, Hei69d, Hei72e, Hei73c, Hei81b, Hei81c, Hei83e, Hei84-50, Hei85c, Hei86e, Hei87b, Hei88, Hei96a, Hei01a, Hei06, Sch01, Cas02a, HHvB10]. **Gestalt** [HvW48]. **Gestalten** [SPS⁺64]. **Gestalten/Kromphardt** [SPS⁺64]. **Get** [Ano29, Ano33, Tut05, Kar07]. **Gets** [Ano33, Wit12]. **Getting** [Lan02, Mon09]. **Geizenberga** [Ano77a, Smo92a, Smo92c]. **Gewaltlosigkeit** [Hei69g]. **gewidmet** [Rec02a]. **gewinnung** [Hei89n]. **gewusst** [Got02b]. **Geyer** [EHR⁺96]. **ghost** [Hei56o]. **Giannetto** [Pol00]. **Gierer** [WMG⁺92]. **Gifford** [Cal14, Edd07, Edd12]. **Gift** [MP01]. **Gilmore** [HVTK⁺97]. **Gino** [Wal08]. **Giuseppe** [Pol00, Cir88]. **Given** [Hei75s]. **Giving** [Wei93]. **Glanz** [EHR⁺96]. **glass** [BPP11]. **Gleichgewicht** [Hei89j]. **Gleichungen** [Hei53y]. **Glückwunschsreiben** [Hei86g]. **God** [Bab02, Hei67g, MB11a]. **Gödel** [FW07, Hol18, Mor97]. **Goemans** [LN06]. **Goes** [Ano33]. **Goethe** [Hei41d, Hei52o, Hei67b, Hei74h]. **Goethes** [Hei67b]. **Goethe'sche** [Hei41d]. **Goetzberger** [MGG⁺95]. **Gogh** [Bab02]. **Going** [Sta09a]. **Goldman** [Sei90a]. **Gombás** [Hei50a]. **good** [Hei67e]. **Google** [Dje07]. **Goose** [Ano36]. **Goose-Steps** [Ano36]. **Göppingen** [Hei89b, Hei89b]. **Gordon** [Sei90a, Kra84, Mie80]. **got** [Ols63]. **Gott** [Hei67g]. **Göttingen** [Hei89q, Got83, Hei53l, Hei77e, Hei83c, Hei89f, OS03, OS03]. **Göttinger** [GRE⁺01, Hei89f, Hei89q]. **Gottow** [Hei43e]. **Gottower** [Hei43e, Hei89e, Hei89e]. **Goudsmit** [Hei27b, Lak96, Kae47, LRD⁺91, Rec91d, Wal90, vC16, vCH18]. **GPU** [BPP11]. **Grabe** [Hei86m]. **graded** [GH10, MP92]. **graduations** [HR02b, RW02]. **granite** [Hei77f]. **Grant** [Ano33, Sei90a]. **graphite**

[BBF⁺45, HBB⁺89]. **Grau** [LSK⁺76]. **grave** [Hei86l, Hei86m]. **Gray** [SPS⁺64]. **Great** [Bro97, Cas97, Cre10, Gre10, Hal09, Hei75b, Bre97, Büh98b, Hei65d, Kae48b, KW87, Lig05, Ols63, Pic08, AFG90, Bes04, vW02, vWR04]. **Greatest** [Acz01, Hür22, Kra86b]. **Greek** [Nic90]. **Green** [KA71, LB72, Unr72]. **Green's** [Ni04b]. **Greeting** [Hei73a]. **Greetings** [Hei75r]. **Gregg** [Wal08]. **Gregor** [Hei43h, Hei43h]. **Greif** [Kra87]. **Grenze** [Hei36e]. **Grenzen** [Hei38f, Hei84-48, Hei71l, Hei73g, Hei76g, Hei77h, Hei84-62, Hei89-29]. **Grenzgänger** [Sch05, Sch07]. **Greub** [SPS⁺64]. **Griffin** [Kra86b, Kra87]. **Griffiths** [Yeh70]. **grinding** [Hei22b, Hei84w]. **Grönblom** [Hei43f]. **Grönbloms** [Hei43f]. **Gross** [HW84b]. **Großbeschleunigern** [Hei72l]. **Grosse** [ARK⁺99, Hei72a, vRFS⁺00, Rec01, Bes04, Erm89, vW02, vWR04]. **Größen** [Hei43j, Hei65d, URWB95]. **Größen“** [Hei43m, Hei44a]. **großer** [vRFS⁺00]. **Großforschung** [MGG⁺95]. **Großversuche** [Hei44c]. **Großversuche** [Hei89-33, HW84b, HW48]. **Ground** [BT78, Bra97, Bec02, Wre75]. **Ground-State** [Bra97]. **Group** [Far01, FMV07, He04, HP93, Kor05, Ni04a, Ni04b, Pau93, Wan01, BM93, BK88, CZ81, CGST91, Dun86, ES95, Flo97, GBLW86, GV85, GV86, Gel84, Gre80, KS92, LN06, Low97, RRK⁺64, Sud06, Tor91, WB03, Hei28b, Hei31b, Ras78, Hei27b]. **Group-theoretic** [Ras78]. **Groups** [EHR⁺96, Wey31b, Wey50, DDI03, JZ11, KSSA78, Pac88, Scu75]. **Groups/Schmidt** [EHR⁺96]. **Groups/Schmidt-Rohr** [EHR⁺96]. **Groves** [Sei90a, Erm89, Gol95]. **Grummt** [RFS⁺91]. **Grünbaum** [CL83]. **Grund** [Ano35b, Deh36, Haa34]. **Grundfragen** [Hei58g]. **Grundkurs** [MGG⁺95]. **Grundlag** [Hei35e]. **Grundlage** [GRE⁺01]. **Grundlagen** [Ano35a, Ben35, Clu37, Deh37, DS43, Hei34i, Hei34f, Hei34g, Hei34h, Hei35f, Hei36h, Hei42d, Hei43s, Hei44d, Hei45b, Hei47i, Hei49l, Hei59i, Hei73j, Hei89n, KED⁺60, Mos42, Som36, Str62a, Str62c, Wil36a]. **Grundlagenforschung** [Hei56n]. **Grundlegende** [Hei59b]. **Grundphänomene** [Hei39b]. **Grundprinzipien** [Hei27f]. **Grundprobleme** [Hei49e]. **Gründung** [Hei30a, RDP⁺95]. **Gruppentheorie** [Hei28b, Hei31b, Wey31a]. **Grußwort** [Hei75r]. **Gu** [HVTK⁺97]. **guests** [GP92c]. **Guide** [Rod19, Sei90a]. **Guido** [Sta11a]. **Gun** [Dah22]. **Gustav** [Cas79a]. **Gutachten** [Cas03, Hei01b, HR02b, RW02, Hei02]. **Gutachten-** [Cas03, Hei01b, HR02b, RW02]. **guter** [Hei67e]. **Gymnasium** [Hei89b, Hei89b].

H [Adl03, Ano94, Bro85, Bro86, Fra94, Jac11a, Jac11b, Kra86a, Mat87, Sch91b, TW91, Wit83, JZ11]. **H-type** [JZ11]. **H.** [Hof11]. **H.-P** [Bro85, Bro86, Kra86a, Mat87, Sch91b, TW91]. **Haas** [Deh36, HEB⁺80]. **Habilitationen** [Cas03, Hei01b, HR02b, RW02]. **Habilitations** [HR02b, RW02]. **Hafemeister** [Sei90a]. **Hahn** [GRE⁺01, Hei54e, Hei68f, Hei69f, MGG⁺95, Sim07, Wal03, vS14, BMP87, BM94, Hei54e, Hei68e, Hei68f, Hei69f, OS03, She83a, She83b, Sim07, Sim12, Wal03, Wal06, vS14].

Hahn-Meitner-Instituts [MGG⁺95]. **Hahn-Meitner-Instituts/Fölsing** [MGG⁺95]. **Haigerloch** [Fec90, FTF01, GORS09, Mac85]. **Halbleiter** [WMG⁺92]. **Halbleiterbauelemente** [OSWR86]. **Halbleiterbauelemente/Stitch** [OSWR86]. **Halbleitermarkt** [RDP⁺95]. **Halbleitermarkt/Röntgenspiegel** [RDP⁺95]. **halbtechnischen** [Hei42b, Hei89g]. **half** [GV86]. **half-space** [GV86]. **Halfway** [Bar07]. **Hall** [BC95, BL08, FS93, Hah45, Hei64b, Hof92, Hof93, Mar94, OS03, Wal93, BDJ57, Ber92, Ber93, Ber96, Cas17, Cas22, Dah22, FS93, Fra93b, Fra93c, Fra93a, GP92c, Hah45, Hof92, Hof93, Hof22, Hol22, Klo93, Luc07, Rec91a, Rec91b, Wal93]. **Hall-Protokolle** [Wal93]. **Halle** [HH14, Wit83]. **halting** [Lap91]. **Hamiltonian** [Fri98, CA76, Fal64, Fri97, Gid71, KBWJ96, TR09]. **Hamiltonians** [KSGB⁺83, SMMM87]. **Handbook** [OSWR86, SPS⁺64]. **Handbook/Brandt** [SPS⁺64]. **handing** [Hei89b]. **handing-over** [Hei89b]. **handling** [Döp42]. **Hane** [Sei90a]. **Hanle** [Hei25a]. **Hans** [Cas79a, Hei75q, BR64, Cas79a, Hei75q]. **Happer** [BSP⁺70]. **Happy** [Rec10]. **Harald** [Mil12, RS11a]. **hard** [JD06]. **hard-core** [JD06]. **hardback** [Hen11, Sta11b]. **Hardbound** [Wat01]. **Hardy** [Adl03]. **hare** [Hei39c, Hei84j]. **Harish** [LJ08]. **Harish-Chandra** [LJ08]. **Harmonic** [BSP⁺70, GV86, New35, BDH88, CGM⁺71, Dun86, Lun84]. **harmonics** [Gel84, Gre80]. **Harmonie** [Hei67h, Hei67i]. **Harmony** [Hei67h, Hei67i]. **Harnack** [Hei31g]. **Harnack-Haus** [Hei31g]. **Harper** [Ano68, Bun71]. **Harriet** [CS94]. **Harteck** [Erm89]. **Harvard** [Par06, Tur06]. **harvest** [Bra09]. **Haus** [Hei31g, RDP⁺95, URWB95]. **Havlin** [MGG⁺95]. **Hawking** [Pic08]. **Hayes** [Bor53]. **hbk** [Lan02]. **Head** [Mon09]. **headed** [Gou47a]. **Health** [KED⁺60]. **Heat** [Ni04b, Hei24c, KH47]. **Heavy** [Bør12, Dah99, Hei52n, DDH40b, DDH89e, Hei38a, Hei84i, Wat01]. **Hedwig** [Bro72, BB69, BB05]. **Heelan** [Bab02, HH75]. **Heelans** [Hei75h]. **Heft** [FS93]. **hegemony** [Cus94, Lev95]. **Heidegger** [Sei90b]. **Heidelberg** [Büh95, Eis00, Hen86, Hen11, Kra86a, Rec03]. **Heimendahl** [SPS⁺64]. **Heinrich** [URWB95, BHN98, Hen98]. **Heinrich-Hertz-Institut** [URWB95]. **Heirs** [Tau94]. **Heisenberg** [Adl03, Ano35a, Ano35b, Ano51, Ano84a, Ano06, Ano08, ARK⁺99, Bar04, Bed09, Ben30, Ben34, Ben35, Bes04, BMG⁺50, BCL⁺69, BDR84a, BDR84b, BDR85a, BDR84c, BDR84d, BDR85b, BDR86, BDR89a, BDR89b, BDR93, B⁺61, Bor58, Bor72, Bor53, Bro72, Bro85, Bro86, Bro95, BSP⁺70, Büh95, Büh98a, Bun71, BW04, Car97, Cas75, Cas74, Cas93c, Cas95, Cas03, Cas05, Cir88, CL94, Clu37, Dah02a, DPL96, Deh36, Deh37, DS43, DRF90a, DRF90b, Dür05, Eck12a, Eck12b, EHR⁺96, Eic50, Eis00, Fay07, Fel54, Fer07, Fis02, Fis10b, Fis12b, Fis15, For09, Fri98, Fue61, Full15, GZ92b, GZ92a, GRE⁺01, Got02b, Got04, Gou76, Haa34, HEB⁺80, Hah06, Hah10, Han62, HVTK⁺97, Hen86, Hen11, Her76a, Her76c, HMSH78, HvMW79, Her84, Her01, Hof11, Hor66, Huf71, Jac01]. **Heisenberg** [Jac03, Jac11a, Jac11b, Joh59, Jor71, Kan03, Kle17, KW93, KRW05, KED⁺60, Kra86a, Kra96, Kra07, LW34, Lak96, Lic16, LSK⁺76, Lud01, Mac78b, Mac58, Mar73, MGG⁺95, Mat86b, Mat86a, Mat87, May87, Mil12, Mil58, Mos42,

MP77, Mot85, OSWR86, OS03, Otr79, Par06, Pau31, PHvMW01, PvM93, Paw02a, Paw06, Pol00, Pye81, Rec81b, Rec85a, Rec85b, Rec86, RFS⁺91, Rec91a, Rec91b, Rec92, Rec96, Rec01, RW02, Rec02b, Rec03, RKW05, Rec09, Rec10, Rob82, RDP⁺95, RDM⁺12a, SZ74, Sap10, Sch82, Sch05, Sch07, Sch59, Sch02a, Sch26, Sch30, Sch00b, Sch91b, Sei90a, Som36, Sta11a, SCH⁺78, Str62b, Str62c, SPS⁺64, Tel93, Tre78, Tur06, URWB95, Wal92, WMG⁺92, Wei85, Wig67, Wil36a, Wil36b, Wit83, vMHW85, vM93, vM96]. **Heisenberg** [vM99, vM01, vM05b, vRFS⁺00, vS14, Aas00, Aas02a, Aas02b, Aas02d, Aas02c, Aas02e, Abd97, Aga02, AMS04, Alt06, AS03, Ano29, Ano33, Ano34, Ano35b, Ano44b, Ano54, Ano61b, Ano68, Ano71, Ano73, Ano75, Ano76, Ano77a, Ano77b, Ano83a, Ano98, Ano99, Ano02a, Ano04a, Ano05, Ano11, Ano12, Ano20, Anox, Arg09, AG88, AFW94, AP22, BT78, BC09, Bac52, BT96, BG96, BKBS93, BM93, BK88, Bec02, BDH88, BK04, Bel85, Bel92, BMP87, Bt87, BPP11, Ber95, Ber02, BL03, Ber04, Bes98, Bes04, Bil03, BHX96, Bla86, Ble90, Blo76a, Blo76b, Blo85, BDR84c, BDR84d, BDR84e, BDR85b, BDR86, BDR89b, BRL06, BJLR17, Boh62, Bok04, Bok06, Bok10, BB96, B⁺61, Bor70, Bor49, Bal07, Bra97, BM94, BM11]. **Heisenberg** [Bre23, Bre97, Bri65b, Bro93, Bro02a, Bro02b, Bro71, Bro73b, Bro77, BM84, BM86, BR87, BR96a, BN08, Böh98a, Bun77, BW04, Cam05, Cam06, Cam07a, Cam07b, Cam09, Cap57a, Cap57b, CL05, CBS20, Cap01, CK95, Car76, CS94, Car99b, Car02a, Car02b, Car03, Car10, Cas76, Cas78, Cas79b, CR84, CB84, Cas92a, Cas92b, Cas92c, Cas93c, Cas95, Cas01, Cas02c, Cas02d, Cas09, Cas11, Cas14a, Cas15, CDvW77, Cav14, CZ81, CGST91, Ces18, Cha92, CM02, CK02a, CK02b, CRR93, Cle09, CA76, Cle06, Cop81, Cor79, Cor71, CP84, Cre10, CG14, Cul05, Cus86, D'A03, Dah02b, DMdA06, DKLN92, DPL94, DM99, DLW08, DC87, DDI03, DMCF06, DeG74, DJR93, Del13, DC48, DGH⁺12, DGS99, DL08, Dir28, Dir64, Dir76, Dör05, DD13, DRB86]. **Heisenberg** [Dun86, DB71, Dür76, D⁺92, Dür05, Dur00, Dys51a, Dys51b, DLS76, Ech96, Eck33, Eck90, Eck92, Eck01, Eic50, El 00, EMGM94, ES95, Eng09, Enz83, Erm89, Ess71, EHUY92, FO94, FO99, Fal64, Fav05, Fed04, Fed18, FR04, FR08, FR13a, Fer99, Fin96, Fis02, Fis15, Fis64, FT94, Flo97, Foo94, Fra94, Fra10, Fri97, Fri13, Fri11, Fue61, Ful15, FMV07, GBLW86, GbK77, Gar91, GV85, GV86, Gel84, GH10, Gem87, GA02, GZ92b, GZ92a, GLSC01, Got02a, Got02b, Gou90, Gou47c, Gre62, Gre63, GKZL96, Gre80, GS12, GWW⁺09, HN55, Haa34, Hah10, Hah11, Hak02, HR02a, Han79, Har73, He04, Hea77, Hea11, Hee75, Hei54a, Hei72a, Hei35g, Hei36i, Hei36e, Hei47f, Hei48m, Hei51k, Hei56c, Hei65f, Hei67h, Hei67i, Hei70j, HBD71]. **Heisenberg** [Hei72m, Hei74e, Hei75n, HDW75, Hei79c, Hei80, Hei83a, Hei84a, Hei89t, Hei91a, Hei01b, Hei02, HR02b, Hei04, Hei05b, Hei08a, Hen93, Hen98, Hen00, Hen10, Her69, Her76a, Her76b, Her76c, HvMW79, Her84, Her01, HBB⁺07, HN99, HK00, Hof02, Hol84, Hol00b, Hol05, HS81, HS83, Hor66, HS70, Ing70, Ing32, Isa82, IM95, Jac01, Jad14, Jam76, JD06, Jau93, Jau29, Jes98, JLP⁺02, JZ11, JKS13, JTD⁺98, Kan02, Kar05b, KBWJ96, KF02, Kas11, KW02, KW03, Kat96, KI64, KSSA78, Kem85, KKM⁺09, Kle54, Kle78, KLV80,

KSGB⁺⁸³, KS92, Kle17, KRW05, Koo89, Kor05, Kra95, Kra93, KJ06, KF07, KA71, KGNS10, KPS⁺⁹⁵, Kva76, Lac02a, Lac02b, LM87, Lan59, Lan72, Lan02, Lan08, Lap90, Lap91, LB72, LL77, LN06, LBS⁺⁰⁴]. **Heisenberg** [LL86, LM29, LTG⁺¹², Lin07, Lin08, LFK99, LL82, LH01, LJ08, LWZ10, Loc07, Loe63, LRD⁺⁹¹, LS93a, LS93b, Log99, LD66, Los61, Low97, Luc82, Lud01, Lun84, Lus10, sMDN⁺¹¹, Maa05, Mac78a, Mac77, Mac86, Mac87, MP92, Man11, Man91, Mar08, Mas04, Mas14, MC97, MC92, Meh87, Mes04, Mey76, Mie80, Mie81, ML71, Mil85, MMSV98, Mon09, MB11b, Moo93a, Moo93b, Mor71, Mor72a, Mor72b, Mor72c, Mor97, NAZ02, NKD⁺¹¹, Nar93, Neu99, Ni04a, Ni04b, Nis32, OD03, O'F92, OS07, OS03, Ome75, Ome79, Ore98, Ost11, Otr79, Oza02, Oza03, Pac88, PC14, Pan02, PLS02, Pau34, PHvMW01, Pvm93, Paw02a, Paw02b, Paw06, Pei71, Pei92a, Pei92b, Pei93a, Per88, Per64, Pfe77, Phi92, Plo10, Pol95, PL91, PDL92, Pow76, Pow93, Pow94, Pow00].

Heisenberg

[Pow02, PSZM02, Pug80, Raz11, Rec81a, Rec84, Rec91a, Rec91b, Rec91c, Rec91d, Rec92, Rec93, Rec96, Rec01, RW02, Rec02b, RKW05, Rec10, RH02, Rhe91, Rig87, Rob69, Rob80, Roh85, RS94, RW92, Ros98, Ros60, Ros79, Rot93, Roy78, RDM^{+12b}, Rud58, Rus64, SZ73, SHI73, Sal01, SMMM87, San02, San81, Sch01, Sch82, Sch11a, Sch05, Sch07, SAR⁺⁰⁹, Sch02b, Sch99, Sch00a, Sch26, Sch66, Sch15, Sch22, Scu75, Sei90b, SK73, Ser77, Set11, Shi02, Shi78, Shi83, Shi86, Sil13, ST65, SK09, Sla72, Smo93, Smo92a, Smo92b, Smo92c, Smo92d, Sno49, Sny82, Sor02, Spi98, Squ67, SL70, Sta11b, Str62a, Sud06, SF71, Swe93, Tan04, Tau94, TW91, Tel76, Tel93, Tem91, Ter82, Tho80, Tiw14, TR09, Tor91].

Heisenberg [Tre01, Tri02, TBL02, Tut05, Tya63, Unr72, VBN95a, VBN95b, Van41, VZ09, VL97, Vya99, Wag81, Wal90, Wal20, Wal22, Wal83, Wan98, Wan01, War90, Wei98, Wei93, Wel92, WF19, WB03, Wig76, Wil84, Wil99, Wis98, Wit12, Wol14, Wre75, Wüt16, Yaf00, Yam02a, Yam02b, Yam02c, Yan13b, Yeh70, Zak96, Zan02a, Zan02b, Zel87, ZG96, Žup65, d'E92, dB58, dB82, dB90, dG14, dR99, dSL02, dLP80, vD15, vBN95c, vBW88, vM02, vM05a, vS14, vWvdW77, vW02, vWR04, Ano94, CD94, Dre92, Gar91, Gre10, Lau07, Mat86a, Mot85, Paw08, Roh85, Wei85, Ber93, Bro97, Car99a, Cas91, Cas93a, Cas97, Cas02a, Hol93a, Lal15, LH93, Pei93b, RS11b, Swe93, Wil94].

Heisenberg- [Pug80]. **Heisenberg-brev** [Sch15]. **Heisenberg-Limited** [LBS⁺⁰⁴, BM11, HBB⁺⁰⁷]. **Heisenberg-Limits** [Sch11a].

Heisenberg-Mikroskop [URWB95]. **Heisenberg-Programm** [Ano84a, Ano84b, Ano83a].

Heisenberg-Programm/1-Megabit-Speicherchip [Ano84a].

Heisenberg-type [HR02a]. **Heisenberg/Braun** [LSK⁺⁷⁶].

Heisenberg/Die [Eic50]. **Heisenberg/DVT** [DRF90a, DRF90b].

Heisenberg/DVT-Preis [DRF90a]. **Heisenberg/Schrödinger**

[Fri98, Fri97]. **Heisenberg/Strobl** [HVTK⁺⁹⁷]. **Heisenberg/The** [Eic50].

Heisenberg/Werner [WMG⁺⁹²]. **Heisenberg/Zee** [vRFS⁺⁰⁰].

Heisenbergs [Hei79c, Paw02b, vM02, Kar05b, vM05a]. **Heisenberg'schen** [Lan72, Sch30]. **Heitjans** [ARK⁺⁹⁹]. **Heitler** [Hei62c]. **Held**

[Meh73, CDvW75, CDvW79, CCJ⁺34, GZ95, Hei31g, Hei43p, Hei52p, Hei53l, HMW⁺84, NBH97]. **Helgoland** [Rov20, Rov21]. **helium** [BH23a, BH63a, Hei24a]. **Heliumatom** [BH23a, BH63a]. **Heliums**“ [Hei24a]. **Heller** [Jun56, Jun64, Jun72, Jun90]. **Helmut** [Cas05, Eck12a, Eck12b, Hen11]. **Helmuth** [PFH20, PFH20]. **help** [Hei41f, Hei89-36, Hei89x]. **Heman** [Hei89s, Hei89s]. **hemmungslosen** [Hei74c]. **Henri** [Adl03]. **Henry** [Sei90a]. **Hentschel** [Wal08]. **Heraeus** [DRF90a, DRF90b]. **Herausgegeben** [Eis00]. **Herbert** [Sim79, Sim79]. **Herbig** [Cas05]. **Herder** [RFS⁺91]. **Here** [Ano29, Bro97, Cas97, Bre97]. **heretics** [DT18]. **Herewith** [Ols63]. **Heritage** [PFH20]. **Hermann** [HEB⁺80, Hei28b, Hei31b, LSK⁺76, Mac78b, Pye81, Rec86, SCH⁺78, Hei28b, Hei31b, Tre78]. **Hermeneutic** [Bab02]. **hermeneutics** [Hee95]. **Hermite** [Per88]. **Herneck** [Hei72a]. **Hero** [Tho97]. **Herold** [EHR⁺96]. **Herrmann** [EHR⁺96]. **Herrn** [HVTK⁺97, Hei31f, HGW⁺89a]. **Hertz** [Cas79a, URWB95, BHN98, Cas79a, Hen98]. **hervorgerufenen** [Hei32h]. **Herzberg** [URWB95]. **Herzberg/EU** [URWB95]. **herzlichen** [Rec02a]. **Hess** [Ano51]. **Heuristic** [dR99]. **heuristics** [BJLR17]. **heutige** [Hei65b]. **Heutigen** [Bor58, Hei53t, Hei53c, Hei53u, Hei55b, Hei56f, Hei57c, Hei58e, Hei59a, Hei60a, Hei62b, Hei63b, HG65, Hei66a, Hei68c, Hei70c, Hei72j, Hei72i, HnH72, Hei74d, Hei76e, Hei79d]. **Hewitt** [BSP⁺70]. **Hexeneinmaleins** [vM02]. **Hidden** [Mac85, ZG96, BC09]. **hierarchies** [LTG⁺12]. **Hierarchy** [HK00]. **High** [Cus86, DGH⁺12, Hei84-28, BSP⁺70, Hei36d, Hei37b, Hei38c, Hei38b, Hei55e, Hei56l, Hei83g]. **High-Energy** [Cus86, Hei36d, Hei37b]. **Higher** [RG72, GWW⁺09, LH24, GbK77]. **Higher-Derivative** [RG72]. **highly** [Hei84l]. **hike** [Wei98]. **Hilbert** [Hei56m, Hei43t, Hei56m, Hei56o, Hei58w, Hei84-36, WB03]. **Hilbert-Raums** [Hei56m]. **Hildegard** [Hei53b]. **Hilfe** [Hei41f, Hei89-36, Hei89k, Hei89x]. **Hillel** [UM92]. **Hinterterpe** [Fis10a, Fis12a]. **Hinweis** [RDP⁺95]. **Hinweise** [URWB95]. **Hiroshima** [Sei90a]. **Hirsch** [Cas05, Kan03]. **Hirsch-Heisenberg** [Cas05, Kan03]. **Hirzel** [Ano35a, Ben30, Ben34, Ben35, Clu37, Deh37, DS43, Mos42, Str62b, Str62c, Wil36a, Wil36b]. **histogram** [dSL02]. **histoire** [Kar07, Lur95, VB15]. **historia** [Kar06]. **Historian** [Cas22]. **Historical** [Bru80, Cas00, Cas11, Hak02, Jam74b, Kra07, Lan08, Lau07, Lev95, SS16, Ano99, Cus94, Dör05, Hei29b, Mar08, Mil90]. **Histories** [Pei97]. **historische** [Hei29b]. **Historischen** [AH93]. **History** [Ber93, Ber03, Dur00, Hei75j, Hol93a, Jun58, Kar05c, Kra86a, Kra07, Lan08, LH93, LMOS15, Lib68, Mac85, Mat86b, Nic90, Pei93b, Pop16, Ros00, Rür79, Sch00a, Sei90a, Sim10, Swe93, UM92, WP85, Wil94, Wüt16, Ano02b, CHW91, Cas93a, Cas17, ET07, GHW09, Hei33c, Hei73d, Hei75l, Irv67a, Jun82, Kar07, KHFA67, Lud01, Lur95, PFH20, Pow93, Pow94, Pow00, VB15, WC84, vBL96b, Hei71b, Sei90a]. **Hit** [Ano04b]. **Hitherto** [O’F92]. **Hitler** [Bey82, Cas02a, Hof02, Jor78, Kra87, Sch01, Bal13, Bal14, Ber96, Bey77, Bey82, Bro92, Cor03, Hol93b, Kar05c, KW05, Kar07, Luc16, MP01, Sch01, Wei46, Wei99, vC16, vCH18, Pop16]. **Hitlera** [Kar06]. **Hitlers**

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O [BBF⁺45, Cav14, DDH41a, DDH42a, DDH89a, DDH89c, DDH89f, Hei43f, HBB⁺89, Bro95, Hei96c, BBF⁺45, DDH41a, DDH42a, DDH42c, DDH89a, DDH89c, DDH89f, Gei77a, Gei77b, Hei42b, HBB⁺89, Hei89g]. **O-38-metal** [DDH42c, DDH89c]. **O-38-Metallschichtensystem** [DDH89c]. **Obituary** [Tel76, Wig76, HKvL47, Hei47e, Hei51c, Hei60f, Hei71h]. **Object** [Hei76b, KH19, JU82]. **Objectivity** [Car03]. **objects** [MSUU80]. **Objekten** [GRE⁺01]. **Observability** [Lac02a, Lac02b, Wol14]. **Observable** [Hei43j, Hei62k, Hei44a, Hei43m]. **Observations** [Ber01, Yeh70]. **Obsession** [Mil10]. **Obtain** [Ano34]. **Obtaining** [CA76, Har73, LB72]. **obtenir** [Kar07]. **occasion** [Hei58k, Hei69b, Hei89b, Hei89a, PRW55, Sch82]. **occupation** [Ano44a]. **Occupied** [Sch11c]. **occurring** [Hei38h]. **October** [CCJ⁺34, DDH89f, Far01, Hei35d, HBF⁺89a, IEE06]. **octobre** [CCJ⁺34]. **O'Dell** [BSP⁺70]. **off** [D'A03]. **öffentlichen** [Hei51d, Hei53h]. **Öffentlichkeit** [DRF90b, DRF90a]. **Office** [Kra86a, Kra07, Lan08, Sei90a]. **official** [Hei89b]. **offiziellen** [Hei89b]. **Oguchi** [LD66]. **ohne** [Hei57b]. **Okt** [DDH89f, HBF⁺89a]. **Oktober** [Hei35d]. **old** [Hei38g, Hei49a, Hei61a]. **Olson** [HEB⁺80]. **oltre** [Hei84-54, Hei00a, Hei08c]. **om** [Ano44a]. **Omnès** [EHR⁺96]. **once** [Ols63, Hei64c]. **once-great** [Ols63]. **onde** [dB58]. **ondulatoire** [dB82]. **One** [AK15, Fis64, Kae31, Sta09a, BT78, DMdA06, Fri97, Fri98, Hol93b, Isa82, PDL92, ZG96]. **One-Dimensional** [Fis64, BT78, DMdA06, Isa82, PDL92, ZG96]. **ones** [SK09]. **Online** [CF98]. **ont** [VB15]. **op** [vC16]. **Open** [Bok04, Büh98a, CL05, Hof92, Oor09]. **Opening** [Hei75s, Sch00b, SM41, Gei58]. **Operacija** [DF96]. **Operation** [FS93, Hof92, d'E92, DF96, Fra93b, Fra93c, Fra93a, Hof92, Hof93, NW95, Fra93a]. **Operator** [Sch99, Bes98, Fri97, Fri98, OS07, Sny82]. **Operators** [Kor05, CZ81, Dys51a, Dys51b, KF07]. **ÖPG** [Ano84b]. **Opinion** [Gol92, Hei10b, Hei65m, Hei89-32]. **Opinions** [BDR89b]. **Oppenheimer** [Ano34, Hol84]. **Opposition** [Hei47a, Loc07, Sch11b]. **Optical** [Ano04a, ARK⁺99, BSP⁺70, CR12, JTD⁺98, RFS⁺91, BH24a, BH63b, Hei24c]. **Optics** [Aga02, KED⁺60, PSZM02]. **Optics/Mandl** [KED⁺60]. **Optik** [BMG⁺50, DRF90a, DRF90b, vRFS⁺00]. **optische** [BH24a, BH63b, Hei24c]. **Optoelektronische** [OSWR86]. **Oracles** [Sei90a]. **orbits** [BH63a]. **Order** [Cap01, EHR⁺96, Gou90, Mer38, DRB86, GWW⁺09, LTG⁺12, BDR84c, Cap57b, Hei84-58, Hei89z]. **Order/Kafka** [EHR⁺96]. **Ordnung**

[BDR84c, Hei84-58, Hei89z]. **Organisation** [BDR89b, HR53, Hei54b]. **Organization** [BDR89b, Hei54b, HR53]. **Origin** [ARK⁺99, BR96b, Hei77g, Hei49k, Hei75f, Rad83, Rad91]. **Original** [Ano34, BDR84a, BDR89a, BDR93, Bro86, Mat87, Paw06]. **Originalarbeiten** [BDR84a, Bro86, BDR89a, BDR93, Mat87]. **Originaltonaufnahmen** [Paw06]. **Origins** [Meh87]. **Orthner** [Hei39b]. **orthogonal** [DLW08, VZ09]. **orthosymplectic** [BDH88]. **Oscillator** [New35, BDH88, CGM⁺71, SAR⁺09]. **oscillators** [Car71, Tru75]. **osnovnye** [Gei58]. **Ostmark** [Hei41b]. **Otázky** [Hei69i]. **Other** [Hen00, Hei89o, Hol86, MGG⁺95]. **Otkrytie** [Gei58]. **Otto** [GRE⁺01, Hei69f, Sim07, Hei54e, Hei68e, Hei68f, Hei69f, She83a, She83b, Sim07, Sim12, Wal03, Wal06]. **Our** [Gou48a, Hei43o, Hei61e, Hei65b, Hei69k, Hei69l]. **outlook** [Hei52j]. **ovation** [Hei74g]. **over-relaxation** [BPP11]. **Overview** [Cas02c, Cas02d, Hak02, Hei84d, Hei53t, Wal08]. **oxides** [Man91].

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Philosophie [Ano06, BMG⁺50, Hei59e, HH14, KED⁺60, LSK⁺76, SCH⁺78, Str62b, BD92, Hei58t, Hei59d, Hei65j, Hei72k, Hei78, Hei79g, Hei84-60, Hei87c, Hei90a, Hei90b, Hei00c, Hei03, Hei07c, Hei10a, Hei11, Hor66, Bar04]. **Philosophie/Bonhoeffer** [BMG⁺50]. **Philosophie/Frisch** [KED⁺60]. **philosophische** [DB71, Hei59k, HBD71, Hei70h, Hei84-59]. **philosophischen** [Hei58g, Hei58h, Hei58i]. **Philosophy** [Alt06, Bab02, Bru80, Cam05, CL83, CW85, CF98, Gei90, Han62, Hei58t, Hei11, Jam74b, Lac02b, Mac58, Nic90, Ros60, Rud58, SS16, Shi83, Shi86, UM92, Wüt16, dR99, Ano66, Ano68, BD92, Cas75, ET07, Gei70b, GHW09, Hei37e, Hei52e, Hei58s, Hei59d, Hei59c, Hei59e, Hei62l, Hei65j, Hei72k, Hei78, Hei79g, Hei82a, Hei84-60, Hei87c, Hei89-35, Hei90a, Hei90b, Hei96c, Hei97, Hei00c, Hei00b, Hei03, Hei07c, Hei07b, Hei10a, Hor66, Lac02a, Pai91, Boh62]. **Philosophers** [Acz01]. **Philpott** [HVTK⁺97]. **Photobiology** [Ore98]. **Photoeffekt** [EHR⁺96]. **Photoeffekt/Kleint** [EHR⁺96]. **Photographic** [Hei30a]. **photographische** [Hei30a]. **Photon** [Eps71, SME77]. **Photonemission** [URWB95]. **Photonemission/Schnellere** [URWB95]. **Photonik** [URWB95]. **photos** [HHHH11]. **Photovoltaik** [MGG⁺95]. **Photovoltaik/Lindner** [MGG⁺95]. **Phys** [BMG⁺50, Fri98, Got04, May87, RDM⁺12a, Sch02a]. **Phys.** [DPL96]. **Physical** [Cal14, CS94, CH84, Edd28, Edd78, Edd07, Edd12, Edd13, Hal09, Har60, Hei30i, HW04, Hof05, HW07, HW12b, LSK⁺76, Ome75, Oza03, Pop16, DB71, Edd00, Hei30d, HPE⁺33, Hei33c, Hei41b, Hei43i, Hei50f, Hei58f, HBD71, Hei84-49, Hei08b, Mil90, Cas79a, Hei41b, Hei57a, Hei72l]. **Physicist** [Ano29, BHN98, Bok10, Cho02, Fra10, GZ92b, Han62, Hei60g, Hei65l, Joh59, Sch59, Sta11b, Ano20, Ber91, Cam09, GZ92a, Gre05, Hei58r, Hei70i, Hof92, KW87, Meh73, Otr79, Rec02a, Sal01, vL47, vL48a, Mey76, Ber91, CS94]. **Physicists** [Ano33, BBF⁺57a, Bro97, Cas97, Dür62, Dür80, Hür22, KH19, PS69, Sal19, TEW02, Wal08, vW02, vWR04, Ada72, Bes04, Bey82, Bre97, Cli65, Dür06, Hen07, Him90, HW12b, Wal93, W⁺87, WdC02, vS14, HW07]. **Physics** [Acz01, And89, Ano68, ARK⁺99, Bar07, Bed09, BB36, BDH70, Ble90, BDR84i, BDR85a, BDR89b, BBSR69, Bør12, BH83a, BH83b, BM86, BSP⁺70, CL83, Cor71, Cus86, DGH⁺12, Dir76, Fli32, Gei68, Gil09, Gla00, Gou46b, Gou47a, HVTK⁺97, Hei32c, HSD34a, Hei41a, Hei43g, Hei53l, Hei53m, Hei53n, Hei54b, Hei56c, Hei58d, Hei58s, Hei58v, Hei59c, HBSA61, Hei62l, Hei65f, Hei69h, Hei70a, Hei70e, Hei71i, Hei71j, Hei74l, Hei75a, Hei76d, Hei82a, Hei84h, Hei84-54, Hei89i, Hei93a, Hei95, Hei96b, Hei00a, Hei00b, Hei07b, Hei08c, Hen96, HH11, Hol84, Jor78, Kle17, KED⁺60, LSK⁺76, Meh73, Mil85, Mla98, Pag82, Pan02, RFS⁺91, Ros60, Sap10, Sch86, Sei90b, She83a, She83b, Sta11a, SM41, SPS⁺64, TEW02, Wal89b, Wal92, Wat01]. **Physics** [vRFS⁺00, Ball14, BJN01, BDH⁺89, Bey77, BDR86, B⁺61, Bor49, BB05, Bra09, BH82, Büh98b, BW04, Cas09, Con62, ET07, Fer99, FF91, Ful15, Gam85, Gei67, GHW09, Haw11, Hei31h, Hei31d, Hei32d, Hei35b, Hei36i, Hei36f, Hei37e, Hei38e, Hei39b, Hei39d, Hei40b, Hei41d, Hei43k, Hei49e, Hei51f, Hei52a, Hei52d, Hei52e, Hei52l, Hei52o, Hei53e, Hei53c, Hei53o, Hei55b, Hei56i,

Hei56n, Hei56f, Hei56p, Hei57c, Hei58c, Hei58o, Hei58p, Hei58e, Hei58h, Hei58i,
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 Hei69d, Hei70c, Hei71a, HnH72, Hei72e, Hei73e, Hei73c, Hei74f, Hei74d, Hei74j].
physics [Hei75i, Hei75k, Hei76e, Hei77d, Hei79d, Hei79f, Hei81b, Hei81c,
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physics/Bigelow [HVTK+97]. **Physics/Churchman** [KED+60].
Physics/Fraser [vRFS+00]. **Physics/Grosse** [ARK+99]. **Physics/Hüfner**
 [RFS+91]. **Physics/Kaiser** [BSP+70]. **Physics/Klatt** [BSP+70].
Physics/Marion [LSK+76]. **Physics/Peacock** [ARK+99].
Physics/Schroeder [vRFS+00]. **Physics/Sharman** [SPS+64]. **Physik**
 [Ano51, Ano06, BMG+50, BDR85a, BDR84c, BDR84d, BDR85b, BDR89b,
 B+61, Büh98b, DRF90a, DRF90b, EHR+96, GRE+01, HEB+80, HVTK+97,
 Hei35b, Hei36i, Hei39b, Hei41a, Hei43g, Hei43n, Hei47b, HW49, Hei53e,
 Hei53l, Hei56c, Hei59b, Hei62a, Hei62j, Hei71b, Hei84-53, Hei89i, Hei10a,
 HH14, KED+60, MGG+95, RFS+91, Rec96, Rec02b, SM41, SCH+78, Str62b,
 SPS+64, Tre78, vRFS+00, Fie80, Hei31h, Hei31d, Hei32d, Hei36f, Hei37e,
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 Hei59a, Hei59d, Hei59e, Hei60a, Hei60i, Hei62b, Hei63b, Hei65f, HG65, Hei65j,
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 Hei11, Kle17, Men36, Rec81b, Rec92, Sch07, Sch11b, Wal05, Wal07].
Physik-affären [Sch11b]. **Physik-Lehrbuch** [HEB+80]. **Physik/Brüche**
 [SPS+64]. **Physik/Greub** [SPS+64]. **Physik/Hermann** [SCH+78].
Physik/Kassel [EHR+96]. **Physik/Kudo** [RFS+91].
Physik/Vilenkin/Shellard [MGG+95]. **Physikalische**
 [BSP+70, Cas79a, DB71, HW07, HBD71, Hei84-49, Hei41b, Hei72l].
Physikalischen [Ano84a, DRF90a, DRF90b, RDP+95, Ben30, Hei30d,
 HPE+33, Hei33c, Hei41b, Hei43i, Hei58f, Hei08b, Pau31]. **physikalisches**
 [HVTK+97]. **Physikdaten** [SCH+78]. **Physikdaten/Behrens** [SCH+78].
Physikdaten/Sexl [SCH+78]. **Physiker**
 [Bes04, Bey82, Dür62, Dür80, GZ92b, GZ92a, Him90, Rec02a, URWB95,
 vRFS+00, vS14, vW02, vWR04, HW07, Mey76, vL47, vL48a].
Physikerstreit [Sal01]. **Physikertagung** [SPS+64]. **Physik**“ [Hei43k].
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Wandlungen [Ano35a, Ben35, Clu37, Deh37, KED⁺60, Mos42, Som36, Str62c, Wil36a, DS43, Hei34i, Hei34f, Hei34g, Hei34h, Hei35f, Hei36h, Hei43s, Hei44d, Hei45b, Hei47i, Hei49l, Hei59i, Hei73j, Str62a]. **want** [Büh98a]. **War** [Ber93, Cas17, FTF01, Gou46b, Gou49, Hei81a, Hol93a, Jon78, KH19, Kra86b, LH93, Pei93b, Sim12, Swe93, Tho97, Wil94, Boh64, Boh67, Bro93, Cas93a, Cor03, Hei56b, Hei64c, Hei89-40, Mai07, Pow93, Pow94, Pow00, vL47, Sal19, Sim07, Tut05]. **war-relevant** [Mai07]. **Wardenburg** [Tho97].
Warfare [Fer92]. **Wärme** [KH47]. **warn** [ABH⁺55, ABH⁺87]. **warnen** [ABH⁺55, ABH⁺87]. **Wartime** [Dah99, GWY05a, GWY05b, Sch22, Wat01, vL48a, vL48b, SW05, Sch15].
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worldview [Hei58p]. **Worte** [Hei86l, Hei86m]. **Wörterbuch**

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[Cas22]. **Writings** [Kra86a, BDR85a, BDR85b, BDR86, CB84, Cas01, W⁺87, WdC02, Rec85b, Mat86b]. **Wrong** [Mil12, RS11a, Fri11]. **Wunner**

[EHR⁺96]. **Wünschen** [Rec02a]. **wußte** [Brü64].

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Haensel:1980:BFK

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Heisenberg:1922:NLD

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Heisenberg:1922:QLA

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Heisenberg:1924:KUG

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Heisenberg:1925:AKF

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Heisenberg:1926:SQG

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Heisenberg:1926:QKM

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Heisenberg:1927:BMB

- [Hei27a] Werner Heisenberg. Besprechung: Max Born. *Probleme der Atomdynamik*. (German) [Book review: Max Born. *Problems of Atomic Dynamics*]. *Fysisk Tidsskrift*, 25(??):96–97, ??? 1927.

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Heisenberg:1927:MRQ

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Heisenberg:1927:QMG

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Heisenberg:1927:AIQ

- [Hei27e] Werner Heisenberg. Über den anschaulichen Inhalt der quantentheoretischen Kinematik und Mechanik. (German) [On the ideological content of quantum theoretical kinematics and mechanics]. *Zeitschrift für Physik*, 43(3–4):172–198, March 1927. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01397280>; <http://www.springerlink.com/content/t8173612621026q5/>. English translation in [WZ83, pages 62–84]. This is the paper in which Heisenberg introduces the famous Uncertainty Principle (Unschärferelation or Ungenauigkeit (impreciseness)).

Heisenberg:1927:GGQ

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Heisenberg:1928:BBG

- [Hei28a] Werner Heisenberg. Besprechung: Birthwistle, G., *The new Quantum Mechanics. Naturwissenschaften*, 16(??):318, ??? 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Heisenberg:1928:BHW

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Heisenberg:1928:QFG

- [Hei28d] Werner Heisenberg. Zur Quantentheorie des Ferromagnetismus. (German) [On the quantum theory of ferromagnetism]. In P. Debye, editor, *Probleme der modernen Physik: Arnold Sommerfeld zum 60. Geburtstage gewidmet von seinen Schülern. (German) [Problems of modern physics: Arnold Sommerfeld's 60th Birthday, dedicated by his pupils]*, pages 114–122. S. Hirzel, Leipzig, Germany, 1928. LCCN ????

Heisenberg:1928:TFG

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Heisenberg:1930:BGE

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Heisenberg:1930:BBP

- [Hei30b] Werner Heisenberg. Besprechung: *The principles of Quantum mechanics*. Von P. A. M. Dirac. *Metallwirtschaft*, 9(??):988, ??? 1930.

Heisenberg:1930:BPM

- [Hei30c] Werner Heisenberg. Buchbesprechung: P. A. M. Dirac *The Principles of Quantum Mechanics*. *Metallwirtschaft*, 9(??):988–??, ??? 1930.

Heisenberg:1930:PPQa

- [Hei30d] Werner Heisenberg. *Die physikalischen Prinzipien der Quantentheorie*. (German) [*The physical principles of quantum mechanics*]. Hirzel, Leipzig, Germany, 1930. viii + 115 pp. LCCN ???

Heisenberg:1930:SEG

- [Hei30e] Werner Heisenberg. Die Selbstenergie des Elektrons. (German) [The self-energy of the electron]. *Zeitschrift für Physik*, 65(1-2):4–13, November 1930. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01397404>; <http://www.springerlink.com/content/t61j113n618m2j11/>.

Heisenberg:1930:FTF

- [Hei30f] Werner Heisenberg. Fortschritte in der Theorie des Ferromagnetismus. (German) [Advances in the theory of ferromagnetism]. *Metallwirtschaft*, 9(??):843–844, ??? 1930.

Heisenberg:1930:KQGb

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Heisenberg:1930:KQGa

- [Hei30h] Werner Heisenberg. Kausalität und Quantenmechanik. (German) [Causality and quantum mechanics]. *Naturwissenschaften*, 18(??): 1068–??, ??? 1930. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Heisenberg:1930:PPQb

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Heisenberg:1931:BSG

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Heisenberg:1931:BHW

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Heisenberg:1931:BLB

- [Hei31c] Werner Heisenberg. Besprechung: Leon Brillouin, *Les Statistiques Quantiques et leurs applications*. (German) [Book review: Leon Brillouin, *Quantum statistics and their applications*]. *Physikalische Zeitschrift*, 32(??):150–151, ??? 1931. CODEN PHZTAO. ISSN 0369-982X.

Heisenberg:1931:RUM

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Heisenberg:1931:KQG

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Heisenberg:1931:NAH

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Heisenberg:1931:PRA

- [Hei31g] Werner Heisenberg. Positivismus und reale Außenwelt. Von M. Planck. Vortrag, gehalten am 12. November 1930 im Harnack-Haus der Kaiser Wilhelm-Gesellschaft zur Förderung der Wissenschaften. 35 Seiten. Akademische Verlagsgesellschaft, Leipzig 1931. (German) [Positivism and the real world outside. On Max Planck. Lecture, held on 12 November 1930 at the Harnack House the Kaiser Wilhelm Society for the F romoting the Sciences. 35 pages. academic Verlagsgesellschaft, Leipzig, 1931]. *Angewandte Chemie*, 44(10):189, March 1931. CODEN ANCEAD. ISSN 1521-3757. URL <http://onlinelibrary.wiley.com/doi/10.1002/ange.19310441010/abstract>.

Heisenberg:1931:PMP

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Heisenberg:1931:ISR

- [Hei31i] Werner Heisenberg. Über die inkohärente Streuung von Röntgenstrahlen. (German) [On the incoherent diffusion of X-rays]. *Physikalische Zeitschrift*, 32(19):737–740, October 1, 1931. CODEN PHZTAO. ISSN 0369-982X.

Heisenberg:1931:EES

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Heisenberg:1931:PAG

- [Hei31k] Werner Heisenberg. Zum Paulischen Ausschließungsprinzip. (German) [On Pauli's Exclusion Principle]. *Annalen der Physik (1900)*, 402(7):888–904, 1931. ISSN 1521-3889. URL <http://onlinelibrary.wiley.com/doi/10.1002/andp.19314020710/abstract>.

Heisenberg:1931:TMM

- [Hei31l] Werner Heisenberg. Zur Theorie der Magnetostriktion und der Magnetisierungskurve. (German) [On the theory of magnetostriction and magnetization curve]. *Zeitschrift für Physik*, 69(5–6):287–297, May 1931. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01391350>; <http://www.springerlink.com/content/t88384n177787623/>.

Heisenberg:1932:BRB

- [Hei32a] Werner Heisenberg. Book review: Bateman, *Partial Differential Equation of Mathematical Physics*. *Physikalische Zeitschrift*, 33(??):454, ??? 1932. CODEN PHZTAO. ISSN 0369-982X.

Heisenberg:1932:CDS

- [Hei32b] Werner Heisenberg. Contribution to discussion on the structure of simple molecules. In ????, editor, *Chemistry at the Centenary (1931) Meeting of the British Association for the Advancement of Science*, pages 247–248. W. Heifer & Sons, Cambridge, UK, 1932. LCCN ????

Heisenberg:1932:NPP

- [Hei32c] Werner Heisenberg. The Nobel Prize in Physics 1932. Nobelprize.org, 1932. URL http://www.nobelprize.org/nobel_prizes/physics/laureates/1932/. The Nobel Prize in Physics 1932 was awarded to Werner Heisenberg “for the creation of quantum mechanics, the application of which has, inter alia, led to the discovery of the allotropic forms of hydrogen”.

Heisenberg:1932:PMP

- [Hei32d] Werner Heisenberg. Probleme der modernen Physik. (German) [Problems of modern physics]. *Deutsche Optische Wochenschrift*, 18(2):27–28, ??? 1932. Reprint of [Hei31h].

Heisenberg:1932:TUH

- [Hei32e] Werner Heisenberg. Theoretische Überlegungen zur Höhenstrahlung. (German) [Theoretical considerations of cosmic radiation]. *Annalen der Physik (1900)*, 405(4):430–452, 1932. ISSN 1521-3889. URL <http://onlinelibrary.wiley.com/doi/10.1002/andp.19324050404/abstract>.

Heisenberg:1932:BAG

- [Hei32f] Werner Heisenberg. Über den Bau der Atomkerne. I. (German) [On the structure of the nucleus. I]. *Zeitschrift für Physik*, 77(1–2):1–11, January 1932. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01342433>; <http://www.springerlink.com/content/gt251k5258372318/>. See also partial English translation [Hei65g].

Heisenberg:1932:BAI

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Heisenberg:1932:DUH

- [Hei32h] Werner Heisenberg. Über die durch Ultrastrahlung hervorgerufenen Zertrümmerungsprozesse. (German) [On the cause of fragmentation processes from cosmic rays]. *Naturwissenschaften*, 20(21):365–366, 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL <http://www.springerlink.com/content/j3134692417w4647>.

Heisenberg:1932:KGNa

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Heisenberg:1932:KGNb

- [Hei32j] Werner Heisenberg. Über Kernmechanik. (German) [On nuclear mechanics]. *Physikalische Blätter*, 18(??):557–558, 1932. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722

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Heisenberg:1933:BAI

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Heisenberg:1936:DSE

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Heisenberg:1937:DSE

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Heisenberg:1939:AHS

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Heisenberg:1939:MTE

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Heisenberg:1942:TGE

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Heisenberg:1943:TES

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Heisenberg:1943:SDT

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Heisenberg:1943:RZM

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Heisenberg:1943:AGV

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Heisenberg:1943:BMP

- [Hei43i] Werner Heisenberg. Besprechung: Max Planck: *Wege zur physikalischen Erkenntnis*. Bd. II. (German) [Book review: Max Planck, *Paths to physical knowledge*]. *Leipziger Neueste Nachrichten, Ausg. A*, ??(??):??, June 25, 1943.

Heisenberg:1943:BG Tb

- [Hei43j] Werner Heisenberg. Die “beobachtbaren Größen” in der Theorie der Elementarteilchen. II. (German) [“Observable variables” in the theory of elementary particles. II]. *Zeitschrift für Physik*, 120(11–12):673–702, November 1943. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01336936>; <http://www.springerlink.com/content/r744562625813k35/>.

Heisenberg:1943:BMT

- [Hei43k] Werner Heisenberg. Die Bewertung der „modernen theoretischen Physik“. (German) [The evaluation of “modern theoretical physics”]. *Zeitschrift für die gesamte Naturwissenschaft*, 9(?): 201–212, October 1943. According to [Ros98, pages 269–270] and [Wal89b, page 74], this article was written three years earlier, in 1940, but was delayed until Heisenberg had received Heinrich Himmler’s letter of protection. It is Heisenberg’s response to the “deutsche Physik” campaign to suppress Jews in science, and Jewish contributions to physics. See also [Cas09, page 338] for more about this article.

Heisenberg:1943:EAG

- [Hei43l] Werner Heisenberg. Die Energiegewinnung aus der Atomkernspaltung. (German) [The energy production from nuclear fission]. Kernphysikalische Forschungsberichte G-217, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, May 6, 1943. 6 pp.

Heisenberg:1943:BGTa

- [Hei43m] Werner Heisenberg. Die „beobachtbaren Größen“ in der Theorie der Elementarteilchen. (German) [‘Observable quantities’ in the theory of elementary particles]. *Zeitschrift für Physik*, 120(7–10):513–538, July 1943. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01329800>; <http://www.springerlink.com/content/jm3516j05614784j/>. English translation in [Hei62k]. Reprinted in [BDR84a, pages 611–636].

Heisenberg:1943:PAG

- [Hei43n] Werner Heisenberg. *Die Physik der Atomkerne*. (German) [*Physics of the atomic nucleus*]. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1943. 180 pp. LCCN ????

Heisenberg:1943:EUI

- [Hei43o] Werner Heisenberg. Einleitung. 1. Übersicht über den jetzigen Stand unserer Kenntnisse von der kosmischen Strahlung. (German) [Introduction. 1. Present state of our knowledge of cosmic radiation]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem*. (German) [*Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem*] [Hei43p], pages 1–10. LCCN ????. Lectures in honor of Arnold

Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:KSV

- [Hei43p] Werner Heisenberg, editor. *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1943. vi + 173 pp. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:MP

- [Hei43q] Werner Heisenberg. [Max Planck]. *Völkischer Beobachter*, ??(?): ??, March 1943. Incompletely cited in [Cas09, page 339, 450].

Heisenberg:1943:VGF

- [Hei43r] Werner Heisenberg. Vorwort. (German) [Foreword]. In *Kosmische Strahlung: Vorträge gehalten im Max Planck-Institut, Berlin-Dahlem. (German) [Cosmic radiation: Lectures held in the Max Planck Institute, Berlin-Dahlem]* [Hei43p], pages v–vi. LCCN ????. Lectures in honor of Arnold Sommerfeld. With contributions by Erich Bagge, Fritz Bopp, Siegfried Flügge, Werner Heisenberg, A. Klemm, J. Meixner, G. Molière, H. Volz, Carl Friedrich von Weizsäcker, and Karl Wirtz. English translation in [Hei46a].

Heisenberg:1943:WGN

- [Hei43s] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1943. 93 pp. LCCN ????

Heisenberg:1943:ADH

- [Hei43t] Werner Heisenberg. Zum Andenken an David Hilbert. (German) [In memory of David Hilbert]. *Physikalische Zeitschrift*, 44(?): 277–278, ??? 1943. CODEN PHZTAO. ISSN 0369-982X.

Heisenberg:1944:BGT

- [Hei44a] Werner Heisenberg. Die „beobachtbaren Größen“ in der Theorie der Elementarteilchen. III. (German) [The “observable vari-

ables” in the theory of elementary particles. III]. *Zeitschrift für Physik*, 123(1–2):93–112, March 1944. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01375146>; <http://www.springerlink.com/content/t33g3p1272652730/>. Part IV was not published in a journal, but was finally printed in [BDR89a, pages 687–698].

Heisenberg:1944:MLS

- [Hei44b] Werner Heisenberg. Max von Laue. Zu seinem 65. Geburtstag. (German) [Max von Laue. On his 65th birthday]. *Deutsche Allgemeine Zeitung (Reichsausgabe)*, 273(??):2, October 6, 1944.

Heisenberg:1944:TAD

- [Hei44c] Werner Heisenberg. Theoretische Auswertung der Dahlemer Großversuche. (German) [Theoretical evaluation of the Dahlem large scale experiments]. Report G-220, Uranverein, Kaiser Wilhelm Institut für Physik in Berlin-Dahlem, Berlin, Germany, September 1944. 7 pp.

Heisenberg:1944:WGN

- [Hei44d] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1944. 95 pp. LCCN ????

Heisenberg:1945:PWG

- [Hei45a] Werner Heisenberg. *Das Plancksche Wirkungsquantum. (German) [Planck's constant]*. Walter de Gruyter, New York, NY, USA and Berlin, Germany, 1945. 19 pp. LCCN ????

Heisenberg:1945:WGN

- [Hei45b] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1945. 95 pp. LCCN ????

Heisenberg:1946:CRL

- [Hei46a] Werner Heisenberg, editor. *Cosmic Radiation. 15 Lectures*. Dover, New York, NY, USA, 1946. 192 pp. LCCN ????. English translation by T. H. Johnson of [Hei43p], in commemoration of the 75th birthday of Arnold Sommerfeld.

Heisenberg:1946:MRQ

- [Hei46b] Werner Heisenberg. Der mathematische Rahmen der Quantentheorie der Wellenfelder. (German) [The mathematical framework of the quantum theory of wave fields]. *Zeitschrift für Naturforschung*, 1:608–622, 1946. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1946:UQG

- [Hei46c] Werner Heisenberg. Der unanschauliche Quantensprung. (German) [The nonintuitive quantum leap]. *Neue Physikalische Blätter*, 2(??):4–6, ??? 1946.

Heisenberg:1946:ATA

- [Hei46d] Werner Heisenberg. Über die Arbeiten zur Technischen Ausnutzung der Atomkernenergie in Deutschland. (German) [On the work toward the technical use of atomic energy in Germany]. *Naturwissenschaften*, 33(11):325–329, ??? 1946. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL <http://www.springerlink.com/content/j0m0u5j553402765>. English translation in [Hei47g].

Heisenberg:1946:WMV

- [Hei46e] Werner Heisenberg. Wissenschaft als Mittel zur Verständigung unter den Völkern. (German) [Science as a way of understanding among peoples]. *Deutsche Beiträge*, 1(??):164–174, ??? 1946. English translation in [Hei52m].

Heisenberg:1946:ESG

- [Hei46f] Werner Heisenberg. Zur Elektronentheorie der Supraleitung. (German) [On the electron theory of superconductivity]. *Neue Physikalische Blätter*, 2(??):220, ??? 1946.

Heisenberg:1947:APO

- [Hei47a] Werner Heisenberg. Die aktive und die passive Opposition im Dritten Reich. (German) [Active and passive opposition in the Third Reich]. Unpublished paper in Heisenberg Archives in Munich, cited in [Cas09, page 220, 437]., November 12, 1947.

Heisenberg:1947:PAG

- [Hei47b] Werner Heisenberg. *Die Physik der Atomkerne*. (German) [Physics of the atomic nucleus]. Friedrich Vieweg und Sohn,

Braunschweig, Germany, 1947. vi + 180 pp. LCCN ???? Elaborated by W. Westphal and Dr. Jorges. The third edition is reproduced in the Collected Works.

Heisenberg:1947:UEK

- [Hei47c] Werner Heisenberg. Die Übertragung elektromagnetischer Kräfte im Supraleiter. (German) [The transfer of electromagnetic forces in the superconductor]. *Nachrichten der Akademie der Wissenschaften in Göttingen, Math.-Phys. Klasse*, ??(??):23–26, ???? 1947.

Heisenberg:1947:MP

- [Hei47d] Werner Heisenberg. Max Planck. *Göttinger Universitäts-Zeitung*, 2(10):6, ???? 1947.

Heisenberg:1947:MPN

- [Hei47e] Werner Heisenberg. Max Planck [Nachruf]. (German) [Max Planck [obituary]]. *Göttinger Universitäts-Zeitung*, 2(21):1–2, ???? 1947.

Heisenberg:1947:QWV

- [Hei47f] Werner Heisenberg. *Quantentheorie der Wellenfelder: Vorlesung von Prof. Heisenberg, Winter 1946/47. (German) [Quantum theory of wave fields: lecture of Prof. Heisenberg, Winter 1946/47]*. Max-Planck-Institut für Physik, Göttingen, West Germany, 1947. ???? pp. LCCN ???? Elaborated by K. Wildermuth.

Heisenberg:1947:RGTa

- [Hei47g] Werner Heisenberg. Research in Germany on the technical application of atomic energy. *Nature*, 160(4059):211–215, August 16, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v160/n4059/pdf/160211a0.pdf>. Abridged translation of German original [Hei46d]. See also [Hei53m, Hei53n], and response [Gou47c].

Heisenberg:1947:RG Tb

- [Hei47h] Werner Heisenberg. Research in Germany on the technical application of atomic energy. *Chemical and Engineering News*, 1947 (25):2620–2621, September 15, 1947. CODEN CENEAR. ISSN 0009-2347 (print), 1520-605X (electronic). URL <http://pubs.acs.org/doi/pdf/10.1021/cen-v025n037.p2620>.

Heisenberg:1947:WGN

- [Hei47i] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]*. Hirzel, Leipzig, Germany, 1947. 98 pp. LCCN ????

Heisenberg:1947:TSGa

- [Hei47j] Werner Heisenberg. Zur Theorie der Supraleitung. (German) [On the theory of superconductivity]. *Zeitschrift für Naturforschung*, 2a(4):185–201, ????. 1947. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1947:TSGb

- [Hei47k] Werner Heisenberg. Zur Theorie der Supraleitung. (German) [On the theory of superconductivity]. *Forsch. Fortschr.*, 21–23(??):243–244, ????. 1947.

Heisenberg:1947:TSGc

- [Hei47l] Werner Heisenberg. Zur Theorie der Supraleitung. (German) [On the theory of superconductivity]. *Angewandte Chemie*, 59(2):59, February 1947. CODEN ANCEAD. ISSN 0044-8249 (print), 1521-3757 (electronic).

Heisenberg:1948:ASD

- [Hei48a] Werner Heisenberg. Arnold Sommerfeld zum 5. Dezember 1948. (German) [Arnold Sommerfeld to 5th December 1948]. *Zeitschrift für Naturforschung*, 3a(??):429, ????. 1948. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1948:BTG

- [Hei48b] Werner Heisenberg. Bemerkungen zum Turbulenzproblem. (German) [Remarks on the turbulence problem]. *Zeitschrift für Naturforschung*, 3a(??):434–437, ????. 1948. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1948:EVS

- [Hei48c] Werner Heisenberg. Das elektrodynamische Verhalten der Supraleiter. (German) [The electrodynamic behavior of superconductors]. *Zeitschrift für Naturforschung*, 3a(??):65–75, ????. 1948. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1948:BGA

- [Hei48d] Werner Heisenberg. Der Begriff „Abgeschlossene Theorie“ in der modernen Naturwissenschaft. (German) [The notion of a “closed

theory” in modern science]. *Dialectica: International Review of Philosophy of Knowledge*, 2(3–4):331–336, November 1948. CODEN ????? ISSN 0012-2017 (print), 1746-8361 (electronic). English translation in [Hei74i].

Heisenberg:1948:BAT

[Hei48e] Werner Heisenberg. Der Begriff „Abgeschlossene Theorie“ in der modernen Naturwissenschaft. (German) [The notion of a “closed theory” in modern science]. *Dialectica: International Review of Philosophy of Knowledge*, 2(3–4):331–336, November 1948. CODEN ????? ISSN 0012-2017 (print), 1746-8361 (electronic). English translation in [Hei74i].

Heisenberg:1948:SN

[Hei48f] Werner Heisenberg. Die Sorge um die Naturwissenschaft. *Göttinger Universitäts-Zeitung*, 3(??):7, January 16, 1948.

Heisenberg:1948:GND

[Hei48g] Werner Heisenberg. Es gab niemals eine deutsche Atombombe. (German) [There never was a German atomic bomb]. *Schwäbische Donauzeitung*, ??(??):3, August 2, 1948.

Heisenberg:1948:LBV

[Hei48h] Werner Heisenberg. [Letter to B. L. van der Waerden]. Cassidy [Cas09, page 314] writes of this letter “Heisenberg himself seems to suggest another purpose for his visit [to Niels Bohr in Copenhagen] ... Heisenberg implied that he was attempting to stave off an Allied crash program on nuclear fission research.”, April 28, 1948.

Heisenberg:1948:NSI

[Hei48i] Werner Heisenberg. Nazis spumed idea of an atomic bomb (interview). *New York Times*, ??(??):10, December 28, 1948. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095.

Heisenberg:1948:TSI

[Hei48j] Werner Heisenberg. On the theory of statistical and isotropic turbulence. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 195:402–406, 1948. CODEN PRLAAZ. ISSN 0080-4630.

Heisenberg:1948:TBP

[Hei48k] Werner Heisenberg. Thermodynamische Betrachtungen zum Problem der Supraleitung. (German) [Thermodynamical consid-

erations in the problem of superconductivity]. *Annalen der Physik (1900)*, 438(1):289–296, 1948. ISSN 1521-3889.

Heisenberg:1948:WWW

- [Hei48l] Werner Heisenberg. Wer weiß, was wichtig wird. Die Notwendigkeit wissenschaftlicher Forschung. (German) [Who knows what is important? The need for scientific research]. *Die Welt*, 143(??):3, December 9, 1948.

Heisenberg:1948:WHA

- [Hei48m] Werner Heisenberg. Werner Heisenberg (autobiographical note). In ????, editor, *Der Geist weht wo er will. Kalender für das Jahr 1949*. Zero-Verlag, Ulm, West Germany, 1948. 10. Woche [10th week].

Heisenberg:1948:STT

- [Hei48n] Werner Heisenberg. Zur statistischen Theorie der Turbulenz. (German) [On the statistical theory of turbulence]. *Zeitschrift für Physik*, 124(7–12):628–657, July 1948. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01668899>; <http://www.springerlink.com/content/p225013t42156018/>. English translation in [Hei58q].

Heisenberg:1949:AEJ

- [Hei49a] Werner Heisenberg. Albert Einstein 70 Jahre alt. (German) [Albert Einstein 70 years old]. *Welt am Sonntag*, 11(??):5, March 13, 1949.

Heisenberg:1949:ALM

- [Hei49b] Werner Heisenberg. Die Auswirkungen des Lebenswerkes Max Plancks. (German) [The impact of the life work of Max Planck]. *Angewandte Chemie*, 61(4):115–117, 1949. CODEN ANCEAD. ISSN 0044-8249 (print), 1521-3757 (electronic).

Heisenberg:1949:EFG

- [Hei49c] Werner Heisenberg. Die Einheit der Forschung. (German) [The unity of research]. *Deutsche Zeitung und Wirtschaftszeitung*, 103(??):4, December 24, 1949. Reprinted in [Hei53f].

Heisenberg:1949:EMVb

- [Hei49d] Werner Heisenberg. Die Erzeugung von Mesonen in Vielfachprozessen. (German) [The production of mesons in multiple pro-

cesses]. *Il Nuovo Cimento* (9), 6 (supplement)(?):493–497, 503–508, ??? 1949. CODEN NUCIAD. ISSN 0029-6341 (print), 1827-6121 (electronic).

Heisenberg:1949:GGA

[Hei49e] Werner Heisenberg. Die gegenwertigen Grundprobleme der Atomphysik. (German) [Fundamental problems of present-day atomic physics]. In *Wandlungen in den Grundlagen der Naturwissenschaft. (German) [Changes in the fundamentals of natural science]* [Hei49l], pages 89–101. LCCN ???

Heisenberg:1949:GAR

[Hei49f] Werner Heisenberg. German atom research: Appraisal of progress said to await release of reports. *New York Times*, ??(?): 8E, January 30, 1949. CODEN NYTIAO. ISSN 0362-4331 (print), 1542-667X, 1553-8095. URL <http://search.proquest.com/hnpnewyorktimes/docview/105774675/>. Section 4.

Heisenberg:1949:MFF

[Hei49g] Werner Heisenberg. Mehr Fursorge fur die Forschung. Eine Denkschrift des Deutschen Forschungsrates. (German) [More care for research. A memorandum by the German Research Council]. *Deutsche Zeitung und Wirtschaftszeitung*, 75(?):5–10, September 17, 1949. Reprinted in [Hei53d].

Heisenberg:1949:NHB

[Hei49h] Werner Heisenberg. Naturwissenschaft und humanistische Bildung. (German) [Science and education in the humanities]. In H. Scharold, editor, *100 Jahre Maximilians-Gymnasium, em Beitrag zur Geschichte des Gymnasiums in Bayern. (German) [Centennial of the Maximilians-Gymnasium, a contribution to the history of Bavarian high schools]*, pages 153–164. ???, Munich, West Germany, 1949. LCCN ???

Heisenberg:1949:PMS

[Hei49i] Werner Heisenberg. Production of meson showers. *Nature*, 164 (4158):65–66, July 9, 1949. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL <http://www.nature.com/nature/journal/v164/n4158/pdf/164065c0.pdf>.

Heisenberg:1949:TL

[Hei49j] Werner Heisenberg. *Two Lectures*. Cambridge University Press, Cambridge, UK, 1949. 52 pp. LCCN ???

Heisenberg:1949:EMVa

- [Hei49k] Werner Heisenberg. Über die Entstehung von Mesonen in Vielfachprozessen. (German) [On the origin of mesons in multiple processes]. *Zeitschrift für Physik*, 126(6):569–582, July 1949. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL <http://link.springer.com/article/10.1007/BF01330108>; <http://www.springerlink.com/content/u861415312633617/>.

Heisenberg:1949:WGN

- [Hei49l] Werner Heisenberg. *Wandlungen in den Grundlagen der Naturwissenschaft*. (German) [Changes in the fundamentals of natural science]. Hirzel, Leipzig, East Germany, 1949. 112 pp. LCCN ????

Heisenberg:1950:BBL

- [Hei50a] Werner Heisenberg. Besprechung: *Theorie und Lösungsmethoden des Mehrteilchen problems der Wellenmechanik*, von P. Gombás. (German) [Book review: *Theory and solution methods of many-particle problems of wave mechanics*]. *Umschau*, 50(??):550, ????, 1950.

Heisenberg:1950:BWK

- [Hei50b] Werner Heisenberg. Besprechung: Wilhelm Kamlah: *Der Mensch in der Profanität*. (German) [Book review: Wilhelm Kamlah: *Man in profanity*]. *Naturwissenschaften*, 37(??):311, ????, 1950. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Heisenberg:1950:DFI

- [Hei50c] Werner Heisenberg. Der deutsche Forschungsrat (Interview). (German) [The German Research Council (interview)]. *Physikalische Blätter*, 6(4):170–172, April 1950. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL <http://onlinelibrary.wiley.com/doi/10.1002/phbl.19500060405/abstract>.

Heisenberg:1950:DWG

- [Hei50d] Werner Heisenberg. Die Not der deutschen Wissenschaft. (German) [The plight of German science]. *Die Tat*, 230(??):30, August 15, 1950.

Heisenberg:1950:AUI

- [Hei50e] Werner Heisenberg. Für die Atombombe unzuständig (Interview). (German) [Jurisdiction for the atomic bomb [????] (interview)]. *Die Welt*, 28(??):2, February 2, 1950.

Heisenberg:1950:PPQ

- [Hei50f] Werner Heisenberg. *The physical principles of the quantum theory*. Dover, New York, NY, USA, 1950. ISBN 0-486-60113-7. 183 pp. LCCN QC174.1 .H4 1950. Translated into English by Carl Eckart and Frank C. Hoyt.

Heisenberg:1950:SPD

- [Hei50g] Werner Heisenberg. Schlußwort des Präsidenten des Deutschen Forschungsrates. (German) [Closing remarks by the President of the German Research Council]. In ????, editor, *Vom Geist der Deutschen Wissenschaft. Ansprachen und Vorträge. (German) [The Spirit of German Science. Speeches and Lectures]*, pages 45–47. Franz Steiner Verlag, Wiesbaden, West Germany, 1950. Reprinted in [Hei53q].

Heisenberg:1950:SZR

- [Hei50h] Werner Heisenberg. Stationäre Zustände in der relativistischen Quantentheorie der Wellenfelder. (German) [Stationary states in the relativistic quantum theory of wave fields]. *Zeitschrift für Naturforschung*, 5a:367–373, 1950. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1950:YTN

- [Hei50i] Werner Heisenberg. The Yukawa theory of nuclear forces in the light of present quantum theory of wave fields. *Progress of Theoretical Physics*, 5(4):523–525, July/August 1950. CODEN PTPKAV. ISSN 0033-068X (print), 1347-4081 (electronic).

Heisenberg:1950:QEG

- [Hei50j] Werner Heisenberg. Zur Quantentheorie der Elementarteilchen. (German) [On the quantum theory of elementary particles]. *Zeitschrift für Naturforschung*, 5a:251–259, 1950. CODEN ZNTFA2. ISSN 0372-9516.

Heisenberg:1951:JQG

- [Hei51a] Werner Heisenberg. 50 Jahre Quantentheorie. (German) [50 years of quantum theory]. *Naturwissenschaften*, 38(3):49–55,

???? 1951. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL <http://www.springerlink.com/content/k1t4655274v37550>.

Heisenberg:1951:AS

[Hei51b] Werner Heisenberg. Arnold Sommerfeld. *Naturwissenschaften*, 38(??):337–338, ??? 1951. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Heisenberg:1951:ASN

[Hei51c] Werner Heisenberg. Arnold Sommerfeld [Nachruf]. (German) [Arnold Sommerfeld [obituary]]. *Naturwissenschaften*, 38(15):337–338, ??? 1951. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL <http://www.springerlink.com/content/r02343hv28210677>.

Heisenberg:1951:RWI

[Hei51d] Werner Heisenberg. Die Rolle der Wissenschaft im öffentlichen Leben. (German) [The role of science in public life]. *Deutsche Universitätszeitung*, 6(12):15–16, June 29, 1951.

Heisenberg:1951:DFN

[Hei51e] Werner Heisenberg. Hat Deutschlands Forschung noch eine Chance? (Interview with A. Pullmann). (German) [Does Germany's research have a chance? (Interview with A. Pullmann)]. *Göttinger Tageblatt*, 265(??):??, November 10, 1951.

Heisenberg:1951:KSA

[Hei51f] Werner Heisenberg. Kosmische Strahlungen und Atomphysik. (German) [Cosmic rays and atomic physics]. In ???, editor, *Jahresbericht 1951 der Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.*. (German) [Annual Report for 1951 of the Max Planck Society for the Needs of Sciences e.V.], pages 229–236. Max-Planck-Gesellschaft, Göttingen, West Germany, 1951.

Heisenberg:1951:STF

[Hei51g] Werner Heisenberg. On stability and turbulence of fluid flows. Technical Memo 1291, National Commission for Aeronautics, Washington, DC, USA, 1951. 60 pp. English translation of Heisenberg's doctoral dissertation [Hei24e].

Heisenberg:1951:MFT

- [Hei51h] Werner Heisenberg. On the mathematical frame of the theory of elementary particles. *Communications on Pure and Applied Mathematics (New York)*, 4(1):15–22, 1951. CODEN CPAMAT, CPMAMV. ISSN 0010-3640 (print), 1097-0312 (electronic).

Heisenberg:1951:PZT

- [Hei51i] Werner Heisenberg. Paradoxien des Zeitbegriffs in der Theorie der Elementarteilchen. (German) [Paradoxes of the time concept in the theory of elementary particles]. In *Festschrift zur Feier des zweihundertjährigen Bestehens der Akademie der Wissenschaften in Göttingen. I. Math.-Phys. Kl. (German) [Festschrift in honor of the bicentennial anniversary of the Academy of Sciences in Göttingen. I. Math Phys. kl]*, pages 50–64. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1951.

Heisenberg:1951:TAG

- [Hei51j] Werner Heisenberg. *Theorie des Atomkerns. (German) [Theory of the atomic nucleus]*. Max-Planck-Institut für Physik, Göttingen, West Germany, 1951. 162 pp. LCCN ????

Heisenberg:1951:TAV

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