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Title word cross-reference

2^n [AC83]. 8 [Wic82]. χ^2 [LCJ86]. F [LCJ86]. k [FT83]. $M/M/s$ [Cla81]. $O(1)$ [Bro88]. $O(n)$ [Dei80]. P^2 [JC85]. t [Hil70a, Hil70b, Hil81a, Hil81b, LCJ86, eL79].

-Bit [Wic82]. **-Distribution** [Hil70a, Hil81a, eL79, FT83]. **-Multiprogramming** [Dij83b, Dij68]. **-Quantiles** [Hil70b, Hil81b].

1 [Jal84, Pet83]. **16** [GS87b]. **1980** [Eck80]. **1980s** [WAB+88]. **1981** [BBB+81]. **1984** [Bro84a, CCZD84, Cla84, Knu84a, NB84, Neu84]. **1986** [Fre87a]. **1990's** [SW89].

21st [Scu89]. **246** [Boo64]. **25th** [SR85]. **29** [RHC87]. **299** [HP67].

30 [Ell60]. **32** [GS87b]. **334** [Bel68]. **360** [SG84b]. **370** [SG84b]. **395** [Hil70a]. **396** [Hil70b].

408 [McN71].

60 [Iro61, Iro83].

'78 [RS80].

80a [Dei80]. **80s** [NCD82]. **'87** [van88]. **87e** [RHC87].

= [Sol86].

abbreviation [BW84]. **above** [MG86]. **Abstract** [BG84, BG87, CG88, Rot81].

Abstraction [BGN86, Gar88, Isn82, Abb87, LWS87]. **Abstraction-based** [BGN86]. **abuse** [IHS86]. **Academic** [GMRY86, Tho86, Pre89b]. **accelerating** [TT82]. **Acceptability** [Öre81]. **Access** [CGM83, Dal84, Gre82, Hay84, LK84, Öre81, PS83, VR82, JM89]. **Accesses** [Che82, LS82b, Luk83, WWS83]. **accessibility** [Lad89]. **Accessing** [Hay86]. **Accommodate** [Moz82]. **Accommodating** [Gid84, NHSS87]. **Accreditation** [MD84, BM87, BM87]. **Accuracy** [KC73, Sal88, KC83]. **ACL** [Wil83b]. **ACM** [Ano80b, Dei80, RHC87, Sta86, Alt87, Ano80c, Ash86a, Ash86b, Ash86c, Ash86d, Ash86e, Ash86f, Ash86g, Ash86i, Ash86j, Ash86k, Ash89, Bel68, BSE^{+}90, Boo64, Coc87, D'A84, Den88, DBFJ86, Ell60, Fec87, Fox88, HP67, Hil70a, Hil70b, KSW85, LSS86, MAB^{+}81, McN71, Min81, Min85, MD84, NK88, NK89, NHSS87, Pel88, Rev87, SR84, Ske82, WWSD90, Ash86h]. **ACM/IEEE** [MD84]. **Acquire** [Maz80]. **Act** [SSK^{+}86]. **activities** [BM87]. **Ada** [LS82c, Raj85, CDV^{+}86, GKB86, Ich84, LS82c, NB84, NS87a, NS87b, Sam86, Ske82, WW84, Weg81, Wic84]. **Adaptability** [Wil84]. **adaptable** [KS89]. **Adapting** [JAV86]. **Adaptive** [Abr89, BSTW86, OA85, RHC87]. **additive** [Pri81a, Pri81b]. **Address** [van88]. **Addresses** [Cha81]. **adequacy** [Wey88]. **Adjacency** [LL87a]. **adjusted** [HL81]. **Administration** [Gil82, Kah83]. **Advance** [CCZD84]. **Advanced** [Ash81, PW86]. **advice** [CM87]. **advice-giving** [CM87]. **Affecting** [VW83]. **after** [KI84]. **Aftermath** [Spa89]. **Against** [Dav81, MM84, Gru89]. **Age** [Ano84a, Fox88, RME84, Cra87]. **Aha** [Ben83a]. **Aid** [EM82, TWBK89]. **Aided** [LLK82]. **algebra** [Nas85]. **ALGLIB** [SW85]. **ALGOL** [Iro61, Iro83, MK80].

Algol-W [MK80]. **Algorithm** [Bel68, Ben84a, Ben84d, Boo64, BM77, Dwy81b, Ear70, Ear83, Ell60, Er85, Fin84, Fle80, Fra82, Gal81, Gau82, Gus78, HKM80, HP67, Hil70a, Hil70b, Hil81a, Hil81b, HP85, JC85, KJ84, Lee80, LW86, Mar82, McC82, McN71, Mis75, Nov85, Pea82, RA81, Sip77, Sun90, Tar87, Tay83, Til84, Tra82, ZS84, eL76, eL79, CN82, DZ89, Dei80, Ger88, GS87b, HSCP87, KJ85, Kwo88, LL83, LB83, LB84b, LB84a, Luo89, O'R81, Pee83, PW80, PW81, RSS88, Pap85]. **Algorithmic** [Mae80]. **Algorithms** [Ano80a, CM82, CI84, CK80, GH89a, GH89b, Hal89b, Hal89a, Has84, HS87, KR81, Kor82, LS84, LS82a, LR82b, LR82a, NP82, Smi81, Wai84, BFP82, CS80b, CLC82, Ebe87, GT83, Gor88, HS86a, Man88, MS81a, Mer85, OS85, SCL87, Wai85, Ben83a]. **Allan** [Fre87c]. **allocating** [BK89]. **Allocation** [Bec82, SH85, VVG85, YM86]. **allowing** [WM92]. **Alpha** [Pea82]. **Alpha-Beta** [Pea82]. **Alternative** [DGST88]. **alternatives** [LSS86]. **Ambler** [Eck80]. **Amdahl** [Gus88]. **American** [BBB^{+}81, Bur83, Dal84, NK89]. **Among** [Bar83]. **Amortized** [BM84, BM85a, ST85]. **AN/FSQ7** [Bel83a]. **Analogy** [Win80]. **Analyses** [BM84, Nor83, BM85a, Kan89]. **Analysis** [Bar83, BL80, BC84, CF83, Den81a, HC84, Lin80, MJ89, MS81a, Med84, Oli83, PL80, She87, SV87, Suz82, VD83, WW84, BS81, BM85b, FB81, LB83, LB84b, LB84a, MT88, ON85, RS86, RPL89, San89a, SA81, YBCR88, ZSEG82]. **analyst** [BG86]. **Analyzing** [JL82, Tay83]. **Anatomy** [SK88]. **Andrew** [MSC^{+}86]. **Andries** [Ano84a]. **anniversary** [SR85]. **annotations** [PC89]. **Announcing** [Den87a]. **annual** [FM86, FMB88, FB89]. **Anomalies** [LS84]. **Answers** [Wic84]. **Anthony** [Eck80]. **Antithetic** [FH83]. **Anxiety** [Pap85, Guy88, HS86b]. **APL** [Bil81, Bil82]. **Application**

[Gui83, Jon88, LS81, Mar84, MMP84, SDP84, TTH+84, GG85b, Gui85, Man85, SDP87]. **Applications** [BB81, DGST88, Nej88, PB80, Bas85, Fin85, FB81, MD89, RSS88, YSB+89]. **Approach** [Ala84, Bic87, GHJ+81, HM84, Hil88, KD80, Lam89, Lic83, Mae80, MK80, San89b, Yen89, AS87, BYG92, DDM86, GT83, RRHD88, TK89, Zav84]. **Approaches** [Mow81]. **approximate** [Cla81]. **approximately** [San84]. **Approximation** [BFP82, LR82a, Sam85]. **April** [Bro84a, CCZD84, Cla84, Knu84a, NB84, Neu84]. **Arabic** [Bec87]. **architect** [Mil85]. **architectural** [TDP89]. **Architecture** [Car84, Den81b, Den85, HSS89, MKNS87, SG84b, WC84, AS87, GS87a, SDP87]. **Architectures** [SDP84, Fri85, Wir86]. **Archival** [Pec82]. **Area** [AA80, Bro83]. **Area-Time** [AA80]. **Argus** [Lis88]. **ARIADNE** [LWS87]. **Arithmetic** [WNC87, LL87b]. **Arrays** [Ben85b]. **Art** [Fre88b, Knu73]. **Artificial** [Mar84, BH89, McC87a]. **Arts** [GT86]. **Aspects** [Led86, Mad84, Par85]. **Assessing** [Ber84]. **Assessment** [Ala84, Gou82, Gup84, HS80a, KK84, Ste85a, Ste82, Weg81, Wei82b, Wei83a, WC84, Bic89, DLA85, Lan86, Mun88, SB86, Ste85b, Web88, Wei87b, DLA85]. **assignment** [NMF87]. **assist** [ON85]. **Assistant** [Cha82]. **Assisted** [CS80a, Coh82]. **Associative** [Ben85b]. **Assurance** [GK82]. **Astrophysics** [Arn84, Arn85]. **Asymptotic** [LLTvdL82]. **asymptotically** [Koo86]. **Asynchronous** [CM81]. **Athena** [BLP85]. **ATN** [Kai81]. **Attitudes** [INW83, Mor83c]. **Attributes** [EDF84, EDF87]. **audio** [YSB+89]. **Audit** [Han83, KvE84]. **Auditing** [HM84]. **Auditor** [LR81]. **Auditors** [Wil83b]. **Authentication** [Boo81, GJ82, Lam81]. **Author** [Pec83a]. **Authoring** [Kea82, MB89a]. **Authors** [Ste86a, Ste86b, Ste86c, Ste86d, Ste86e, Ste86f, Ste86g, Ste86h, Ste86i, Ste86j, Ste86k, Ste86l, Sta86]. **Automated** [SDP84, AS86, FB81, SDP87]. **Automatic** [Bic87, Kai81, MG89, NB84, PZ84, BCDM89, Sal86]. **automating** [Fre85b]. **Automation** [Ber86, OL82, Rob86]. **Averaging** [CF83]. **Avionics** [Car84]. **AVL** [LP80]. **Avoid** [HT85]. **avoidance** [JM89]. **Award** [Coc88, Gre88, Fre87a, Pel88]. **Axiomatic** [Hoa69, Hoa83a]. **Axis** [Sam83].

B [DF84, Gup84]. **B-trees** [DF84, Gup84]. **B.** [Ste83]. **Back** [Ben84j, Ben86a, HH87]. **back-pointers** [HH87]. **backup** [KNT88]. **bad** [RS89]. **Balance** [CI84]. **Balanced** [ZSEG82]. **Balancing** [Gon83]. **banking** [GS85]. **Banks** [Cod70, Cod83]. **Banned** [DSK84]. **Base** [Kai81, TDP89]. **Based** [Bec82, CW89, FK85a, Has84, Kea82, LR82a, LH83, MD82, Nor83, TKM+89, Wai84, WK88, ACHS88, BGN86, BD81, DP87, Fil88, Fri85, HR85b, Isn82, JD88, SW86a, SS80, Wai85, WK89, Wey88, Wir86]. **Basic** [JY89, YL89, BM83]. **Basis** [Hoa69, Hoa83a]. **Batch** [BHK+80]. **Be** [DSK84, Sam89b, BL89, Sam89a]. **Been** [Min81, Min82, Min85]. **Before** [Dix89]. **Beginning** [BM83]. **Behavior** [Dav88, HT81, LLTvdL82, BW84, Bro80, DP87]. **behavioral** [GBL+87]. **Behaviour** [Den68, Den83]. **Benchmark** [Wei84, FW86, SD86]. **Benchmarks** [Pre88, CDV+86]. **benefit** [MT88]. **Bentley** [RHC87]. **Berkeley** [Den88]. **Berry** [HC86]. **Berry-Meekings** [HC86]. **Best** [CK80, Den81a, ES89]. **Beta** [Pea82]. **Better** [Lic83]. **Between** [Fle80, Scu89, Tur84, Wei83b, GMRY86, O'R81, SD86, SK87, Wei66]. **Beyond** [Dun81, Mil81, Pet81, SFB+87, BOBS89]. **bias** [Sch81]. **Big** [Wic84, Cha85, Fre87c]. **Binary** [CI84, Epp83, Gil80, Gon83, Gup84, Lee80, Ger88]. **Binomial** [KS88]. **Birth** [Ben86b]. **Bit** [Wic82, Hay86]. **Block**

[Che82, Luk83, WWS83]. **Bloom** [Gre82, Mul83, Ram89]. **Blue** [Fre87c]. **board** [BM87]. **Boolean** [Fin84, KLPV87, SFW83]. **Bound** [LS84, ZSEG82]. **Boundary** [DRS80, Sam80a]. **Bounded** [Lee80]. **bowl** [Fre89a]. **Boxer** [dSA86]. **Branch** [LS84]. **Branch-and-Bound** [LS84]. **Branching** [Pea82]. **Brand** [Hec88]. **Brélaz** [Pee83]. **Bresenham** [PW81, PW80]. **Brian** [Fre87d]. **bridge** [SG86]. **Brief** [Bel83c]. **Brilliance** [BF87]. **British** [SSK^{+}86]. **brother** [Cha85]. **Brown** [Pee83]. **Bucket** [QCH^{+}81]. **Buffer** [Boz84]. **Buffers** [IR88]. **Building** [Gal81, GWWJ84, BBLP86, RKM88]. **Built** [Gau81]. **Built-In** [Gau81]. **Bumper** [Ben85c]. **Bumper-Sticker** [Ben85c]. **Business** [Scu89, FM86, FMB88, FB89]. **by-product** [RS86].

C [Den88, Thi89, BM85b]. **cache** [BD81]. **cache-based** [BD81]. **Caching** [JM89]. **Calculation** [JC85]. **calculations** [LCJ86]. **Calculator** [MB81]. **Calendar** [Bro88]. **California** [Rau85]. **Can** [BL89, Ear89, Sam89b]. **capacity** [Lam88, NMF87]. **Careers** [Gei84, GB88]. **Carlo** [Bel83c, BF83, Lau84, Lau85b]. **cartography** [FB81]. **Cartoons** [MR84b]. **Case** [Dav81, GS87a, SG84b, Gru89, NN89]. **Category** [OB88, Ral81]. **Category-Partition** [OB88]. **Cauchy** [AD88]. **Causal** [Bar83]. **Caused** [Sam89b]. **CD** [Pre89a]. **CD-ROM** [Pre89a]. **Cedar** [GNS88]. **Cellular** [LR82a]. **Central** [EDF84, EDF87]. **Century** [Neu84, Scu89]. **Certain** [Kun88]. **Certification** [Lee81, Tur85]. **Chain** [San84, Dei80]. **chalkboard** [SFB^{+}87]. **challenge** [Gib89]. **Challenges** [Sle86, Lev89]. **championship** [NK89, NK88]. **Change** [Kee81, LS82a]. **changing** [Ols83]. **Chaos** [Pic88a, Pic88b]. **Chaostron** [CCZD84]. **Characterizing** [Smi88]. **Charging** [KV83]. **Charts** [Mae80]. **Checker** [Ben85a]. **Checklist** [Gau81]. **Checkpoint** [KSL84]. **checks** [Sar88]. **Chess** [NK88, NK89]. **Chi** [HP67, HP85, eL76]. **Chi-Squared** [HP67, HP85, eL76]. **Chin** [Dei80]. **China** [D'A84, WAB^{+}88]. **Chinese** [ACHL88]. **Chinese-English** [ACHL88]. **Chips** [Dix89]. **Choices** [Goo82]. **Choosing** [Lib89]. **Christopher** [Den87a]. **Chromatic** [Bro72]. **Church** [Eck80]. **Cichelli** [BF83, Cic80b, JO80]. **Circle** [BBB^{+}81]. **Circular** [Fra82, HS80b]. **CIRRUS** [GS85]. **Class** [Kun88, Wai84, Wai85]. **Classification** [LLK82, Ral81, SR82]. **Clipper** [HSS89]. **clipping** [LB83, LB84b, LB84a]. **CLOG** [NB84]. **Closed** [Fle80, WWS83]. **Clothes** [Hoa81]. **Clustering** [Bel70, Bel83b, TWBK89]. **Coalesced** [Vit82]. **COBOL** [Jal84, Jal87, Eva82, TY80]. **Cocke** [Pel88]. **Code** [Bel70, Bel83b, Ben84e, Mau83, MF82, DZ89, MP85, Ste89b, TDP89, Wir86]. **code-decode** [MP85]. **Coder** [Ben85d]. **codes** [DRS80, MS81b, Sam80a]. **Coding** [LB89, WNC87]. **Cognitive** [SBE83, Che88b]. **collaboration** [SFB^{+}87]. **Colleagues** [PSvE^{+}89]. **collecting** [Cou88]. **Collection** [Dav84a, HC84, Led86, ACHS88]. **Collector** [LH83]. **colleges** [BAC85]. **Colliding** [GMRY86]. **Color** [BBK82, Bré79, BDT86]. **color-enhanced** [BDT86]. **Colored** [SDP84, SDP87]. **Coloring** [KJ84, KJ85, Pee83, RSS88]. **colouring** [Kor70]. **Column** [Ben84b]. **Combination** [LS82a]. **Combinatorial** [LLK82]. **Combinatorially** [Kor82]. **Combinatorics** [Kar86]. **combined** [L'E88, Sez89]. **Comes** [Ano84a]. **Coming** [Fuj84, Fox89]. **Comm** [Ano80b, Dei80, RHC87, Sta86]. **Command** [BW84, LGH83, Wat82]. **Comment** [Eas82, Hou82, LW86, LP80, Man82, Sta86]. **Commentaries** [Wei87a]. **Comments**

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O [Hec88]. **Object** [Bai89a, Til84, BPR88, JK87]. **Object-Oriented** [Bai89a, BPR88, JK87]. **Objects** [LH83]. **Observations** [JC85, Pre89a]. **obsolete** [Cha85]. **obstacle** [RT86]. **Obtaining** [RSA78, RSA83]. **Occupancy** [Dav84a]. **Occupational** [INW83]. **octtrees** [Tam84]. **Office** [OL82, Ols83, Ree87]. **Old** [Den81b, Hoa81]. **Olympic** [GBL+87]. **On-Line** [Fuj84, O'R81]. **On-the-Fly** [HC84, Kes83]. **One** [BBB+81, Dwy81a, Ing81, LK84, Ros81, Wei83a]. **Ones** [PM88]. **Online** [GL83b, Hou84, Bot86]. **Open** [BHK+80, LR82b]. **Operating** [HSS80, JH83, Pec83b, RDH+80, Sto81, OSS80, Sha88]. **operational** [Zav84]. **Operations** [Jon89, Mar84, Spe82]. **Operator** [BL83, LH86, HC87]. **Operators** [Pey86]. **Opportunities** [Gro86]. **Optical** [Fuj84, YSB+89]. **Optimal** [DF84, Lou83, RA81, Dei80, LH85, SW86b]. **Optimality** [Pea82]. **Optimization** [Kes83, KSL84, PW86, DZ89]. **Optimized** [Fin84]. **order** [Dei80]. **Ordered** [Cha84]. **orders** [Koo86]. **Organick** [Lin86]. **Organization** [KV83, LK84, OL82, QCH+81, Rob81, Lan86]. **Organizational** [Kee81, KK84, Luc84, SS86a, SW89, SK87]. **Organizations** [AMY88, AR84, Luk83, WWS83]. **Organizing** [BM84, BM85a, HH87]. **Oriented** [Bai89a, BPR88, Ebe87, JK87, RW85]. **origins** [Coh88]. **Orthogonal** [Man85]. **Other** [Den84, LR82b, LR82a, JM89]. **our** [BH89]. **outcomes** [BG86]. **Output** [AV88, Ben84f, SA81]. **Overflow** [NY85]. **Overhead** [Boz84]. **Overload** [HT85]. **Overrelaxation** [AC83, Asa80]. **Overview** [Coo83, SC88, Ste85a, WAC84, Bur83, Ste85b]. **Oxford** [RT88]. **Oyster** [Ben83b].

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[D'A84, WAB+88]. **perceptions** [HR85a, NN89]. **Perfect** [Cha84, Cic80a, Cic80b, JO80, Jae81, Sag85, Bai89b]. **Performance** [And84, Ben84h, BD81, CFH+80, CMN80, Den81a, EDF84, EDF87, Fed81, HH88, HC84, Jal84, KD80, MJ89, McC82, OO80, Bel89, BM85d, CDV+86, Coc88, GS89, IHS86, Jal87, Kan89, MB89a, Pre88, Ram89, SH80, Smi88, US88]. **Performing** [Spe82]. **perils** [BMS86]. **periodicals** [Lem85]. **persistent** [ST86]. **Personal** [Den80, Ken80, MSC+86, RDH+80, WOS83, JM89, MOR+88]. **Personnel** [Bar83]. **Perspective** [Ben84h, GB88, Hay84, Scu89, SW89, Tuc84, Jal87, KK88, RE89, SG86]. **Perspectives** [FR84]. **perturbed** [GO81]. **Petri** [Gis81]. **Physics** [Lau84, MM83, PRT84, PB80, Wol84a, Lau85b, PRT85]. **Picture** [Wad84]. **Piecing** [Fre86a]. **Pilot** [RDH+80]. **Pilots** [CN85]. **Pioneer** [Fre87c]. **Pipeline** [SDP84, SDP87]. **Piracy** [MM84]. **PL** [Jal84]. **PL/1** [Jal84]. **Place** [HL88]. **Placement** [KSL84, YSB+89]. **Plan** [TKM+89]. **Planar** 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VJW87, VHC88, VL89, VR89, WG82, Weg81, Wei84, AS86, Bro80, Fil88, GG85a, HR85a, Heh84a, HHH+87, HHJ+87, HC88, JK87, Kow88, Lis88, San85, Sta86, Wir85]. **Programs** [And81, BB81, Ben83c, Ben83d, CW89, Cro81, MAB+81, Nun81, NCD82, Pet80, SH82, Tay83, Tur80, Bas85, BI87, BAC85, BM85b, Coh82, Gut88]. **Progress** [SR84]. **Project** [AHM83, Gou82, Sha83, SJM+87]. **projects** [CM88, MG85]. **PROLOG** [CG86, ACHS88, Coh85, Coh88, Col85]. **promise** [BMS86]. **Proofs** [And81]. **proper** [Bro80]. **Properties** [LR82b, LR82a]. **Property** [LS82a]. **Proposed** [Lee81, Ral81, Bur83, Efe87]. **prosthesis** [GL84]. **protected** [Sam89a]. **Protection** [Bic82, Gra84, JY89, LY89, MM84, YL89, Yoc89]. **protein** [LWS87]. **protocol** [EGL85]. **Protocols** [DS81a]. **Prototype** [GKW85, TY80, CM88]. **Prototyping** [Ala84, MC83]. **Provide** [DSB84]. **Pruning** [Pea82]. **pseudocode** [Rob86]. **Pseudonyms** [Cha81]. **Pseudorandom** [FT83, Tez87]. **Psychology** [MB81]. **Public** [Boo81, Cra87, Den84, DR89, RSA78, RSA83, BBB+81, DB81]. **Public-Key** [Den84, RSA78, RSA83]. **Purpose** [CG88, JK83, PRT84, Tay83, PRT85]. **Pygmalion** [SAC86].

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