A Bibliography of Publications about the *Fortran* Programming Language: Part 2: 1981–1989

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[Hof87].

(a, a') [SR84a, SR84a]. (a, b) [SMD84, SR84a]. $(a, b\gamma)$ [SMD84, SR84a]. $(a, b\gamma - \gamma)$ [SMD84, SR84a]. (a, γ) [SR84a]. $(a, \gamma - \gamma)$ [SR84a]. $(r_\infty, n_{1/2}, s_{1/2})$ [Hoc85]. $(r_\infty, n_{1/2})$ [Tem89a]. 2 [Zak84]. 3 [Zak84]. 9 [RRC89]. $^{-1}$ [KW87b]. $^2\Sigma$ [Nai84, Nai86]. $\mathbf{Ax} = \mathbf{b}$ [BS81a, BS81b, BS81c]. F [YK88]. $f(x)$ [Gaf83b, Gaf83c, Gaf83a]. H_p [SSS84a, SSS84b, SSS84c]. $\mathbf{Ki}_n(x)$ [Amo83a]. $\int_0^1 t^{-1} \log^{n-1t} \log^p(1-t)dt$ [Köl82]. j [RRC89]. $J_n(x)$ [Col84b]. L_1 [Abd80]. $\mathbf{Q}$ [Gra86a]. dif^{-1} [KW87a]. $r \times c$ [MP86a, MP86c, MP86b]. SU(3) [AD84]. t [YK88].

-carotene [Wyl86]. **-estimators** [KW87a].

/370 [Ehi82].

1 [Ber82a, Cra83, EH81, Ess88, Fog85, Fog87, Fog88, Pet83, Res86, hTD88, Tem89a, Tem89b, WSL88]. **1-port** [hTDT88]. **1-VX** [Ess88]. **1.0B** [Zho89]. **1/2** [SDH84]. **10** [BK88]. **10/** [Dig83, Dig85a]. **100/200** [MMM85]. **10R1** [Spe82]. **11** [AEL+86, Cla89, CP84, Cli84, Dig82a, Dig82b, Dig82d, Dig82c, Dig82e, Dig82f, Dig84e, Dig88a, hHtM81, Hue83, Mic83, Sul88, Wie82]. **11/** [sT85]. **115** [CL83]. **117** [WH87]. **11R1** [Spe85]. **11th** [VV86]. **128K** [Mic84f]. **16** [hH82, Sho85]. **16-Bit-Rechnern** [Kal85a].

164 [Tou84]. **165** [Stu81a]. **16BST** [Kaw84]. **172** [OM82]. **192** [Joh83]. **1978** [AC87, Com89, RH84b]. **1980** [Bis81]. **1981-01** [IEC81]. **1982** [Jap82, Mor82]. **1985** [Ame85d]. **1985-12** [IEC85]. **1988** [Wri89]. **1988-12** [IEC88]. **1989** [Com89]. **198O** [Fri84]. **198X** [AC87, Com89, Ame87b]. **1a** [Cha86a].

2 [AGS88, Ano87a, AS89a, AS89b, Bai87, Ber88b, Cal86, HV83, Int88c, LtW88, LCH+88, SS88]. **2-CPU** [Hoc85]. **20.00** [Wil87b]. **200** [BK88, MMM85, VH87]. **205** [BK88, LtW88, LW88b, Riz85, sT85, VSH83]. **25th** [AW82]. **2B** [KGRY81]. **2C** [GKRY82, KRYG82b, KRYG82c, KRYG82a, KRYG82d]. **2E** [CM81a]. **2nd** [HF81, RWA84, Rod84].

3 [Gre88, MS84b, Sch84c, Sch84d, Sch84e, Sch84b]. **3-D** [Kli89]. **3000** [Wie86a, Wie86b]. **3090** [AC86, ALPC88, Car88b, GSZ88, RV89]. **3090/VF** [ALPC88]. **32** [Cro87a]. **32k** [Kal85a]. **360** [Int83c]. **370** [ACG+86, Chi85b, Chi86a, Int83c]. **370-III** [Int85b]. **3A** [Con81b]. **3d** [RWA84, Rod84]. **3L** [Cul88]. **3rd** [APD86].

4 [Hei83]. **4-circle** [Tho84e]. **4.1M** [Dig85b]. **40** [WSL88].

5726 [Int83b]. **5726-FO1** [Int83b]. **590** [Van82]. **5th** [IEE81].

6 [Hon81b, SM84, SK83]. **6/VM** [Hew85]. **60** [Fog85, Fog87, Fog88, Res86]. **6000/B** [Bur81b]. **646** [Cra86a]. **65-110** [Ass83b]. **654** [DM87b]. **658** [LK88]. **66** [BP81b]. **664** [Sch88a].

'77 [KK89b, LHP87, LH87, PDA83a, PDA86, Wat82a, Wat82b, AM81, AS88b, AG87c, A+81, AHH89, BS88a, Bee81, Bee85b, BS86a, Bez88, Boi84, Boi87, Bor85b, Bor85a, Boy89b, BGG85a, Bru86, Bur87, Chu88, Col83, DH88a, DH88b, DKG89a, Edg89b, EE84, Ell83, Ett84a, Fen87b, Fen87a, FGGF86, Fuo86b, Fuo86c, Fuo86a, GY82, Gro83, Hah87, HRC87, HB83, HH85, Wor84a, Kat82, KL83a, KL83b, KL85a, KL85b, KF87, Lah88a, Lah88c, Lah88d, Lam81, Lam86, Lan88, Law83, Leh86, Leh83a, Mar83a, Mar83b, Mas83, Mas87, McC84a, MS88c, McK85b, Mei84, Met85a, Mey84, Mic84e, Mic84f, Mil87a, MA89, Mon82c, Mon89b, Mos88, Nan81b, Nic85b, NEM84, NL83, NL88, OK87, Pag84, Pol81, Pol83, Pru87, Rat87, Rou83, Rou86, Rul83a, Rul83b, SM88b, Sch87c, See81b, Smi85e, Sne88, Wor84b]. **77** [Weh85, Wor88, Wor89a, Wu83, Edm86, McC84c, MS88b, Nad86, RB82]. **77-beginning** [YS84c, YS84d, Mic84f]. **77-Beginning/Book** [Mic84f]. **77-Programmen** [Mey84, NEM84]. **77/SFTRAN3** [Bee81].

8 [WSL88]. **8.25** [Edm86]. **8.95** [Cou85a]. **80** [Bel84, EML88, McN83]. **8088-based** [Sho85]. **'82** [AW82, ACM82]. **820/80** [EML88]. **'84** [ACM84, Van84a]. **86** [Int85a]. **8651-1** [IEC88, ISO88]. **'87** [Dav89, ACM87, Wex87]. **'88** [Gia89, IEE88a, IEE88b, ML88]. **'89** [ACM89a, ACM89b, Gon89, Voe89]. **8x** [BBB+83, Smi83b, X3J89, AR87, Ber85b, Com89, Cha87a, Dol88, Edg89a, Edg89b, Ful87, Ame89b, Lah87a, Mei87, Mei88, Mei89a, Met87a, MR89, Miy87, RW85, Rei87a, Rei89a, Rei89b, Smi85a, ANS89, AKLS88, BBG+82, BBG+84, Bur86a, LCH+88, MR87, MR88, Ros87, Smi83c, Smi87a, Smi87b, Smi88a, Smi88b, Ull85, Ull86].

9./10 [Wös82]. **9.95** [Cou85b, Nad86].

= [hC83, KS81c, sKcH81, MF84].

A-series [Bur85b]. **A.G.A.** [RH84b]. **A.N.S.I.** [Lav83]. **A1** [Bre78b, Bre79]. **abend** [Bin85]. **above** [Dun88b]. **abridgement** [Miy87]. **absorption** [ZGS89]. **abstract** [BCF+88]. **Abstraction** [Isn82, MMS88]. **abstractions** [Sus86]. **Academic** [Wil87b]. **academy** [JBT83]. **Accelerated** [GKRY82, KGRY81, KRYG82b, KRYG82c, KRYG82a, KRYG82d]. **Accelerator** [AB89, GKKY89]. **Access** [BRK+87a, BRK+87b, BRK+88, BDS88b, BDS88a, KW89, Sch88a, BK89, BDS88c]. **accessible** [Pay84a, Pay84b]. **Accessing** [Hay86, LIN88]. **Accompany** [CM84b, APD86, BW84, BW87b, BGG85b, CM81a, DH82, DP84c, Ett83a, Gri85, HB81, JSW85b, MSR87, McC84c, MS88b, Moo82a, Nic85c, PDA83b, RZ89b, RWA84, Rod84, WAD81, Wei86a, WB85]. **According** [BBB+83, Vu 89]. **Accuracy** [Don82a, Don82b, JW86]. **acid** [LB86]. **ACM** [Gon89, POP82, Van84a, Wex81, Ham85, HM90, RH84a]. **ACM-SIGSAM** [Gon89, ACM89a]. **ACRITH** [BRK+87a, BRK+87b, BRK+88, JW86, KW89]. **Across** [BSP83]. **activation** [YHKM89]. **Activities** [Noh84]. **ADA** [Bro89d, Gra88, Rel89c, Rel89a, Wil87a, Boo81, Bro89a, Bro89b, Bro89c, DAG+88, DM89a, FSO89, Lev89, Mor81a, PBB+88, Rud83, Sch82a, SW83, Whi81a, Whi81b]. **Adam** [La 87]. **adapt** [Jac85b, Jac85a]. **adaptation** [MW84a, MW84b, TMjC81, Tew81]. **adapted** [Kir89]. **Adapting** [Gro87]. **Adaptive** [Ash85a, GKRY82, KGRY81, KRYG82b, KRYG82c, KRYG82a, KRYG82d, Ash85b, Ash85c]. **Adding** [MMS88, Owe86]. **Addison** [Cou85a, Rid82a]. **Addison-Wesley** [Cou85a, Rid82a]. **Addressing** [DD86, Hol87a, Hol87b]. **adjustments** [Don83c]. **administrator** [YS84a, YS84c]. **adolescents** [BS86b]. **ADS** [Van84c, Van85]. **Advanced** [Edg89a, Edg89b, LOU86, PW86, BS88c, DSCP88, Int86c, IBM89b, Mic89b]. **Adventures** [JBT83]. **aerial** [LZ82]. **aerodynamics** [Dun85a]. **aeromagnetic** [Gra86b]. **AFNOR** [Ass83b]. **AFOS** [Mac81]. **after** [AS89a, AS89b]. **Afterword** [Bac84a]. **Aftran** [CRV+89, Vag89]. **age** [Mar81]. **agricultural** [Don83c]. **AHEAD** [AEV89, dEV89]. **AI** [Ano85a]. **Aid** [BDS88b, BDS88a, CSD83, DBFK89, BDS88c, BDS89, KK89b]. **Aided** [Rao86a, Rao86b]. **air** [Wal85]. **aircraft** [ADP88, DPA87, EIT85, Kip82]. **airfoil** [DS82, kK89c]. **airfoils** [HL82a]. **Airy** [SJB83a, SJB83b]. **AIRYROOT** [SJB83a, SJB83b]. **AIX** [Int88c, Int88a, Int88c, IBM89b]. **al** [CS84, CM89, FK84, HRH81, HRC89, aHH83, McC85c]. **al-barmajah** [aHH83, McC85c]. **al-Fortran** [McC85c]. **al-Musaid** [aHH83]. **Alamos** [ZDS81a]. **Algebra** [Ber87, BD89, Dav89, DG82, Dod83, Don83a, DDHH84, DCHH87, DCHH88a, DCHH88b, DCHH88c, HK87a, HK87b, LHKK79a, LHKK79b, LN88b, LN88a, Pra89, DDDG89, DCHH85, LN87, Pra89]. **Algebraic** [ACM89a, GKKY89, Gia89, Gon89]. **Algebraic-Numeric** [GKKY89]. **Algol** [Baj81, Fog85, Fog87, Fog88, Osi82a, Res86, Sch82a, Smi81, Smi83a, DM85, Osi82b, SMD84]. **ALGOL-60** [Fog85, Fog87, Fog88, Res86]. **Algorithm** [Abd80, Amo83a, Amo83b, Ash85a, AFS94, Ban78, BS81a, BS81b, BA85b, BA85c, Bre78b, Buc81a, Buc81b, Cas89a, CY89, CHPS85, Cod88, CGM84b, CGM85b, DFK83a, DM89a, Don82a, Don82b, DE84, DCHH88a, Dur80, EK87b, Gaf83b, Gaf83c, GGLM88, GKRY82, HK87a, HPB84, Hig88b, HMR85a, HMR85b, IZP81, JBJ84, Kah80,

KRYG82b, KRYG82c, LHKK79a, LN88b, MP86a, MP86c, MC80, MGH81b, RH84a, Sau83b, Sau83c, Sch88a, She78, SSS84a, SSS84b, Sim76, Ste76, Stu81a, SS79, VVV89b, Wil83, Zak84, Ash85b, Ash85c, Bai87, BHK+85, Dun87b, FS86a, Gen82, IA89, Kem87, Lec89, LtW88, LN87, McD89, Min88, PC89, PW84, Son83, The88, Tod85, Wit81, Bre79, Buc82, CL83, Cra86a, DM87b, DFK88, DG82, Dod83, FW82, Fut78, GL90, Ham85, HK87a, HK87b, Hig89, Hig91, HM90, LK88]. **Algorithm** [LN88b, LN88a, OM82, PCK84, Sch88a, Sim76, Ste79, Stu81a, Van82, WH87]. **Algorithmen** [San82]. **Algorithms** [Ana87, Cal86, DM85, Don83a, DBFK89, Gea86b, Gea86a, Ham85, HM90, JGD87, Lau86, Leh86, OM82, RH84a, Stu81a, Car89a, Car88b, vC87, FJS85, GQ88, Hil82a, Hil82b, Joh86, Jor86, MMM85, RS87, Swa84, TMS88a, TMS88b, Wee86]. **Aliasing** [Ana87]. **Alliant** [Cod86a, WSL88]. **Allocation** [Gol84, BCKT89, Dob85]. **Almost** [DFK83a, DFK83b, DFK88, DFK81]. **along** [EIT85]. **alpha** [SDH84]. **Alternate** [CM81a, DFK83a, DFK83b, DFK88, Wil84, DFK81, Ful87]. **alternative** [Tay84]. **Alternatives** [MB81]. **Amdahl** [CB82]. **amelioration** [Gra88]. **American** [Com89, DH82, DH83, DH84a]. **amounts** [McK83]. **analitik** [Osi82a, Osi82b]. **analog** [ZGK88]. **analyse** [O'R81, (??84, Tri84, (??87, Tri89]. **analyses** [FMH85]. **Analysing** [HO89, CSC+86]. **Analysis** [ACK86a, AL81b, Ban88, BSP83, BDS88b, BDS88a, Chi86a, DAG+88, Ell82c, Eve85, Fen87a, FN85, GBJ81, Har89, IA84, KKRK85, LK88, Mur86, MSA86, OK87, RT85, Spa85b, Spa85a, Tsu85, AI88, ACK86b, ABC+88, And89, AL81a, ALPC88, AEL+86, AM89b, BZ85, Bli89, BDS88c, CK86a, CB86, CDHP86, CKT85, CK88, DS82, EH81, Ell82d, Fen87b, Fri84, HL82a, Hua82, IMS87a, IMS87d, IMS87l, IMS87m, IMS87k, IMS89a, IMS89f, IMS89g, Lib89c, IMS89m, IMS89n, JT88, Kem87, LB86, LN89, LKM88, Mal85, Mat83a, Mat83b, McD89, Mul88, MT84b, Ngu81, Pay84a, Pay84b, PS84, RS89, She89b, Shi88, Smi87a, Smi87b, Smi88b, Son83, Tan86, Tan88, Tan81a, Tan82, TPR85, Tho82b, Thu86, Wal3 , Wan86, WM85a, vM84a, vM84b]. **Analytic** [EW87]. **Analytical** [MHK86, Hue83, KWWK86]. **analytically** [Bar89]. **Analyzer** [Fed82b, Ell81b]. **Analyzing** [DS86b, DS87b, DS86a]. **ancestral** [Vu 89]. **Anecdotes** [Tro84]. **anemometry** [Owe87]. **Angeles** [Wex81]. **angepaßtes** [HS81]. **angles** [The88]. **angular** [CDW82, CDW84, RV84, RRC89, SDH84]. **Ann** [IEE81]. **Anniversary** [AW82]. **Annotated** [Lee84b]. **Annual** [POP82]. **ANSI** [AC87, Ano82a, BP81a, KK89b, Ame85d, Ame87b, Ano89, BP81b, CwL83, Col83, Col87a, Ehi82, Kha81, Law83, NJLB81, mT82b, Wie86a, Wie86b, Wu82a, Wu82b, Wu83]. **Ansprache** [Kna84]. **Answer** [Pag87]. **ANSYS** [HMB+88]. **antennas** [Ric82b]. **Antennenfeldern** [Sch84f]. **Anweisungen** [Ano82a, Ehi82]. **anwendungsorientierte** [NEM84]. **AOS** [Dat84, Dat85a, Kir89]. **AOS/VS** [Dat84, Kir89]. **apertures** [Bai89]. **APL** [Ber82a, Chi85b, Chi86a, DO86, Fog85, Fog87, Fog88, Kar87a, Kar87b, Res86, Smi81, Smi83a]. **APL/370** [Chi85b, Chi86a]. **aplicaciones** [Bor89]. **APPLE** [cC84b, BB82, BBuC84, DB82a, Gee86, Gre85, HF81, Kri83, hK85, Pre89, VN89b]. **Application** [Bin85, Int88b, IEC85, Mar84b, Ull85, Ull86, Vor89, Int81a, Int81b, Int81c, Int81d, Int82g, Int82h, Int83d, Int83e, Int83f, Int83g, IBM88, Int88d, She89b, Wyl86, ZGK88, BBB+83]. **Applications** [AM89b, Cor88, DR86, Gea86b, Gea86a, Hig88b, Hig88a, Hig89, Hwa84, IBM86, IEE88a, Jur86, Kow85,

LCMM88, Lin83, Mil87a, Moo82b, Mos88, Nor84, Ril83, See81b, Wu83, BK84, Bel84, Car89a, EP81b, Gro89, IMS87a, IMS87b, IMS87g, IMS87e, IMS87f, IMS87n, IMS89a, IMS89b, IMS89c, Lib89a, IMS89h, IMS89i, IMS89j, IMS89k, JS88, LPJ83, LP87, Mil87b, Moo82a, Moo86, Moo88a, RZ89a, RZ89b, See81a, VV86, Wu82a, Wu82b]. **Applied** [AM81, AM84, Boy84b, JSW85a, Lew81b, Sch81b, SB82, Sch85c, SB86, BR89a, JSW85b, Lew81a, Hue83]. **appliquées** [GB83, GB89]. **Applying** [Mar84a, Not89]. **Apprendre** [Del82, Del83, Del85]. **Apprentice** [Wor84a, Wor84b]. **Approach** [BCM87, BS81e, Col83, Col87a, CSD83, CM83a, CM87, Ell83, Fen87a, Fis83, Nan81b, Nic85b, Rul83a, Rul83b, Smi85e, WN87, BS81f, CK86a, CC84a, CwL83, Cou85a, CM83b, DKG89a, DKG89b, Ell82e, Fen87b, JT88, JBT83, Key81, Kha81, KS82b, KM83, Leh83b, LH81, MP81, MSR87, Nan81a, Nic85a, Nic85c, Sas83a, Sas83b, Smi85d, SR87, Mil82b]. **Approaches** [GL86]. **approche** [Str82, Str85]. **approximating** [Dun85a]. **Approximation** [HYP87, Uni84d, Dun80, DZ87, Dun87a, DZ88, Dun88a, Dun88b]. **approximations** [Gen82]. **AQUIFER** [VMS81, Cza83]. **AQUISM** [VMS81]. **Arbitrarily** [Ren84, Sav87]. **Arbitrary** [YF85]. **Arbor** [IEE81]. **ARCECO** [DFK83a, DFK88]. **archetype** [Gra88]. **Architectural** [SAB88]. **Architecture** [Par86a, Wat87, CGMW88, IBM88, Par86b]. **Architectures** [CT86b, CT86a, DSCP88]. **archive** [Kle89b, Kle89a]. **ARCPRINT** [Kle89b, Kle89a]. **Ardent** [Cod89]. **Area** [YF85, Boy84a, She89b]. **areas** [BT83]. **Argonne** [BH89]. **Argonne/GMD** [BH89]. **Arguments** [GF81, FCG83]. **Arithmetic** [BBG$^+$82, BBB$^+$83, BBG$^+$84, Bre78b, Bre78a, Bre79, BHY80, BW89, CHH81, CHH83, Cor88, IEE81, JW86, Sch81a, Ull85, Ull86, Vel82, WLO76, Cor82a, Cor83, Hym82]. **Array** [Bro81a, PS81, AKLS88, Bai89, Bro82a, Hsi83, RW85, The88, Vag89, CRV$^+$89]. **array-fed** [Hsi83]. **arrays** [EL81, GH87]. **arrival** [The88]. **Art** [Num88d, PFTV86, WB89, Pre88b]. **Artificial** [Gus84, IEE88a]. **Artin** [Gra86a]. **ASCII** [Ano82b, Ano85c, Spe82, Spe85, SDC82, Uni84d, Uni84e]. **askfor** [LO85b, LO85a]. **Aspects** [Wri89]. **Assembleur** [Ber82a]. **assembly** [Joh86, Bin85, Egg83]. **Assessing** [EP87a, EP89]. **Assessment** [Sim86, Boy84a, Sim85, Sim88b]. **Assessment/F2812** [Sim86]. **Assignment** [BD80, Bur81a, NJLB81, PC89]. **assignments** [SDH84]. **assistance** [BD80]. **assistant** [Smi88d]. **assisted** [Le83, Lee85]. **Associated** [Chu88, Bod87, FDL86, PRWB89]. **Association** [Sof83b, Sof84, Usr82]. **Astronomical** [Gui89]. **Asymmetric** [HPB82]. **Asynchronous** [Wri89]. **atmospheric** [EIT85]. **ATOMCC** [Cha86b]. **ATS** [Seq89]. **attached** [Iwa84]. **attraction** [SJB83a, SJB83b]. **Aufstellung** [RAKK88]. **Auftragsabwicklung** [Ste87]. **Aufwaertsuebersetzung** [CLW81]. **Aug** [Rei89c]. **AUGMENT** [BHY80]. **August** [MSM84, VV86, Wri89, Rei87b, Smi83b]. **Auswertung** [Lep86]. **automata** [KS81c]. **Automate** [Ano85a]. **Automated** [Aha85a, Aha85d, Gab89, GBJ81, Sch89e, Var85, Van84c, Van85]. **Automaten** [KS81c]. **Automatic** [AK84, AK87, Arn82, BCF$^+$88, Gro89, Har89, HKP88, LG86, Maa89, MT82a, PBB$^+$88, PB86, Pol87, RW89, SR88, Tan86, Tan88, Thu86, TFI86, vvHG87a, vvHG87b, Bat85, Bli89, CGQS89, Gat85, Gin82, KS88, LCH$^+$88, Pet89, Sis85, SP87, Wan86, Wee89, ZBG88, vM84a]. **Automatically** [NE89]. **AUTOSCAN** [PRL$^+$85]. **Availability** [Tsu85, Joh85b]. **available** [BT83]. **Avionics** [Mar84b].

avoids [Mei89d]. **awareness** [Owe86]. **axial** [Tho81, Tho82a]. **axially** [Per81]. **azimuthal** [The88].

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Ett83b, Ett87, Eva81, Fed81, Fre83, Fed82b, Fen87b, Fog85, Fog87, Fog88, FDL86, For82b, FR82, FE82, Fra84a, Fra84b, FMH85, FK81, FK84, Fri84, Gaf83b, Gaf83c, Gaf84, GRB88, GGLM88, GL90, Mer86, Mer88a, Gat82, Gee86, GSZ88, GC84, GMW86, Gla88, GH87, Gol84, Goo89, Gra88, Gra86a, Gra84b, Gra86b, Gre84, Gre81, Gri82]. **FORTRAN** [Gro89, GQ88, Gui81, GF81, Hew85, Hew86, HO88, HL82a, HRH81, HRC89, HK87a, HS83, Har86b, Har81, HM82, Har85, HS86, Hay86, Hea81, Hei84, HS81, HPB84, HL82b, Hig88b, Hig89, Hig91, HW86, HF81, HL86b, Hof87, HP89, Hon82, HB81, Hon81b, Hon85, HG83, Hou83, Hsi83, hH82, Hua82, kH84, HPB82, Hud88a, Hud88b, Hue83, Hug84, aHH83, Hym82, Int82b, Int82c, Int82d, Int82e, Int82f, Int82g, Int82h, Int82i, Int82j, Int83b, Int83d, Int83e, Int83f, Int83g, Int83h, Int83i, Int84b, IR84, Int84c, Int84d, Int85b, IBM85, Int85c, Int85d, Int85e, Int85f, Int85g, Int85h, Int85i, Int86a, Int86b, Int86c, Int86d, Int86e, Int86f, Int86g, Int87c, Int87d, Int87e, Int87f, Int87g, Int87h, Int87i, Int88b, Int88e, Int88f, Int88h, Int88g, Int88i, Int88j, Int88k, Int88l, Int88m, Int88n, Int88o, Int88p, IBM88, Int88d, Int89a]. **FORTRAN** [Int89b, IBM89a, Int89c, Int89d, Int89e, Ion84, Int81e, IEC85, IEC88, IMS82, Lib84a, Lib84b, IMS84, IMS87a, Lib87, IMS87c, IMS87b, IMS87d, IMS87g, IMS87e, IMS87f, IMS87j, IMS87h, IMS87i, IMS87l, IMS87m, IMS87k, IMS87n, IMS89a, IMS89b, IMS89c, Lib89a, IMS89d, IMS89e, IMS89f, IMS89g, Lib89c, Lib89b, IMS89h, IMS89m, IMS89i, IMS89j, IMS89k, IMS89l, IMS89n, ISO88, IS84a, IS84b, ISJ85, IZP81, Ame85b, Int85a, IA89, Iwa84, Jap82, JR81, JSW85b, Jan84, JC82, Jia86, JK82, Joh81, Joh83, Joh84, Joh87b, Joh87c, JC88, Jus88, Kah80, Kal85b, KP86, KWM88, Kee88a, Kee88b, KJM89, KD84a, KD84b, Kem85, Kem87, KWWK86, Ker82, Ket85b, Kha81, Kie86, KRYG82b, KRYG82c, Kip82, Kir89, KK89b, Kle89b, Kle89a, Kne81, KTW84, Knu84, KF87, KF88, KM89, KW89, Kre88, KS82b, KW84, Kul83, sKcH81, hK85]. **FORTRAN** [LZ82, Lag85, Lah86, Lam89, LB86, LD87, Lee84b, Lee84a, Lee85, Lee84c, LP85a, Ler83, LH81, Lew81a, Lew82a, Lew82b, LOU86, iL82, LcY83, Lio85, LN87, LN88b, LO85b, LKM88, MAT89a, MAT89b, Mic83, Maa89, Mac81, mM84, Mai81a, Mai81b, Mai87, MRS84, Mal85, Man82, Mar82a, MR83, Mar83c, MP81, MMM85, Mat83a, Mat83b, McA86, McC86, McC84b, McD83, McG87a, McG87b, McG84, McK83, MP86a, MD88, Rod87, MP86c, Mer81, Met86, Met87b, Met89b, MH82, Mic81, MI82b, MI84, Mic84a, Mic84c, MZ84, Mic84b, Mic84d, Mic85c, Mic85b, Mic85a, Mic85e, Mic86, Mic87d, Mic87f, Mic87e, Mic87a, Mic87b, Mic87c, Mic88, Mic89a, Mic89b, Mic89c, Mic89d, MHS81, Mil82a, MMS88, Mon83, Moo82a, Moo86, Moo88a, MGH81b, Mor84, Mor81a, Mul85, Mul88, Mye83a]. **FORTRAN** [Mye83b, Num83a, Num83b, Num84a, Num84c, Num84d, Num87, Num88b, Num88c, Num85c, Num88d, Num89, Nag81a, Nag81b, Nag85, NL85a, Nan81a, NM85, NJLB81, Tha89c, Nic82, Nic85a, Nic85c, Noh84, NSB2 , NL85c, NL85d, O'N81, OO86, Osi82a, Osy84, Ott87, Owe86, Owe87, Pee84b, Pee84c, Pee84d, Pee85a, Pee85b, Pee85c, Pee85d, Pee85e, Pee86, Pee89, Pag83, PDA83b, Pag87, Par86a, Par86b, PBB$^+$88, Pat89, Pay84a, Pay84b, PM87, PA84, Per81, PS82, PS83, PCK84, PB86, PMBK82a, PMBK82b, PF85, Pol82, Pra89, PFTV86, Pre87b, Pre89, PRL$^+$85, PP85, Res86, Rel83, Rel86, Rel88, Rat89, Rel89c, Rel89a, Rel89b, Rel89d, Rad83a, RRS88, Rao81b, Rao81a, Rao83, Rap82a, Rap82b, Rap82c, Rat81, Rat86, Red86, Red82, RW85, RAKK88, Rid82a, Rid82b, dR87, Rin83, Rob82, RG85, Roc86, Rod86, RL81, Rom81, Ros84].

FORTRAN [RMS82, RH84b, RB83, Roy88, Rub83, Rus87, Rzy84, Sof83a, SH88, Sas83a, Sas81, Sau83b, Sau83c, SPS84, Sav87, Sch82a, Sch82b, Sch86, Sch84a, Sch85a, Sch87a, Sch87b, Sch89a, Sch83b, Sch89e, Sch88c, Sch81b, SB82, SB86, See81a, Seq89, Sha87, Sha89, SK83, She89b, SS84, SSS84a, SSS84b, SJB83a, SJB83b, SD89, Sim85, Sim88b, Sin81, SP85a, SP85b, SIR82a, SIR82b, Sis85, Sla87a, Slo88, Smi81, Smi83a, Smi84, Smi83b, Smi85d, Smi85b, Smi85c, Smo89a, Sne88, Spe82, Spe83, SP84b, SP84c, SG88, SR86, Sto85a, Sto85c, Sto85b, Str85, Stu81b, Sul2 , Sul88, Sun84, Sun85, Sun86a, Sun86b, Sun88b, Sym85, Sym86, Sym88, cT81, cTcT84, TU81, TSU88, Tan83a, Tan85a, Tan85b, TPR85, Tat87, TS88, Tel82, TMS88a, TMS88b, Tew81, TBM85, Tha89a, Tha89b, The88]. **FORTRAN** [Tho81, Tho82a, Tho82b, Tho84a, Tho84b, Tho84c, Tho84d, Tho84e, mT82b, Tod85, Ton82, TPS$^+$88, (??84, Tro84, TR84, sT85, Uni86a, Uni82a, Uni82b, Uni82c, Uni81b, Uni83b, Uni85a, Uni84a, Uni84b, Uni81a, Uni83a, Uni85c, Uni83c, Uni86b, Ull84, Div85, Van82, VLV$^+$86, Van84b, VVV89b, Van84c, Van85, Var85, VMS81, VTP89, VN89a, VN89b, VL81, VH87, Vu 89, WH87, WG84, Wal3 , Wal81, Wan84, yW85, War86, WB89, Wat86, Wat82a, Wat82b, Web88, Wee86, Wei86a, Wei86b, WD81a, WD81b, Whi81a, Whi81b, WM85a, WB85, Wie83, Wie86a, Wie86b, Win85, Wu82a, Wu82b, WF85, YK88, jYsS89, YS84a, YS84b, YS84c, YS84d, fY84, dZ86, Zim86, ZDS81a, ZDS81b, ZSD82a, ZSD82b, ZGS89, Zwa81, Zwa85, dB82b, dEV89, vvHG87a, vvHG87b, van86, SL82, HB84, Ass84]. **Fortran** [Ass83b, AC87, Adv86, Abe89, AR87, Ada89, AW89, Adm84, Adm85, AM81, Aha85a, Aha85d, Ain89, Air77, AD84, AS88a, AS88b, AKLS88, Alc82, Alc83a, Alc83b, AK81, AK82, ACK86a, ACK86b, AK87, AP87, APD86, And84b, AL81b, AG87a, AG87c, Ano81a, Ano82a, Ano82b, Ano83, Ano85c, Ano87a, Ano87b, Ano87c, Ano87e, Ano88c, A$^+$81, AHH89, Aya84, Baj81, Bal85, Ban78, Bar84, BS88b, BS88a, BK84, BS81c, BG82, BSP83, Bau82, BL83, BR89a, BS86a, BA86, BS81e, Ber82a, Ber85a, Ber89, Ber84a, Ber84b, Ber85b, Ber88b, Bez88, Bez89, BMS84, BB82, Bli89, Blu78, BKK$^+$81, BBG$^+$82, BBG$^+$84, BS86b, Boi84, Boi85, Boi87, BDJ$^+$89, BKL89, Bor85b, Bor85a, Bow82, BA85a, Boy85b, Boy89b, BGG85a, BGG85b, BR89b, BK88, Bre78b, Bre78a, Bre79, BDS88b, Bri85, Bro81a]. **Fortran** [Bro82a, BS83, Bro82b, Bro84b, BH85, Bro85, Bru84, Bru82, Buc81c, Bur81a, BJ81a, BJ81b, BJ84a, BJ84b, Bur86a, Bur86b, Bur87, BP81b, Com89, Con81b, Con82a, Con83a, Con85a, Cal83, Cal89b, Cal89c, Cal89a, CF85, Cas89b, Cas81, CS83, CCN$^+$79, CD84, CRV$^+$89, CDW82, CDW84, Cha87a, Chi85b, Chi81, Chi86b, Chi88, CC84a, CK86b, CR84, CCHT89, Cla86a, Cla86b, Cla86c, Cla89, Cod86a, Cod89, Col83, Col87a, Col82, CGM84b, Col84b, CGM84a, CGM85a, CSD82, Cor82a, Cor83, Cor82b, CSD83, CM84b, CT86a, CT86b, CM83a, CM87, Cra83, Cra84, Cra86b, Cra89a, Cra89b, Cre89, Cro87a, Cro85b, Cza83, DB82a, Dig82a, Dig82d, Dat85b, Dav81a, Dav84a, Dav81b, DH84a, Dav86, DH88a, DH88b, Del82, Del85, Del88, Den84b, DF89, DKG89a, DM87a, DP81, DP84a, Dil85, DM89a, Dob85, DG82]. **Fortran** [Doe88, Dol88, DJM87, Don81, DS86a, Don83b, Don84c, DDHH84, Don84d, DCHH85, Don85a, DD86, DS86b, DCHH87, Don87a, Don87b, DS87b, Don88b, Don89, DM87c, Dre81, Dub84, DR82, Dun80, Dun87b, Dun88a, Dur83a, Dur83b, DLS84a, Edg89b, EL81, EE84, EK87a, Ell82c, Ell82d, Ell83, Els82, Enc87, Ett83a, Ett84a, EP81a, EP81b, EP87b, Fed82a, FS86b, FW83b, FW83a, Fen87a, Fis83, FW82, Flo89, For82a, For85, FSO89, Fre81, FKSS81, FGH81,

Ful87, Fun86, FGGF86, Fuo86b, Fuo86c, Fuo86a, Fut78, Gra85, Gaf83a, GY82, Gic88, GMPW79, GHM+86, Gil86, Got84, GB83, GB89, Gra84a, Gra81a, Gre88, Gre86, Gre85, GDK89, Gri85, GKRY82, Gro83, Gru88, Gue86, Gui87, Gul86, Guz87, Guz88, GPHL88, GPHL90, Hah87, HG82a, HR83a, HRC87, HA83, HK87b, Har86a, HWS+88, Her81]. **Fortran** [HM81, HM84, HL82c, Hig88a, Hig86, Hil81, HO89, HL86a, HB83, Hon81a, HK84, Hop81, Hos88, HK83, HPR81, HR83b, HR83c, HR84a, HR84b, HH85, Hur82, Int81a, Int81b, Int81c, Int81d, Int82a, Int83a, Int87a, Int87b, Int88a, Int88c, IBM87, IBM89b, Wor84a, IA84, Ame89b, Int84a, Isn82, Jac85b, Jac85a, JS88, Jam86a, Jam86b, Jan88, Jes82, Joh85a, Joh85b, Joh86, Joh87a, JL81b, JC89, KW87b, KW87a, Kal85a, KK89a, Kan88, KB88, Kat82, Kaw84, Ket82, Ket84, Ket85a, Key81, Kie83, mK84, Kim86, KGRY81, KRYG82a, KRYG82d, Kir85, KKK89, Kna84, KS82a, KC84a, KC84b, Kri83, KW87c, Kum86, La 87, Lah87a, Lah87b, Lah88b, Lah88c, Lah88d, Lam86, Lam84, LIN88, Lan88, Lar81, Lau86, Lav83, LHKK79a, LHKK79b, Le83, LG86, LP85b, LN89, Leh86, Leh83a, Leh83b]. **Fortran** [Lei87, LHP87, LH87, LB89, LW88a, LW89, Lev89, Lew81b, Lig82a, Lig82b, Lig84, Lig85a, Lig85b, Lig88c, Lig88a, Lig88b, Lin83, LPJ83, LP87, LS87, LS88, LN88a, Lud81, LCH+88, LW88b, LO85a, Met89a, MS81, MS84a, Mar83a, Mar83b, MW83, Mar81, Mar83d, MW84a, Mas83, Mas87, MW84b, May89, McC81, MSR87, McC84a, McC85c, MS88c, McD85, McK85b, McM86, McN83, MO82, Mei84, MO84, Mei87, Mei88, Mei89a, Mei89c, MP86b, Mer88b, Met82, Met85a, Met85c, Met85b, MR87, Met87a, MR88, MR89, Met89c, MI82a, Mic84e, Mic84f, Mid84, Mil82b, Mil87a, Mil88a, Mil88b, Miy87, MA89, Mon89a, Mon82c, Mon89b, Moo85a, Moo81, Moo83, MM81, Moo82b, Moo85b, MC80, MGH81a, MSG86, Mos88, MT84b, Num84b, Num88a, Num86, Nai84, Nai86, NL85b, Nan81b, NSV1]. **Fortran** [Nic85b, NE89, Nor83, NL83, NL88, OM82, O'R81, OK87, Oli81, Oni85, Osi82b, Pad85, PDA83a, Pag84, PDA86, Pag88, Pal86, PB84, Pee84a, PD81, PA83, Pet83, Pet87, Pol81, Pol83, Pol87, PS84, Pre87a, Pre88c, PP82a, PP82b, Pru87, Pyr84, Rad81, Rad83b, Rai84, Rao82, RV84, Rao86a, Rao86b, Rao87, RRC89, Ras84, Rat87, RO86, RZ89a, RZ89b, Rei84a, Rei84b, Rei87a, Rei89a, Rei89b, Rey80, Ric84, Ric82b, Rid82c, Rob83, RV8 , Ros87, Rou83, Rou86, RS81, RS84, Rul83a, Rul83b, RkC84, Rya86, SAS86, SIG84, Sel83, Sal84, SM84, Sas83b, Sau83a, SK86, Sch82d, Sch89c, Sch89b, SM88a, SM88b, Sch89d, Sch79, Sch85c, SB83, See81b, Ser85, Ser89, SMD84, SR84a, SDH84, She84, She89a, She82, She78, SSS84c, Sim88a, Sim76]. **Fortran** [Sim86, SC83, SP84a, SW83, Sme81, SS82, Smi83c, Smi85e, Smi85a, Smi87a, Smi87b, Smi88a, Smi88d, Smi88b, Smi88c, Smo89b, Sol89, Som86, Son83, Spa85b, Spa85a, Spe85, SS87b, SR87, SR84b, SP87, Ste79, Ste76, Str82, Stu81a, Sun88a, Sus86, SS79, Szy87, Tan86, Tan81a, Tan82, hTD88, TFH86, Tei86, Ter87, TMjC81, Tho86a, TW87, Tou84, Tri84, (??87, Tri89, TFI86, TWI88, Tuc86, Tur86, Uni87, Uni85b, Uni84c, Uni84d, Uni84e, Uni88, Ull85, Ull86, Vag89, Val85, VVV89a, Vet85, VTPF87, VPH82, VSH83, vdV85b, vdV86, Wor84b, Wag84, Wag85, Wal85, Wat85, Web85a, Web85b, Wee89, WW89, Weh85, Wei89a, Wei89b, WS84, Whe84a, Whe84b, Wid88, Wil87a, WP84, Wis81, Wol85, Woo89, Wor88, Wor89a, Wor89b, Wu83, WLO76, Wyl86, Ame87e, ANS89, You82]. **Fortran** [hYsA82, Zho89, Zoh84, dB84, vdV85a, vMF81, vM84a, vM84c, vMF84, vM84d, vMT84, vM84b, vM84e, vM84f, FCG83, SFKS81, Wil87b, Bis81].

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M [Cou85a, Cou85b, Nad86, DH84a, Tho84b, Tho84c, Tho84d, Uni81b]. **M-D-test** [Tho84b, Tho84c]. **M-Diff** [Tho84d]. **M77** [DH82, DH83, Uni83b]. **MA** [Rei89c]. **MA27** [DR82]. **MacFortran** [Ano89]. **Mach** [Bol89]. **Mach/EPEX** [Bol89]. **MACHAR** [Cod88]. **Machine** [Bee85b, Cod88, SS88, AP87, FF84, HM82, IBM88, Int88d, Sor84, AKLS88]. **Machine-Independent** [Bee85b]. **Machines** [AE87a, GPKK82, GPKK84, AE88, FSO89, Lan88, Rao81a, Rao83, AE87b]. **Macintosh** [Num88d, Pre87a, Pre88a, Pre89, VN89b]. **Macmillan** [Bis81]. **Macro** [JRS88a, JRS88b]. **macros** [BH89]. **MACSYMA** [RAKK88, SR86]. **MACSYMA-FORTRAN** [RAKK88]. **MACSYMA-FORTRANHybrid-Codes** [RAKK88]. **Made** [CS83]. **Madrid** [KTW84]. **maenyuol** [BBuC84]. **magnetic** [BJ81a, BJ84a, Web85a, Web85b, vM84b, Nai86]. **magnetization** [Gra86b]. **Magneto** [MHK86]. **Magneto-Plasma** [MHK86]. **Magnets** [GKKY89]. **main** [Gic88]. **mainframe** [Roc86]. **maintain** [BJ81a, BJ81b, BJ84a, BJ84b, Jac85b, Jac85a]. **Maintenance** [JK82, Kah80, BK84, BS83, Sel83]. **Making** [Flo89, SDH84]. **Man** [Sla87a, Sas81]. **Management** [Bla87, DK84, MSA86, Don83c, OO86, SDC82, VLV+86]. **Manager** [Dix85]. **Manchester** [JR89]. **mandy** [SMD84]. **manipulating** [Kle89b, Kle89a]. **Manipulation** [Bee85b, RT85, Hon82]. **manipulator** [Kir89]. **manipulators** [SL82]. **manoeuvrability** [Kip82]. **Manteuffel** [Ash85a, Ash85b, Ash85c]. **Manual** [Sof87, DFD81, DFD84, Dir81, Lib84a, Mai87, Mar83b, Num83a, NL85b, AHU81, All87, APD86, Ano82b, Ano83, Ano84, Ano85c, Ano87a, Ano87c, ADP88, BGM83, BS81f, BMS84, BGG85b, Bur81b, Bur84b, Bur84a, Bur85d, Bur85c, Bur86c, Con81b, Con82b, Con83a, Con83b, Con83d, Con85a, Cha87b, Con83e, CBS81, CB82, CM83b, Cra83, Cra84, Cra86b, Cra89a, Cra89b, Dig82c, Dig83, Dig84b, Dig85a, Dig85e, Dig86b, Dig86c, Dig88a, Dig88c, Dat81, Dat84, Dat85a, DH82, GtTB89, DP84c, DW83a, DW84, DJM87, DPA87, Dun85b, Enc87, ETA88, Fed82b, GRB88, Gic88, Gri85, Hew85, Har81, Har85, HL86a, HL86b, Hof87, HP89, HB81, Hon85, Hua82, Int83b, Int84b, Int85b, Int88a, IMS82, Lib84b, IMS84, Lib87, IMS87c, IMS87b, IMS87d, IMS87g, IMS87j, IMS87l, IMS87m, IMS87n, IMS89c, IMS89e, IMS89g, IMS89h]. **manual** [IMS89m, IMS89i, IMS89j, IMS89k, IMS89l, IMS89n, Iwa84, JSW85b, Ket85b, La 87, Lag85, Lah88d, Lio85, Met89a, Mic83, Mai81a, Mai81b, McC84c, MS88b, Mic84d, Mic85e, Mil87b, Moo82a, MSG86, Mul85, Num83b, Num84a, Num84b, Num84c, Num87, Num88a, Num88c, Nag81b, NL85a, Nic85c, NL85d, PDA83b, PF85, Rel89b, Rel89d, RZ89b, dR87, RMS82, SAS86, Som86, Sun87, Tan85b, Tho81, Tho82a, Uni81b, Uni83b, Uni84a, Uni84b, Uni81a, Uni84d, Uni84e, Uni88, VMS81, VL81, Wei86a, dZ86]. **Manuel** [Ano87d, TR84]. **Many**

[Maa89, Bur86a]. **many-to-one** [Bur86a]. **maple** [PM87, Gro89]. **Maps** [GM83, BT83, Cla89, ZSD82a, ZSD82b]. **March** [RW86]. **Marching** [Ban78]. **Mark** [Num83a, Num88b, Num81, Num84b, Num85a, Num88c]. **Martin** [Mil82b]. **Marwick** [RB82]. **März** [Wös82]. **Maschinen** [Sto84a, Sto84b]. **Maschinen-unabhaengige** [Sto84a, Sto84b]. **Mass** [Con81b, Iwa84]. **masses** [Iwa84]. **master** [Int82j]. **masters** [Nic85c]. **mastery** [EGP81]. **mastery-based** [EGP81]. **maszyn** [Rzy84]. **Matching** [Bur81a, HS81, BD80, GS81]. **matematicheskomu** [Aka88]. **Materialy** [Aka88]. **Math** [IMS89a, Lib89a, IMS87a, IMS87b, IMS87g, IMS87e, IMS87f, IMS87n, IMS89b, IMS89c, IMS89h, IMS89i, IMS89j, IMS89k]. **MATH/** [IMS87g]. **Math/Library** [IMS89a, Lib89a, IMS87a, IMS87b, IMS87f, IMS87n, IMS89b, IMS89c, IMS89h, IMS89i, IMS89j, IMS89k, IMS87e]. **MATH77** [MAT89a, MAT89b]. **Mathematical** [Air77, ACG+88, Cow84, DR86, MAT89a, MAT89b, Woo89, IMS82, IMS87a, IMS87b, IMS87g, IMS87e, IMS87f, IMS87n, IMS89a, IMS89b, IMS89c, IMS89h, IMS89i, IMS89j, IMS89k, Num84d, Pet88]. **Mathematics** [Mor81b, Mor87, Mor90, Mor93, Ano84, Cor81, Cor82c, IMS84, IMS87a, IMS89a, Pet88, VV86]. **Mathematik** [EmR84]. **Matrices** [CGM84b, CGM84a, CGM85a, Cra86a, Sch88a, CHPS85, CGM85b, Fra84a, Mel88, Par84]. **Matrix** [CL83, CV88b, Don82a, Don82b, DM84, DBFK89, FW82, Hig88b, Hig88a, Hig89, Rit89, Ste76, Bru86, Kem87, Num88a]. **maximization** [IA89]. **Maximum** [LS88, CMM+88, GG88, Mai81a, Mai81b]. **May** [IEE81, Rei89c, RH84b, Com89, La 87]. **McFadden** [RWA84, Rod84, WAD81]. **McGill** [Pie85]. **means** [RH84b]. **measured** [Tho84d]. **Measurements** [BS84, Hoc85, Tem89a, Tem89b]. **mechanical** [AM89b, CT88, VC89]. **mechanics** [CV88a]. **median** [Eva81]. **medium** [vM84a]. **medium-scale** [vM84a]. **medizinische** [MF84]. **Meeting** [Rei89c, Rei87b, Rei87d, Rei87c, Rei87e, Noh84]. **Meetings** [AW82, BBB+83, Noh84]. **MegaFrame** [Con83e]. **Meiko** [BDJ+89]. **membrane** [PS82]. **Memory** [Ana87, BDS88b, BDS88a, AP87, BDS88c, Cal86, Dob85, GGJ+89, Gal89, Jor86, Ols83]. **Message** [BCM87]. **Message-Based** [BCM87]. **Messung** [RS82]. **Metallen** [RS82]. **MetaWINDOW** [Met89a]. **Metcalf** [Nad86, Wil87b]. **meter** [Tat87]. **Method** [Coc83, GGLM88, GL90, HYP87, KW87b, KW87a, MHK86, Gra86b, Gui88, HM81, HM84, Hos88, Kem87, kK89c, MT84a, Rod87, PJ84, Sch84a, TU81, ZGS89]. **méthodes** [FS86b, GB83, GB89]. **Methodology** [Isn82, DSCP88, Kre88]. **Methods** [Ano88b, AHH89, BZ85, Bor85a, Bur81a, DM87c, EP87a, EP89, GKRY82, JSW85a, KMN89, KGRY81, KRYG82b, KRYG82c, KRYG82a, KRYG82d, Moo88b, Sha82, Sme81, BD80, Car89a, CB86, Des89, GG88, Her88, HP88, JSW85b, Ngu81, Ric82a, SS82]. **metodom** [Sko88]. **Metody** [BZ85, HPR81]. **Metric** [BSP83]. **metrics** [CSD82]. **MGD1V** [dZ86]. **MGD5V** [dZ86]. **MGZEB** [Lio85]. **Michael** [Tay86, Wil87b]. **Michigan** [IEE81]. **micro** [Col87b, Hey85, McC86]. **Microcomputer** [Oni85, PP82a, YK88, PP82b]. **Microcomputer-Based** [PP82a, PP82b]. **microcomputers** [LB86, Rod86]. **Microeconomics** [Aya84]. **microelectronic** [Mat83a, Mat83b]. **Microfortran** [Dir81]. **microNet** [CDW83b]. **microprobe** [Hue83]. **microprocessor** [Rom81]. **Micros** [Mar83d, Mar83c]. **microscopic** [vM84c].

Microsoft [All90, Chi81, Chi86b, McG87a, McG87b, Sul88, Woo89]. **microstrip** [Ric82b]. **Microtasking** [CSZ86]. **MicroVMS** [Dig84b, Dig84c, Dig85b]. **MIDAS** [MSA86]. **mikroprogrammierten** [Wis81]. **Mikros** [MF84]. **MIMD** [Jor86, Kow85, RS85, Sol89, Sor84, ZBG88]. **MIMD/SIMD** [Sol89, ZBG88]. **MINCLC** [FMH85]. **Mine** [Nor84]. **mineral** [Boy84a, FMH85, Uni86a]. **Minerals** [Sch83b, Sch83a, Bod87, Kie86]. **mini** [Hey85, Num84c, Nag81b]. **MinIdent** [Uni86a]. **Minimal** [YM85]. **minimization** [LN89, YM85]. **minimum** [BT88, Wat82a, Wat82b]. **minisupercomputers** [WSL88]. **Minnesota** [VL81, Wex87]. **MINTDF** [KP86]. **MIPROPS** [McC86]. **Miscellaneous** [Ano81a, Lag85]. **mixed** [Mic87d, Wic89]. **mixed-language** [Mic87d]. **Mixing** [McG87a, McG87b]. **MM2** [She89b]. **MMLE3** [Mai81a, Mai81b]. **MNF** [VL81]. **mo** [Lee84a]. **MODCOMP** [CBS81]. **mode** [Iwa84]. **Model** [Ano87e, DK84, DCHH87, DCHH88a, Hol87a, Hol87b, Jai84, Sch87a, Art81, BNZ87, CM86, DGNP88a, DGNP88b, DM89b, Gic88, IA89, KWWK86, PMBK82a, PMBK82b, War86]. **modeling** [DJM87, Gla88, Gre88, Kee88b, Pet88, SL82]. **Modellaufbau** [Sch85b]. **Modellbil** [Dah81]. **Modellbildung** [Sch82e, Sch84d, Sch84e]. **modelling** [FS86a, Tat87, VP84]. **Models** [ET86, ADP88, BDS84, DPA87, IS84a, IS84b, Lag85, Mul85, Not89, PF85, Rin83, Tan81b, vMF81, vMF84]. **Modern** [Wan85, Wor88, Wor89a, Wor89b]. **Modified** [BBB+83, DFK83a, DFK83b, DFK88, Par86a, DFK81, Par86b]. **modifier** [Jia86]. **modulad** [LB89, (??87, (??84, Tri84, Tri89]. **modulation** [Ber84a]. **Module** [BBB+83, Ull85, Ull86]. **modules** [McG87a, McG87b]. **moduli** [Gui88]. **Modulnykh** [MK86]. **moisture** [SG88]. **molecular** [Bar89, GDK89, Sch89a, She89b, VSH83]. **molecule** [Nai84, Nai86]. **moment** [Fra84a]. **Momentenmethode** [Sch84f]. **moments** [Hos88]. **momentum** [CDW82, CDW84, RV84, RRC89]. **Monitor** [Hei83]. **Monitors** [LO85a, LO85b]. **monochromatic** [Wyl86]. **monolayer** [She89b]. **Monte** [Joh85b, NE81, VH87]. **MONTEC** [PS83]. **Montréal** [Van84a]. **morphometric** [Wal3]. **Most** [DE84]. **mostly** [JH86]. **Mothra** [Sof87]. **Motion** [Chu88]. **movement** [Col89a, Col89b, KWWK86]. **MP** [Bre78b, Bre79, Bre81, Hoc85, RS85, hTD88, Tem89a, Tem89b, ZM86]. **MP/24** [AGS88]. **MPD** [RAKK88, RAKK88]. **MPD-engines** [RAKK88]. **MPD-Triebwerken** [RAKK88]. **MPQS** [LtW88]. **MPQS-factoring** [LtW88]. **MS** [JC88, JC89, Mic84c, MZ84, Mic85c, Mic85b, Mic86, Mic87c, Tha89c, Div85]. **MS-DOS** [JC88, JC89, Mic84c, MZ84, Mic85c, Mic85b, Mic87c]. **MS-FORTRAN** [Tha89c]. **MTS** [CW85, CW88, CW89]. **mu** [ZGK88]. **mudpack** [Ada89]. **Multi** [Aha85c, Dav86, Gui88]. **multi-effect** [Dav86]. **Multi-language** [Aha85c]. **multi-moduli** [Gui88]. **multicomponent** [Kee88a]. **Multicomputer** [Cro87a, Cro87b]. **Multicriterion** [Osy84]. **Multigrid** [Ada89]. **multiphoton** [BSdlT87]. **Multiple** [Bre78b, Bre78a, Bre79, BHY80, Haa87, DGNP88a, DGNP88b, DV81, Gen82, JT88, Tho84b, Tho84d]. **Multiple-Precision** [Bre78b, Bre78a, Bre79]. **Multiprecise** [BW89]. **multiprocessing** [ABC+88]. **Multiprocessor** [Dun86, HS81, KRW88, GGJ+89, Gal89, GSZ88, PJ84, RRS88]. **Multiprocessors** [CSZ86, GL86, HKP88]. **Multiprozessorsystem** [Hel85b, HS81]. **Multitasking** [Bro84a]. **multivariate**

[Mul88]. **München** [Wös82]. **MUNIT** [MSG86]. **Musaid** [aHH83]. **music** [Moo86, Ion84]. **Muster** [San82]. **Mustererkennung** [MF84]. **Mutant** [ADH+89]. **Mutation** [DAG+88, OK87, Tan81a, Tan82]. **mutual** [Bai89]. **MV** [Kir89]. **MVS** [Bin85, Int88k, Int88l, IBM89a].

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SSS84b, Vet85, VTPF87, VTP89, VN89a, VN89b, VV86, Wan85, AM89b, Des89, Gro89, HM82, JSW85b, McM86, Mor81a, Pet83, Red86, Smi83c, Wan86, Gra86a]. **numerico** [Bor89]. **numérique** [Gra86a]. **numériques** [FS86b, GB83, GB89]. **Numerischen** [EmR84]. **Numvec** [Som86, GtTB89, HL86a, HL86b, Hof87, HP89, Lio85, dR87, dZ86]. **nutritional** [BS86b]. **NYU** [Gre86]. **nyumon** [Mor84, TS88].

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AI88, AEL+86, CR84, Dun85a, Gil86, Gre88, Har86b, Int82f, IA84, JK83, KWM88, Kee88a, KJM89, LOU86, PP82b, PRL+85, PP85, Rei84a, Sul2 , Pie85]. **Packages** [Arn82, DFK83a, DFK83b, DFK88, EP87a, EP89, Rag86, DFK81, Num88a, ZGK88]. **Packard** [Pol83]. **packing** [She89b]. **PAGE** [AEV89, dEV89]. **PAGE-AHEAD** [AEV89, dEV89]. **pages** [Cou85a, Cou85b, Edm86, RB82, Wil87b]. **Painters** [Kre86a, Kre86b]. **Paketvermittlung** [Hof84]. **Paketzerlegung** [Hof84]. **PAM** [ALPC88]. **PAM-CRASH** [ALPC88]. **paper** [Joh84]. **Papers** [Smi84, Hor83b]. **parabolic** [Som86]. **paraboloid** [Hsi83]. **Parallel** [AK82, AK85, Ana87, Ano88a, ASM89, AE87b, AE87a, Ber88a, Car89a, Cul88, DM85, DS86b, DS87b, ET86, DBFK89, Gre86, GWM88, GL86, GPHL90, HL82c, HO89, Hus84, JGD87, KS81c, Kow85, Mel88, Per87, Pra85, Ric84, RV8 , SAB88, Utt89, Wri89, ??88, Dha88, AK81, AP87, AE88, BKK+89, BH89, BDS89, CC87, DS86a, DH84b, DS87a, FSO89, FJS85, GSZ88, Guz88, GPHL88, HMB+88, Int86a, Jor86, KB88, May89, McD89, PC89, PW84, PRWB89, Pol87, Roy88, RW89, Sne88, Sto85c, TPS+88, WG84, Wee86, YHKM89, HS81]. **Parallele** [KS81c]. **Paralleles** [Abs88]. **Parallelism** [FN85, Kar86, Kar87c, Rei87a, BK89, Ber88b, BCF+88, Jes82, Sto85c]. **Parallelization** [Har89, AJ88, BDR87, ZBG88]. **Parallelizations** [TFI86]. **parallelized** [PJ84]. **parallelizing** [KK89b, Smi88d]. **Parallelstruktur** [HS81]. **parameter** [Don83c, Mai81a, Mai81b, Szy87]. **Parameters** [Cod88, Moo85a]. **parametric** [Fra84a, KP86]. **ParaScope** [BKK+89]. **Parent** [Jia86]. **parentheses** [Uni83a]. **PARFOR** [Abs88, Ber88a]. **Paris** [Ass86, Rei89c]. **parity** [SDH84]. **parler** [Ain89]. **Parser** [DDH84]. **Parsing** [HT82]. **Part** [Bur84c, Chi85a, EA87, IEC88, ISO88, She89b, Lag85, Mul85, PF85, SPS84, Sav87, Goo89]. **Partial** [Mei89b, She78, Ste79, SS79, Ada89, Bar89, GtTB89, ISJ85, Pet89]. **Partial-record** [Mei89b]. **particle** [GH87]. **particles** [GDK89]. **parts** [Smi85a]. **Pascal** [Kur85, Mil87b, Wic89, Fog85, Fog87, Fog88, JBT83, Ker82, Pay84a, Pay84b, PA84, Res86, Rel89c, Smi81, Smi83a, Ber82a, Cas81, Cul88, Don81, Fre81, GMW86, Ler83, Mil87a, PD81, PA83, Sch82a, Sun84, Ter87, WS84]. **pass** [JT88]. **Passing** [SP87]. **PAT** [ASM89, Smi88d]. **path** [Uni88]. **paths** [HM82]. **Pattern** [Ass86, Hsi83]. **Patterns** [BDS88b, BDS88a, BDS88c, ZGS89, vM84e]. **Paul** [Wex87]. **PC** [RMFG85, Ano87a, CW85, CW88, Cla86b, Cla86c, DW85, Fuo86a, HRC89, HK87a, HK87b, Wor84a, LB86, Pee84a, Ser89, Div85, Wor84b, WB89, ZGK88, Cla86a]. **PC-BLAS** [HK87a, HK87b]. **PC-Portable** [Cla86b, Cla86c, Cla86a]. **PC50** [Num83c, Num84d]. **PCFORT** [CCN+79]. **Pcode** [CCN+79]. **PCs** [Lah88b, Lah88c]. **PD77230** [ZGK88]. **PDE** [Pet89]. **PDEs** [Lio85, Som86, dZ86]. **PDFIND** [Cra86a]. **PDP** [AEL+86, Cla89, Hue83, Mic83]. **PDP-11** [AEL+86, Cla89, Hue83, Mic83]. **PDQ** [Boy89a]. **Peak** [LS87, Tho84c]. **Peephole** [Pem83, TvSS82]. **percentage** [YK88]. **Performance** [AGS88, Arn82, BD89, CT86b, Cro87a, Cro87b, DM89a, Don83b, Don84a, Don84d, Don84b, Don85a, Don85b, DD86, Don87a, Don87b, Don88b, Don88c, Don89, Gaf84, Gal89, GE85, LS88, MC82, vdV85b, vdV86, vdV85a, Ano89, Bai87, BW87a, Bli89, Bow82, Chi85b, CT88, CT86a, DDDG89, DSCP88, KRW88, Kip82, Lee85, LS87, LR89, MMM85, McM86, Sor84, hTD88, WSL88, Wat87, van86]. **Performances** [Don84c]. **period** [Gui88]. **Perkins** [Mil82b]. **permutations** [Wil83]. **Personal** [BW87a, CSD83, CDW83a,

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[PP82a, PP82b, PRL+85]. **Series** [CC82, Cou85a, Kir89, KC84b, Law88, Bar89, Bur85b, Bur85d, Bur85c, Bur86c, Gra84b, Gro89, Mil89, She89b, TFH86]. **Service** [And84b, Con82a, DJM87]. **services** [Int83g]. **Set** [Bee85b, Buc81a, Buc81b, Buc81c, Buc82, DDHH84, DCHH87, DCHH88a, DCHH88b, DCHH88c, DR82, CC87, Col87b, DCHH85, Sun87, Wie82]. **Sets** [DR82, Hop81, Rei84b, Per83b, Rei84a]. **seven** [HA83, Gra84a]. **seventy** [HA83, Gra84a]. **Seventy-Seven** [Gra84a]. **Several** [CV88a, Bro85, Dav82, MSG86]. **SFTRAN3** [Bee88, Bee81]. **SFUN** [IMS87a, IMS87c, IMS87j, IMS87h, IMS87i, IMS89d, IMS89e, Lib89b, IMS89l, IMS89a]. **SFUN/** [Lib89b]. **SFUN/LIBRARY** [IMS87a, IMS87c, IMS89d, IMS89e, IMS89l, IMS87j, IMS87h, IMS87i, IMS89a]. **SHADOW** [She89b]. **shapes** [Iwa84]. **SHARE** [Noh84]. **shared** [AP87, Jor86]. **sharing** [Fon85]. **shell** [Jam86a, Jam86b]. **Shelley** [Edm86]. **Shih** [RkC84, Cha83, mCaLjH84, CwL83, hHtM81, sKcH81, mM84, fTBcL7 , mT82b, fY84]. **ship** [NM85]. **shock** [Tho81, Tho82a]. **Short** [Web88, Jan84]. **shortest** [Uni88]. **show** [Hig86]. **SICEDR** [Don82a, Don82b]. **side** [CK88]. **side-effect** [CK88]. **sided** [Dun88b]. **Siemens** [Ano82a, Ehi82]. **Signal** [LCMM88, RMFG85]. **significance** [Hym82]. **Significant** [Ber85b, JC82]. **SIGPLAN** [ACM82, ACM84, ACM87, Van84a, Wex81, Wex87, For82b]. **SIGSAM** [ACM89a, Gon89]. **silica** [KD84a, KD84b]. **silicates** [Bod87]. **Silicon** [MF84, Sla87b]. **SIMD** [Sol89, ZBG88]. **similarity** [BS84]. **Simple** [Ess88, Lan88, And84a, CV88a, Nag81a, Sch89a, vM84f, EA87]. **Simplex** [Hel85b, GG88, Hel85a]. **Simplified** [CSD83, Hua82, Min88]. **Simplifying** [Dix85]. **SIMULA** [Bro81b]. **simulate** [PS82, PS83, Wyl86, vM84e]. **Simulating** [sT85, ZGS89]. **Simulation** [BCM87, Dah81, Fis82, Gab89, Hel85b, KBRM+86, LW88b, Mar84b, OM82, Rey80, Sch82d, AHU81, Ant81, BK84, Ber84a, CT88, Dav86, Gri82, Hur82, JK82, Lee84a, LOU86, Sch88b, Uni84a, Uni84b, VMS81, Hof84, Sch82c]. **simulations** [GDK89, NE81]. **Simulationslaufes** [Lep86]. **Simulationsprogramm** [Hei83]. **Simulationsrechner** [Hel85a, Hel85b]. **Simulationstechnik** [Gol82a]. **Simulator** [Ber84b, Dun86, HS81, MS84b, Sch84b, Roc86, Sch87b]. **Simulators** [HS81, Lag85, Mul85, PF85]. **Simultaneous** [HL86a, LK88, HL86b, Hof87, HP89, IZP81, dR87]. **SIN** [Nor83]. **single** [DGNP88a, DGNP88b, SDH84]. **single-program-multiple-data** [DGNP88a, DGNP88b]. **Sintez** [MK86]. **SIR/DBMS** [SIR82a, SIR82b]. **SIR/HOST** [SIR82a, SIR82b]. **Sistem** [MK86]. **sitisiti** [SS84]. **situ** [SPS84, SS87a, Sav87]. **situations** [Tho84a]. **six** [Hon81b, Lam89, You82]. **six-component** [Lam89]. **SLAC** [MH82]. **SLACINPT** [MH82]. **SLAM** [Lee84a]. **SLATEC** [JK83]. **SLECT** [Kle89b]. **sliding** [Sav87]. **slip** [HS86, Sav87]. **slopes** [Hua82]. **slow** [KS81b, KS81a]. **slowly** [Bar89]. **small** [Art81, Col82]. **SMOOFF** [Gru88]. **Smoothing** [Dur80, Ano82b, Ano85c, Gru88]. **Social** [Leh86, Cor81, Cor82c]. **sock** [DS82]. **sock-free** [DS82]. **softback** [RB82]. **Software** [Air77, Ano85a, Ano88c, BS83, Sof87, Cow84, Don84a, Don84d, Don85a, Don87b, Don88b, Don89, Fen87a, GGLM88, GL90, Ger83, Gla83, Gro82, HG82a, Hey85, JRS88a, JRS88b, JW86, Jur86, KMN89, KODG+87, Law83, Mar84a, MGH81b, MGH81a, Mos88, Ott81, PP82a, Rey80, Sof83b, Sof84, SAN+81, Smi85a, Smi88c, Usr82, Adv86, Ada89, ACG+88, Boo81, CKT85, CM81c, Don83b, Don84b, Don85b, Don87a, Don88c,

Fen87b, Gre88, Gul86, IMS82, Lib84a, Lib84b, Lib87, Jus88, KRW88, MMS88, Not89, Obl85, Par84, Pet88, PP82b, PRL+85, PP85, RS89, Rob83, Sel83, Smi83c, Tho86a, Voe89, Zho89, ZGK88, CSD82, Ger83]. **Soil** [SG88]. **SOILMOP** [RMS82]. **SOILWAT** [BMS84]. **Solid** [Ano88b, Vor89, KD84a, KD84b]. **Solid-State** [Ano88b]. **solubilities** [KD84a, KD84b]. **Solution** [Abd80, Bur81a, Cal86, Gaf84, Hop81, MC80, Ste79, SS79, Ada89, BD80, GL81, Mel88, Pet89, RAKK88, SPS84]. **Solutions** [JSW85b, Mil87b, NL85d, Rei84b, Tel82, Adm85, RO85, RO86]. **Solve** [Sch88a, HS86, HK83]. **Solver** [LK88, Sha87, Sha89]. **Solvers** [ET86, RRS88]. **Solving** [BS81a, BS81b, BS81c, BL83, BS81e, Boi84, Boi87, BA85b, BA85c, BA85a, Cas89a, Cas89b, Col87a, CC82, CMM+88, DFK83a, DFK83b, DFK88, Dil85, DM84, DS84, DR82, DLS84a, Edg89b, Ett84a, Ett84b, Gre86, GKRY82, Hah87, Hig91, HB83, Hon81a, JW86, KW87b, KW87a, KGRY81, KRYG82b, KRYG82c, KRYG82a, KRYG82d, Kre86a, MHK86, Nan81b, NL83, Rei84b, BZ85, BS81f, BW84, BW87b, DFK81, DLS84b, Edg89a, Ett85, FKSS81, FK81, FK82, HB84, HB81, IMS82, Lib84a, Lib84b, Lib87, IZP81, KF87, KF88, Lew81a, Num84d, Nan81a, Rei84a, Sch86, Smi85d, SFKS81, Tod85, VC89, Zho89, Lew81b, Smi85e]. **Some** [Gaf84, GQ88, JW86, LR89, MR86, Mul83, Pal86, Bar89, Car88b, Chi85b, Rei89a, Rei89b, RS87, TMS88a, TMS88b, VC89]. **sort** [ZDS81a]. **sorting** [Car88b, Hig86, Hou83, RS87]. **sound** [Jam86a, Jam86b]. **Source** [Bod87, KK89a, FE82, Kir89, Mye83a, Mye83b, Sis85, Wal81, ZGS89]. **Sources** [Cow84, Dal88b]. **sous** [LB89, TR84]. **sous-ensemble** [LB89]. **sous-programmes** [TR84]. **SP** [DW83b, Int88b]. **Space** [Pal86, BHK+85, Zak84]. **Space-filling** [Pal86]. **Spaces** [SSS84c]. **spall** [RS84, RS81]. **spallation** [RS81, RS84]. **Sparse** [CGM84b, CGM85a, DR82, Gre86, GKRY82, KGRY81, KRYG82b, KRYG82c, KRYG82a, KRYG82d, She78, BHK+85, CGM84a, CGM85b, GL81, Mel88, Num88a, Par84]. **Spath** [Eve85, Mur86]. **Spearman** [Kem85]. **special** [IMS87a, Lib87, IMS87c, IMS87j, IMS87h, IMS87i, IMS89d, IMS89e, Lib89b, IMS89l, Kem87]. **species** [Mal85]. **Specifically** [BB82, DB82a]. **Specification** [BBG+82, BBB+83, BBG+84, Gab89, SAS86]. **Specifications** [Dix85, RW89]. **Specified** [PCK84, Van82, BT83, Tho84a]. **spectra** [CSC+86, Kie86]. **spectral** [Her88, MD88]. **Spectre** [Oli81]. **spectroscopic** [Wyl86]. **spectroscopy** [Abe89]. **Spectrum** [PCK84, Van82, vM84a]. **Speed** [Hus84]. **Sperry** [Uni84d, Uni84e]. **Spezialprozessors** [Wis81]. **Spezifischen** [RS82]. **Spezifischer** [San82]. **spherical** [Jam86a, Jam86b, MW84b, Rap82a, dB82b, dB84]. **spin** [SDH84, vMF81, vMF84, vM84d]. **spin-echo** [vM84d]. **SPINC2** [Uni88]. **SPINC2/SPINS4** [Uni88]. **SPINS4** [Uni88]. **spiral** [KS82b]. **Spline** [Ano82b, Ano85c, Dur80]. **splines** [Ano87a, PS84]. **SPOC** [Lag85, Mul85, PF85]. **spring** [Art81, Iwa84]. **spring-mass** [Iwa84]. **SQL** [Rel88, Rat89, Rel89a, Rel89b, Rel89d]. **SQSIMUL** [BSdlT87]. **Square** [BBF+82, VVV89b, VVV89a]. **Square-Well** [BBF+82]. **squared** [Wat82a, Wat82b]. **squares** [GHM+86, TU81]. **Squeezing** [DE84, BSdlT87]. **sravnenie** [Osi82a, Osi82b]. **St.** [Wex87]. **Stability** [PFF83, EH81, Hua82, Red86, Thu86]. **Standard** [Bee85b, Com89, DH82, DH83,

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[Abd80, Amo83a, Amo83b, BA85b, BA85c, BA85a, Cas89a, Cas89b, CL83, Chu88, Cod88, Don82a, Don82b, Gaf83b, Gaf83c, Gaf83a, Hig91, MS88a, MP86a, MP86c, MP86b, MC80, Pee84a, Ser85, Ser89, She78, SSS84a, SSS84b, SSS84c, BS86b, Bow82, CF85, CHPS85, Col84b, FE82, Int82f, IZP81, IA89, KP86, Pee84b, Pee84c, Pee84d, Pee85d, Pee85e, Pee86, Pee89, Sch86, Sun88a, TU81, Vu 89]. **Subroutines** [AC86, CGM84b, CGM84a, CGM85a, DM87b, DM87a, DR82, EK87b, EK87a, FW82, Gaf84, GN89, Hop81, IEC81, MGH81b, MGH81a, Mor81b, Mor87, Mor90, Mor93, PCK84, SR86, Ste76, Van82, VVV89b, VVV89a, Alb86, Ano84, CGM85b, Dun85a, IMS84, IMS87a, Lib87, IMS87c, IMS87b, IMS87d, IMS87g, IMS87e, IMS87f, IMS87j, IMS87h, IMS87i, IMS87l, IMS87m, IMS87k, IMS87n, IMS89a, IMS89b, IMS89c, Lib89a, IMS89d, IMS89e, IMS89f, IMS89g, Lib89c, Lib89b, IMS89h, IMS89m, IMS89i, IMS89j, IMS89k, IMS89l, IMS89n, Joh87b, Joh87c, Num88d, Pee85a, Pee85b, Pee85c, RV89, SC83, TSU88, Uni82b, Uni85a, Uni84d, Uni84e, Uni88, Dod83]. **Subset** [Dur83b, Par86a, Par86b, Rom81]. **subsonic** [Wal85]. **Subspaces** [PCK84, Van82]. **successive** [PJ84]. **Successors** [Ros84]. **sugar** [PM87]. **suggestions** [Dun85b]. **suite** [CDL88, Kip82, Nag85]. **sum** [Bar89]. **Sumador** [RL81]. **SUMLIST** [Kle89b, Kle89a]. **summarizing** [BK89]. **Summary** [AW89, Mei89c, Dig82d, Dig84g, Dun85b, Fed81, Gri82, Int82d, IBM85, Int88p, Kle89b, Kle89a, Sof83a]. **summation** [HM81, HM84]. **Summer** [Sof83b, Sof84]. **sums** [HM81, HM84]. **Sun** [Sun88b, GMW86]. **SunINGRES** [Sun87]. **super** [Hey85]. **super-mini** [Hey85]. **SUPERB** [ZBG88]. **Supercomputer** [Kow85, PZA86, Wat87]. **Supercomputers** [Hwa84, LW88a, LW89, PW86, ZM86, RS89, hTDT88]. **Supercomputing** [ACM89b, IEE88b, ML88, Car89a]. **Supermap** [Gue86]. **Supervector** [MMM85]. **supplement** [HF81, Int83g, Num81, Num85a, Nag81a, Nag85, Tan85b, Tri89]. **Support** [MBP+85b, Lee85, MBP+85a]. **supporting** [Ber88b]. **suppression** [Col82]. **Suprenum** [Sol89]. **Suprenum-Fortran** [Sol89]. **surface** [Ano87a, BDJ+89, Gra84b, Gre88, NM85]. **surface-level** [Gra84b]. **surfaces** [FS86a, Wal85]. **survey** [EIT85]. **Surveys** [MF84]. **survival** [CCHT89, Mul88]. **Survive** [Ros84]. **susceptibility** [vM84b]. **SVDTJP** [dR87]. **SX** [LtW88, Wat87]. **SX-2** [LtW88]. **Sylvester** [KW87b, KW87a]. **symbol** [SL82, ZSD82b]. **Symbolic** [ACM89a, AB89, CV88a, DR86, Gia89, Gon89, Her88, Red86, RT85, Vor89, Wan85, AM89b, DFD81, DFD84, Fra84a, Hil82a, Hil82b, Pet88, VC89, Wan86]. **Symbolics** [Sym88]. **symbols** [BT83]. **Symmetric** [CL83, Cra86a, DR82, HPB82, CHPS85, MT84a, MW84a, SPS84]. **Symposium** [ACM89a, Ano88b, Gia89, Gon89, IEE81, KM83, RW86, POP82, ACM82, ACM84, ACM87, Wex87, Van84a]. **Synchronization** [FJS85]. **Synchrotron** [GKKY89]. **Syntax** [BS86a, ML86, Bro82a, Can81, Ell81b, Tay84]. **synthesis** [Gin82, She89b, Van84c, Van85]. **Synthetic** [Tha89a, Tha89b]. **System** [Ame85d, AKLS88, Bur84c, DNV81, DM85, Fon85, GBJ81, HS81, Int83b, Int86b, IBM89b, IEC88, ISO88, KBRM+86, MBP+85b, Miz83, Rud83, Ame85a, Ack84, ABC+88, Ano82c, Ant81, BG82, BGCS82, BR89a, BJ81a, BJ81b, BJ84a, BJ84b, Bur85b, Con83a, Con85a, CGQS89, CDW82, CDW84, Cre89, Dob85, DJM87, Dun85b, Fed82a, Gic88, Gui81, Gul86, Hew85, Hig86, Hue83, Int83g, Int86c, Int88c, IBM88, Int88d, IMS82, Lib84a, Lib84b, Int88q, Ame85b, Jac85b, Jac85a, JC82, Joh85b, KS81b, KS81a, KRW88, Lah88b, Lah88c,

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[MGH81b, MGH81a]. **Understanding** [Boi81, BW84, Boi84, Boi85, BW87b, Boi87, DBFK89, Lud81, WB85]. **unfolding** [YHKM89]. **ungaged** [Uni81a]. **UNICOS** [Cra89b]. **Uniform** [Gui89, MR83, DZ88, Gui88]. **Uniformly** [PLR85]. **Unimate** [Fra84b]. **unimodal** [MT84a]. **Uniprocessor** [Cal86]. **Unit** [CHH81, CHH83, Sch81a, Lag85, Min88, Mul85, PF85]. **UNIVAC** [SDC82]. **univariate** [TSU88, TFH86, Wal3]. **University** [IEE81, Pie85, Lee85]. **UNIX** [Ber85a, Cod89, Pay84a, Pay84b, Uni82b]. **Unordered** [MP86a, MP86c, MP86b]. **unsteady** [Dun85a, Wal85]. **Untersuchung** [RAKK88, San82]. **Unusual** [DR86]. **Update** [FCG83, KKK89, Hof87, Jac85b, Kir89]. **Updating** [Buc81a, Buc81b, Buc81c, Buc82]. **Upper** [FW82, Ste76]. **Uranium** [LZ82]. **uravnenii** [Sko88]. **uravneniia** [Sko88]. **Urbana** [Rei89c]. **Ure** [PFF83]. **USA** [Wri89, Sof84]. **Usage** [DG82, Dod83, HK87a, HK87b, LHKK79a, LHKK79b, LN88b, LN88a, Con83c, Con84, Con85b, Con85d, Con86, Con87c, Con87a, Con87b, Con88a, LN87, Ols83, Wie82]. **usager** [TR84]. **Use** [GSZ88, Gol82b, LO85a, LO85b, BK89, Con83a, Con85a, Col82, Hos88, Int86c, IS84a, IS84b, Nag81a, Nag85, RW85, SL82, Sul88, VC89]. **used** [Per81]. **useful** [RH84b, TMS88a, TMS88b]. **USENIX** [Sof83b, Sof84, Usr82]. **User** [AHU81, Ano84, ADP88, BMS84, Bre81, Bri84, Sof87, Dig85b, Den82, DPA87, GRB88, Gic88, GHM+86, Gil86, Hua82, IMS82, Lib84a, IMS84, IMS87n, IMS89h, IMS89m, IMS89i, IMS89j, IMS89k, IMS89l, IMS89n, Kle89b, Kle89a, MSG86, Obl85, RMS82, Sym85, Sym86, Sym88, TMjC81, Tew81, Uni84a, Uni84b, Uni81a, VMS81, Zho89, AD84, Ano82b, Ano85c, Ano87c, Apo83, Bur85b, Con81a, Con82a, Con82c, CB86, CBS81, CB82, CDW83a, CDW83b, DW85, Dig82e, Dig84h, Dig84i, Dig86c, Dig88c, DW83b, Dir84, Fed82b, Fed82a, GC84, Gue86, Int88c, Lib84b, Lib87, IMS87c, IMS87b, IMS87d, IMS87g, IMS87j, IMS87l, IMS87m, IMS89c, IMS89e, IMS89g, IS84a, IS84b, ISJ85, Int84a, Int85a, Mar81, Mic84c, Mic85c, Mic87f, Nor83, Rel83, Rel86, Rel88, Rel89b, Tho81, Tho82a, Uni83c, Uni84c, Uni86b, Uni84d]. **user-interface** [Nor83]. **Users** [Usr82, Ber85a, Int84b, Iwa84]. **Usersin** [Nor83]. **Using** [AG87c, AEV89, Bar89, Cod89, CC82, DAG+88, Don84a, Don84d, Don85a, Don87b, Don88b, Don89, GY82, Gre86, Gro83, HG83, McK85b, Mos88, Rei87a, Ros87, Sch82d, Sch88a, SP84a, SW83, SR84b, SR86, TvSS82, dEV89, Ack84, AM89a, AG87a, AG87b, CK86a, Don83b, Don84b, Don85b, Don87a, Don88c, DS82, GS81, Gra84b, Gro89, Hig86, HP88, HPR81, Kem87, LW88b, Rod87, Num84d, Red86, SH88, Sch88b, SP85a, SP85b, Sul2 , Tan81a, Tan82, Tat87, Tur86, VSH83, Wat86, Wie86a, Wie86b, Pem83]. **USSAERO** [Wie86a, Wie86b]. **USU** [Gic88]. **Utah** [Sof84, Ket85b, Ket84, Ket85a]. **utilisation** [Ano85b]. **utilities** [Int85b, Mic87e, Pee85a, Pee85b, Pee85c]. **utility** [BS86c, CR84, GC84, Mai87]. **utilization** [CT88].

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