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$(K_9 - C_9)^n$ [2349, 3173]. (n, n) [2607]. (p, q) [3401]. 1 [2397]. 192 [712]. 2 [577]. $2n$ [704]. 3 [228, 235, 492, 623, 2991]. 8 [712]. $^+$ [3331]. ^{2} [1065, 2691, 3304, 3551]. ^{3} [1065]. $^{[b]}$ [3552]. $^\circ$ [303]. $_1$ [665]. $_2$ [665]. $A*$ [593, 1303, 3348]. α [602, 3435]. C [733, 1173, 2444]. D [346]. δ [422]. g [1379, 2163, 2613, 3133, 3581]. γ [3596]. GF(p) [2691]. h [1369, 1719, 2213, 2748, 3100, 3493]. H_∞ [764, 1658]. K [333, 728, 789, 998, 1214, 1268, 1307, 1381, 1382, 1472, 1541, 1747, 2287, 2410, 2481, 2496, 2582, 2751, 2929, 2985, 3159, 3245, 3273, 3360, 3409, 3414, 3463, 3474, 3496, 3534]. $K_{1,2}$ [3612]. K_4 [2748]. $k\alpha$ [1866]. l [1214, 3055]. L_2 [1200]. LU [2655, 3149]. M [3662]. $\mathcal{N}$ [978]. N [1047, 1381, 1382, 1388, 1719, 2397, 2410, 2748, 3313, 3418, 3581]. $O(\log_2 N)$ [1369]. P_k [1731]. Q [627, 1885, 2075, 2483, 2830, 2914, 2955, 3077, 3395, 3553, 3617, 3677]. QR [455, 3191]. R [21, 3100, 3581]. R_g [3090]. s^+ [2193]. σ [1044]. T [3332]. t/s [1381, 1382]. τ [1581]. U [3644]. X [3090]. Z [1346, 1838].

-ANFIS [1044]. **-ary** [1381, 1382, 2410]. **-axis** [1838]. **-based** [450, 934]. **-bit** [704, 712]. **-body** [1388]. **-component** [3100, 3581]. **-conditional** [3090]. **-connectivity** [1731]. **-Cover** [2929]. **-cube** [1047, 1381, 1382, 1719, 3581]. **-cubes** [2410, 3090]. **-D** [577, 2991]. **-diagnosability** [1381, 1382]. **-disjoint** [789]. **-diversity** [1214]. **-dominating** [1268]. **-edge-connected** [2496]. **-embedded** [3055]. **-extra** [1369, 1379, 1719, 2748, 3100].

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1 [3552]. **1-bit** [1841]. **10** [2376]. **14-dimensional** [2812]. **1550** [3457]. **19** [800, 990, 1182, 1384, 1395, 1510, 1580, 1987, 2154, 2228, 2290, 2318, 2508, 2623, 2685, 2733, 2823, 2877, 3130, 3370, 3585]. **1901** [143]. **1D** [1666, 1946]. **1DCNN** [1946].

2 [1673, 2064]. **2-D** [2064]. **2-disjoint** [1984]. **2-phase** [2028]. **2-tuple** [2914, 3677]. **2.0** [412, 3546]. **24-by-24** [2725]. **256** [1969]. **2D** [1505, 2549, 2598, 2763, 2837, 2961, 3309, 3668]. **2DSPP** [1589]. **2Las** [3485]. **2Las-yolo** [3485]. **2PBDC** [261].

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6 [1043, 1971]. **6G** [2513, 3438]. **6LoWPAN** [2367]. **6LoWPAN-based** [2367].

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A-CTO [1863]. **A-NFVLearn** [2504]. **A3** [563]. **A3-Storm** [563]. **A64FX** [3311]. **AAR** [3005]. **abandonment** [1784]. **ABC** [178, 2104]. **ABC-BA** [178, 2104]. **ABE** [1409, 2352, 2397, 2525]. **ABGS** [2190]. **ability** [547]. **ablation** [1552]. **Abnormal** [234, 646, 1638]. **Absolute** [851, 1312, 2372]. **absolute-value** [2372]. **absorbing** [389]. **abstraction** [278, 855, 1351]. **abstractive** [1210, 2857]. **academic** [375, 831]. **ACANet** [3316]. **accelerate** [190, 1588, 1889, 2656, 3135]. **accelerated** [431, 485, 793, 918, 1532, 1745, 1778, 1823, 2065, 2364, 2467, 2622, 3487, 3508, 3620]. **Accelerating** [259, 427, 574, 755, 1558, 2171, 2177, 2180, 3170]. **Acceleration** [413, 451, 498, 1097, 1664, 1810, 2276, 2436, 2559, 3144, 3206]. **accelerator** [1118, 1120, 1237, 1663, 2591, 2889, 2921, 3115, 3225]. **accelerator-rich** [1118]. **accelerators** [360, 509, 924, 1388, 1996, 2050, 2162, 2452, 3320]. **accelerometers** [852]. **acceptance** [1711]. **Access** [159, 324, 325, 327, 546, 1092, 1101, 1151, 1152, 1409, 1503, 1510, 1531, 1646, 1720,

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3019, 3024, 3052, 3095, 3105, 3119, 3246, 3265, 3315, 3341, 3355, 3390, 3417, 3560, 3574, 3607, 3617, 3628, 3633]. **based** [4, 16, 130, 146, 169, 194, 265, 283, 346, 465, 482, 514, 519, 543, 549, 603, 619, 630, 690, 704, 714, 725, 757, 832, 843, 881, 921, 922, 979, 980, 1102, 1152, 1193, 1223, 1269, 1282, 1283, 1310, 1397, 1425, 1430, 1462, 1510, 1547, 1559, 1607, 1645, 1665, 1720, 1772, 1805, 1887, 1899, 1948, 2038, 2047, 2071, 2073, 2075, 2106, 2111, 2157, 2219, 2231, 2254, 2290, 2358, 2383, 2438, 2446, 2481, 2485, 2509, 2529, 2550, 2579, 2684, 2711, 2727, 2849, 2919, 2920, 2940, 2965, 2976, 2986, 3045, 3109, 3143, 3145, 3209, 3227, 3263, 3362, 3408, 3431, 3469, 3502, 3514, 3522, 3529, 3586, 3596, 3678]. **based** [3, 86, 133, 137, 151, 214, 227, 292, 313, 316, 319, 331, 339, 342, 410, 414, 415, 420, 426, 496, 510, 512, 561, 579, 605, 639, 651, 657, 658, 760, 797, 809, 812, 815, 859, 905, 906, 930, 931, 946, 967, 986, 997, 1002, 1041, 1052, 1124, 1131, 1188, 1189, 1203, 1219, 1233, 1244, 1314, 1384, 1396, 1418, 1467, 1507, 1556, 1642, 1820, 1822, 1841, 1951, 2058, 2107, 2182, 2259, 2360, 2365, 2508, 2569, 2593, 2677, 2679, 2778, 2811, 2830, 2833, 2877, 2943, 2987, 3030, 3041, 3044, 3124, 3208, 3264, 3273, 3357, 3381, 3474, 3481, 3505, 3549, 3578, 3618, 3624, 3644, 3669, 3672]. **based** [5, 6, 40, 42, 82, 162, 170, 171, 209, 286, 296, 328, 366, 371, 399, 417, 440, 448, 464, 546, 589, 600, 711, 726, 787, 793, 851, 867, 899, 912, 973, 981, 985, 1032, 1037, 1082, 1106, 1110, 1115, 1154, 1175, 1226, 1252, 1277, 1294, 1301, 1338, 1347, 1365, 1370, 1398, 1421, 1493, 1604, 1615, 1620, 1621, 1664, 1691, 1702, 1719, 1734, 1742, 1746, 1754, 1759, 1768, 1788, 1802, 1877, 1886, 1966, 1999, 2045, 2119, 2127, 2206, 2232, 2236, 2281, 2331, 2350, 2362, 2384, 2712, 2722, 2730, 2735, 2810, 2826, 2838, 2882, 2899, 2980, 3011, 3070, 3122, 3159, 3183, 3217, 3286, 3295, 3316, 3317, 3331, 3339, 3342, 3360, 3425, 3434, 3445, 3478, 3489, 3556, 3610, 3671]. **based** [131, 193, 306, 308, 318, 374, 458, 492, 503, 515, 617, 694, 715, 749, 750, 756, 766, 822, 861, 895, 898, 934, 1126, 1127, 1150, 1247, 1255, 1295, 1307, 1311, 1327, 1414, 1437, 1477, 1495, 1537, 1612, 1627, 1632, 1651, 1657, 1695, 1704, 1736, 1749, 1798, 1885, 1942, 1993, 2015, 2080, 2092, 2132, 2187, 2230, 2260, 2351, 2353, 2369, 2435, 2469, 2483, 2556, 2567, 2595, 2634, 2655, 2666, 2682, 2753, 2763, 2773, 2796, 2837, 2922, 2962, 2963, 3076, 3103, 3110, 3166, 3174, 3187, 3261, 3274, 3325, 3353, 3385, 3388, 3439, 3491, 3532, 3540, 3543, 3570, 3587, 3611, 3615, 3620, 3630, 3639, 3665]. **based** [24, 30, 102, 157, 164, 167, 206, 213, 236, 266, 272, 322, 325, 384, 475, 698, 712, 713, 816, 885, 964, 1039, 1080, 1096, 1159, 1284–1286, 1298, 1333, 1371, 1372, 1374, 1375, 1449, 1457, 1461, 1468, 1471, 1487, 1525, 1603, 1658, 1661, 1766, 1826, 1831, 1834, 1854, 1873, 1926, 1959, 1988, 2012, 2064, 2112, 2122, 2141, 2142, 2184, 2194, 2272, 2273, 2285, 2291, 2370, 2452, 2542, 2549, 2554, 2572, 2610, 2656, 2734, 2769, 2771, 2782, 2821, 2881, 2930, 2979, 3003, 3004, 3042, 3071, 3086, 3091, 3106, 3287, 3335, 3389, 3398, 3453, 3479, 3546, 3576, 3593, 3619, 3636, 3645, 3675]. **based** [27, 60, 106, 168, 173, 244, 314, 320, 324, 368, 376, 389, 403, 447, 526, 556, 597, 686, 739, 811, 857, 866, 1020, 1109, 1111, 1122, 1153, 1168, 1207, 1209, 1212, 1325, 1331, 1336, 1337, 1409, 1431, 1436, 1440, 1459, 1484, 1506, 1534, 1685, 1703, 1728, 1750, 1789, 1804, 1812, 1818, 1902, 1910, 1929, 1953, 1968, 2050, 2153, 2159, 2251, 2286, 2287, 2298, 2562, 2598, 2607, 2630, 2668, 2694, 2698, 2710, 2715, 2749, 2762, 2779, 2840, 2854, 2885, 2968, 3007, 3029, 3048, 3053, 3088, 3139, 3195, 3272, 3292, 3367, 3372, 3373, 3410, 3426, 3427, 3600, 3655, 3666, 3674]. **based** [71, 84, 113, 119, 224, 234, 291, 394, 450, 471, 532, 552, 568, 607, 618, 745, 781, 782, 858, 889, 896, 928, 937, 950, 969, 1155, 1238, 1245, 1251, 1299, 1348, 1368, 1391, 1434, 1542, 1570, 1624, 1698, 1739, 1758, 1782, 1806, 1872, 1890, 1939, 2020, 2028, 2032, 2052, 2084, 2139, 2149, 2183, 2209, 2226, 2314, 2316, 2345, 2367, 2391, 2392, 2427, 2471, 2544, 2646, 2648, 2669, 2670, 2707, 2708, 2738, 2744, 2774, 2785, 2844, 2856, 2870, 2873, 2908, 2918, 2929, 2941, 2948, 3026,

3038, 3073, 3177, 3179, 3234, 3247, 3253, 3299, 3321, 3484, 3503, 3515, 3558, 3564, 3605, 3609]. **based** [31, 41, 50, 63, 65, 80, 91, 179, 200, 276, 336, 350, 435, 454, 466, 513, 533, 539, 572, 608, 634, 687, 841, 936, 995, 1304, 1323, 1359, 1362, 1369, 1380, 1386, 1435, 1502, 1516, 1524, 1535, 1548, 1562, 1605, 1638, 1683, 1688, 1699, 1761, 1765, 1797, 1824, 1827, 1836, 1847, 1874, 1894, 1908, 1990, 1998, 2061, 2110, 2121, 2218, 2255, 2261, 2289, 2322, 2347, 2381, 2444, 2487, 2493, 2500, 2532, 2536, 2548, 2576, 2599, 2614, 2625, 2644, 2658, 2690, 2695, 2737, 2783, 2801, 2820, 2835, 2863, 2865, 2935, 2938, 2995, 3046, 3074, 3084, 3098, 3155, 3160, 3176, 3203, 3320, 3334, 3336, 3358, 3377, 3402, 3437, 3462, 3470, 3494, 3538, 3541, 3573, 3627]. **based** [55, 58, 59, 61, 73, 75, 153, 184, 203, 225, 249, 268, 280, 353, 438, 463, 530, 669, 676, 862, 869, 944, 1047, 1218, 1237, 1313, 1349, 1419, 1442, 1458, 1498, 1533, 1564, 1575, 1663, 1684, 1725, 1780, 1882, 1897, 1907, 1916, 1918, 1934, 1962, 1981, 2040, 2053, 2074, 2123, 2144, 2217, 2229, 2269, 2275, 2364, 2378, 2423, 2428, 2449, 2467, 2470, 2515, 2537, 2586, 2587, 2627, 2650, 2740, 2746, 2755, 2794, 2831, 2839, 2858, 2924, 2933, 2946, 2955, 2983, 2996, 3040, 3047, 3056, 3066, 3067, 3080, 3165, 3241, 3277, 3302, 3352, 3370, 3383, 3414, 3429, 3465, 3498, 3509, 3517, 3533, 3561, 3568, 3569, 3581, 3588, 3599, 3608, 3662]. **based** [297, 495, 717, 1119, 1217, 1893, 1925, 1927, 2416, 2420, 2497, 2580, 2632, 2781, 3015, 3027, 3092, 3120, 3138, 3231, 3343, 3363, 3485, 3506, 3567, 3577]. **bases** [1690]. **basic** [903]. **basis** [667, 2934, 2992, 3267]. **Basketball** [1115, 1601, 1857, 2811]. **bat** [1579, 1598, 1844, 2023, 3085]. **batch** [8, 635, 2237, 3069]. **batched** [1180, 1634, 2395]. **batches** [2431]. **batching** [3125]. **batteries** [2482, 2849, 3283]. **battery** [1834, 1925, 2953, 3075, 3449]. **batting** [1335]. **Battle** [2869, 2896]. **battlefield** [2114]. **Bayes** [725, 1640, 2146]. **Bayesian** [75, 384, 671, 875, 1082, 1181, 1694, 2055, 2502, 2692, 3241, 3428]. **Bayesian-based** [2055]. **BB** [715]. **BB-tree** [715]. **BC** [1760]. **BCDDO** [3281]. **BCGAN** [937]. **BChOA** [3463]. **BCN** [1944]. **beam** [1549, 3592]. **beamforming** [2522]. **Bearer** [327]. **bearing** [2149]. **Beck** [878]. **bee** [216, 372, 478, 1815]. **BeeAE** [1815]. **Beetle** [2013, 2165, 2281, 3558, 3652]. **Behavior** [133, 570, 646, 669, 815, 904, 1010, 1092, 1306, 1314, 1542, 1715, 1716, 1719, 1808, 2124, 2316, 2374, 2433, 2473, 2557, 2594]. **behavior-based** [2473]. **behavioral** [884, 1642, 2752]. **behaviors** [185, 788, 993, 1615, 1843, 2651, 3123, 3328]. **behaviour** [2337]. **BejaGNN** [2473]. **belief** [684, 1126, 1474, 1766, 2491, 2692, 3528, 3531, 3621]. **benchmark** [2259]. **benchmarking** [378, 615, 1350, 2085]. **Benchmarks** [2225]. **benefits** [845]. **BER** [238]. **BeRAN** [2513]. **BERT** [1362, 2092, 2329, 2376, 2541]. **BERT-CNN** [1362]. **Best** [23, 491, 500, 981, 1234, 1303, 2406]. **best-first** [1234]. **best-fit** [500]. **best-fit-decreasing** [23]. **Best-tree** [2406]. **BestOf** [1799]. **better** [1241, 1242, 1505]. **between** [509, 720, 1735, 2303, 2355, 2434, 2451, 2502, 2530, 3424]. **betweenness** [2098]. **beyond** [3131]. **BI** [958, 1206, 1280, 1607, 1744, 1938, 1968, 2501, 2553, 3233, 3264]. **Bi-alignment** [3233]. **bi-cluster** [1206]. **bi-layer** [1968]. **bi-level** [2501, 2553]. **Bi-LSTM** [958, 1607, 1744]. **bi-objective** [1280, 1938]. **bias** [1814, 3395]. **biased** [3216]. **bibliographic** [170]. **bibliometric** [777]. **bibliometrics** [189]. **BID** [3013]. **Bidirectional** [550, 593, 797, 1142, 2047, 2206, 2406, 2793]. **Big** [33, 36, 97, 98, 120, 171, 189, 190, 237, 241, 281, 370, 450, 571, 588, 589, 617, 751, 762, 773, 793, 800, 831, 932, 959, 968, 1001, 1044, 1077, 1086, 1202, 1211, 1238, 1274, 1275, 1281, 1487, 1819, 1832, 2103, 2133, 2154, 2251, 2315, 2623, 2784, 2939, 2960, 3026, 3032, 3300, 3658]. **big-data** [793]. **BiGAN** [1987]. **bigdata** [261]. **BiGRU** [2783]. **bike** [2826]. **bike-sharing** [2826]. **bilateral**

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