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$(K_9 - C_9)^n$ [2234]. (n, n) [2492]. (p, q) [3208]. 1 [2282]. 192 [712]. 2 [577]. $2n$ [704]. 3 [215, 257, 492, 623, 2876]. 8 [712]. $^+$ [3149]. ^{2} [2576, 3122, 3352]. $^{[b]}$ [3353]. $^\circ$ [283]. $_1$ [665]. $_2$ [665]. $A*$ [593, 1246, 3166]. α [602, 3242]. C [733, 1127, 2329]. D [326]. δ [422]. g [1309, 2048, 2498, 2996]. γ [3387]. GF(p) [2576]. h [1299, 1632, 2098, 2633, 3295]. H_∞ [764, 1571]. K [313, 728, 789, 981, 1168, 1211, 1250, 1311, 1312, 1385, 1454, 1660, 2172, 2295, 2366, 2381, 2467, 2636, 2814, 2870, 3072, 3100, 3216, 3221, 3270, 3298, 3335]. $K_{1,2}$ [3403]. K_4 [2633]. $k\alpha$ [1751]. l [1168, 2927]. L_2 [1154]. LU [2540, 3012]. M [3453]. $\mathcal{N}$ [961]. N [1019, 1311, 1312, 1318, 1632, 2282, 2295, 2633, 3131, 3225]. $O(\log_2 N)$ [1299]. P_k [1644]. Q [627, 1770, 1960, 2368, 2715, 2799, 2840, 2949, 3202, 3354, 3408, 3468]. QR [455, 3033]. R [31]. R_g [2962]. s^+ [2078]. σ [1016]. T [3150]. t/s [1311, 1312]. τ [1494]. U [3435]. X [2962]. Z [1276, 1723].

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1220, 1237, 1244, 1254, 1270, 1277, 1300, 1337, 1344, 1361, 1408, 1517, 1528, 1533, 1534, 1545, 1608, 1615, 1632, 1647, 1667, 1672, 1681, 1701, 1711, 1771, 1878, 1930, 1965, 2004, 2012, 2017, 2072, 2091, 2115, 2117, 2121, 2166, 2216, 2247, 2254, 2354, 2441, 2540, 2567, 2597, 2620, 2681, 2695, 2723, 2767, 2784, 2807, 2847, 2865, 2973, 2985, 3025, 3059, 3088, 3134, 3135, 3143, 3157, 3160, 3192, 3232, 3241, 3252, 3293, 3341, 3344, 3357, 3371, 3401, 3402, 3406, 3411, 3421, 3462]. **based** [10, 82, 137, 216, 242, 290, 296, 305, 335, 345, 384, 458, 503, 515, 617, 713, 715, 749, 750, 766, 816, 878, 881, 917, 1093, 1116, 1125, 1198, 1227, 1238, 1241, 1250, 1302, 1381, 1390, 1400, 1438, 1450, 1516, 1525, 1540, 1564, 1570, 1574, 1617, 1649, 1662, 1770, 1827, 1844, 1900, 1977, 1997, 2026, 2079, 2145, 2236, 2238, 2255, 2320, 2337, 2368, 2427, 2434, 2439, 2452, 2480, 2519, 2541, 2551, 2638, 2648, 2654, 2658, 2722, 2766, 2815, 2848, 2864, 2889, 2943, 2948, 2963, 3029, 3101, 3195, 3196, 3246, 3260, 3281, 3333, 3347, 3427, 3430, 3436, 3456]. **based** [7, 34, 86, 186, 194, 197, 304, 349, 376, 389, 447, 475, 526, 597, 686, 698, 712, 947, 1011, 1046, 1062, 1088, 1119, 1161, 1166, 1228, 1229, 1268, 1274, 1301, 1304, 1305, 1355, 1360, 1373, 1384, 1419, 1571, 1598, 1641, 1679, 1702, 1716, 1719, 1739, 1758, 1787, 1811, 1814, 1838, 1873, 1897, 1935, 1949, 2007, 2027, 2044, 2069, 2157, 2158, 2170, 2171, 2176, 2457, 2483, 2492, 2495, 2553, 2583, 2595, 2600, 2619, 2634, 2656, 2664, 2667, 2706, 2725, 2770, 2853, 2888, 2892, 2914, 2925, 2958, 3002, 3114, 3153, 3174, 3180, 3205, 3217, 3233, 3234, 3377, 3384, 3391, 3410, 3446, 3457, 3465, 3466]. **based** [40, 106, 198, 203, 214, 224, 253, 271, 341, 347, 368, 394, 403, 471, 532, 556, 568, 607, 739, 745, 781, 782, 811, 845, 846, 854, 872, 911, 920, 952, 992, 1075, 1077, 1163, 1181, 1194, 1242, 1278, 1298, 1332, 1358, 1364, 1397, 1447, 1537, 1611, 1616, 1652, 1663, 1671, 1695, 1775, 1795, 1824, 1853, 1913, 1937, 2034, 2038, 2136, 2172, 2183, 2199, 2201, 2230, 2312, 2356, 2447, 2515, 2531, 2554, 2579, 2647, 2659, 2670, 2729, 2739, 2741, 2755, 2758, 2793, 2826, 2833, 2911, 2945, 2960, 3021, 3037, 3074, 3080, 3099, 3119, 3139, 3179, 3305, 3317, 3359, 3365, 3396, 3400]. **based** [11, 51, 61, 70, 93, 113, 142, 180, 209, 300, 316, 330, 435, 450, 454, 513, 533, 539, 552, 572, 608, 618, 634, 687, 829, 879, 919, 933, 1121, 1188, 1247, 1266, 1289, 1292, 1310, 1321, 1359, 1436, 1455, 1461, 1475, 1483, 1518, 1551, 1601, 1678, 1715, 1721, 1732, 1757, 1875, 1883, 1905, 1917, 1946, 1969, 2006, 2024, 2068, 2094, 2111, 2140, 2174, 2252, 2266, 2276, 2277, 2329, 2372, 2378, 2429, 2484, 2510, 2529, 2533, 2543, 2555, 2575, 2580, 2592, 2593, 2622, 2623, 2629, 2668, 2705, 2748, 2750, 2803, 2814, 2820, 2823, 2946, 2956, 2970, 3045, 3138, 3152, 3154, 3184, 3244, 3277, 3286, 3296, 3339, 3342, 3374, 3418]. **based** [38, 39, 43, 45, 53, 55, 102, 164, 183, 229, 254, 260, 292, 353, 463, 466, 530, 669, 676, 850, 927, 978, 1019, 1172, 1180, 1256, 1279, 1299, 1316, 1342, 1366, 1415, 1428, 1446, 1448, 1477, 1576, 1596, 1597, 1612, 1638, 1674, 1693, 1759, 1779, 1793, 1801, 1803, 1819, 1847, 1866, 1959, 1995, 2008, 2029, 2102, 2103, 2114, 2146, 2154, 2207, 2232, 2249, 2263, 2308, 2313, 2334, 2352, 2355, 2385, 2400, 2417, 2421, 2422, 2433, 2461, 2471, 2472, 2499, 2535, 2631, 2640, 2679, 2686, 2716, 2720, 2724, 2809, 2818, 2831, 2840, 2868, 2880, 2881, 2938, 2939, 3018, 3104, 3170, 3177, 3190, 3209, 3269, 3272, 3311, 3319, 3334, 3369, 3370, 3453]. **based** [41, 75, 133, 277, 438, 495, 717, 857, 1085, 1171, 1411, 1488, 1767, 1778, 1782, 1792, 1810, 1812, 1925, 1938, 2160, 2301, 2305, 2382, 2465, 2512, 2517, 2625, 2666, 2743, 2900, 2912, 2928, 2952, 2964, 2983, 3001, 3161, 3221, 3236, 3287, 3300, 3308, 3362, 3368, 3378, 3390, 3399]. **bases** [1603]. **basic** [886]. **basis** [667, 2819, 2877, 3094]. **Basketball** [1081, 1514, 1742, 2696]. **bat** [1492, 1511, 1729, 1908, 2957]. **batch** [18, 635, 2122, 2941]. **batched** [1134, 1547, 2280]. **batches** [2316]. **batching** [2988]. **batteries** [2367, 2734, 3110]. **battery** [1719, 1810, 2838, 2947, 3256]. **Battle** [2754, 2781]. **battlefield** [1999]. **Bayes**

[725, 1553, 2031]. **Bayesian** [55, 384, 671, 863, 1048, 1135, 1607, 1940, 2387, 2577, 3235]. **Bayesian-based** [1940]. **BB** [715]. **BB-tree** [715]. **BC** [1673]. **BCDDO** [3108]. **BCGAN** [920]. **BChOA** [3270]. **BCN** [1829]. **beam** [1462, 3383]. **beamforming** [2407]. **Bearer** [307]. **bearing** [2034]. **Beck** [866]. **bee** [245, 372, 478]. **Beetle** [1898, 2050, 2166, 3359, 3443]. **Behavior** [156, 570, 646, 669, 815, 887, 1058, 1249, 1257, 1455, 1628, 1629, 1632, 2009, 2201, 2259, 2318, 2358, 2442, 2479]. **behavior-based** [2358]. **behavioral** [1555, 2637]. **behaviors** [165, 788, 976, 1528, 1728, 2536, 2986, 3146]. **behaviour** [2222]. **BejaGNN** [2358]. **belief** [684, 1092, 1387, 1679, 2376, 2577, 3332, 3412]. **benchmark** [2144]. **benchmarking** [378, 615, 1280, 1970]. **Benchmarks** [2110]. **benefits** [833]. **BER** [218]. **BeRAN** [2398]. **BERT** [1292, 1977, 2214, 2261, 2426]. **BERT-CNN** [1292]. **Best** [33, 491, 500, 964, 1177, 1246, 2291]. **best-first** [1177]. **best-fit** [500]. **best-fit-decreasing** [33]. **Best-tree** [2291]. **better** [1184, 1185, 1418]. **between** [509, 720, 1648, 2188, 2240, 2319, 2336, 2387, 2415, 3231]. **betweenness** [1983]. **beyond** [2994]. **BI** [941, 1160, 1223, 1520, 1657, 1823, 1853, 2386, 2438, 3091]. **bi-cluster** [1160]. **bi-layer** [1853]. **bi-level** [2386, 2438]. **Bi-LSTM** [941, 1520, 1657]. **bi-objective** [1223, 1823]. **bias** [1713, 3202]. **biased** [3058]. **bibliographic** [200]. **bibliometric** [777]. **bibliometrics** [169]. **BID** [2898]. **Bidirectional** [550, 593, 797, 1108, 1932, 2091, 2291, 2678]. **Big** [13, 56, 77, 78, 143, 169, 170, 201, 217, 221, 261, 370, 450, 571, 588, 589, 617, 751, 762, 773, 793, 800, 915, 942, 951, 1016, 1043, 1052, 1156, 1165, 1181, 1217, 1218, 1224, 1400, 1717, 1988, 2018, 2039, 2136, 2200, 2508, 2669, 2824, 2845, 2911, 2917, 3449]. **big-data** [793]. **BiGAN** [1872]. **bigdata** [285]. **BiGRU** [2668]. **bike** [2711]. **bike-sharing** [2711]. **bilateral** [2693, 2827, 3098]. **bilinear** [2297]. **bilingual** [73]. **BiLSTM** [2214, 2494, 2673, 2776, 3061]. **bin** [1821]. **binarization** [842]. **Binary** [156, 225, 377, 552, 739, 867, 917, 1073, 1121, 1201, 1303, 1407, 1488, 1635, 1908, 1984, 2034, 2035, 2151, 2155, 2208, 2265, 2281, 2544, 2957, 3070, 3094, 3108, 3281]. **Binary-PSO-based** [1121]. **binding** [1663]. **bio** [104, 948, 957, 1653, 2902, 3096, 3144]. **bio-image** [957]. **bio-inspired** [948, 1653, 2902, 3096, 3144]. **biochemical** [315]. **biogas** [2659]. **biogeography** [568, 1819, 2144]. **biogeography-based** [568, 1819, 2144]. **biohashing** [2805]. **bioimaging** [1192]. **bioinformatic** [990]. **bioinspired** [2702]. **biological** [186, 398, 536, 938, 1377, 1434, 1781, 3001]. **biology** [309, 1464]. **biomedical** [1635, 1668, 1672, 1772, 2296, 3050]. **biometric** [63, 224, 453, 1525, 2245]. **biometric-based** [453]. **biotechnology** [609]. **bipartite** [753, 1406]. **bird** [2790]. **birds** [625]. **BIST** [3122]. **bistable** [3004]. **bit** [138, 704, 712, 1726, 1760, 2448, 2627, 3201]. **bit-length** [3201]. **bit-level** [138]. **Bitcoin** [2324]. **bitmap** [677]. **bits** [827]. **bitwise** [3, 276]. **bivariate** [2728]. **Black** [397, 489, 510]. **blackheart** [193]. **blacklist** [1601]. **blast** [590, 3075]. **BLASTP** [534]. **bleacher** [2921]. **blendshapes** [2010]. **blind** [86]. **BLIS** [128]. **Block** [448, 512, 889, 964, 1285, 1364, 1441, 1545, 1609, 2312, 2560, 2996, 3028, 3295, 3380, 3395]. **block-centric** [2560]. **Block-wise** [3028]. **Blockchain** [267, 532, 651, 665, 822, 864, 878, 879, 881, 927, 980, 999, 1004, 1043, 1068, 1090, 1237, 1301, 1332, 1356, 1366, 1375, 1444, 1513, 1601, 1645, 1659, 1676, 1687, 1701, 1702, 1771, 1801, 1865, 1875, 1882, 1915, 1916, 2076, 2190, 2235, 2308, 2312, 2334, 2336, 2369, 2378, 2390, 2410, 2449, 2510, 2518, 2523, 2526, 2600, 2605, 2612, 2625, 2635, 2646, 2664, 2703, 2706, 2739, 2747, 2778,

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