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**Title word cross-reference**

2 [VSS+13], 2564 [IKY+10], 3  
[BGM15, CSGM17, GGS01, HSLK11].  
CH + H2 ⇀ CH3 ⇀ CH2 + H [ASW91].  
CuO2 [SSSW91], d = 2 [BRT+92].  
*ILU* [SZ11], k [TNLP13].  
K2 [CBW95].  
LU [YZC+15].  
M × N [BYCB05, DP05, JLO05].  
N [DAB+12, HJ96, SWW94].

-Body [HJ96, SWW94, DAB+12].  
-D [GGS01].

/I [CHZ02].

0th [RAGW93].

100 [IHM87].  
100k [INY+14].  
10P [DD89].  
1917-1991 [Mar91].  
1A [HXW+13].

2 [CL95, CC95, CLM+16, DD89, DD91],
GCL93, HGMW12, LT90, LYL+16, Mor89a]. 200/VF [DD89]. 2003 [OL05]. 2004 [DT06].

3 [ARR99, BG00, CM97, JLO05, PR95, THL88]. 3-D [ARR99, BG00, CM97, PR95, THL88]. 3 0 [BRM03]. 3090 [DD89]. 3090-200 [DD89]. 3090-200/VF [DD89]. 31G* [PUR94]. 3800 [WOG95].

450 [MAB+13].

5 [HRM89]. 5/SE [KJH96].

6 [Pla09, PUR94]. 6-31G* [PUR94]. 623 [LYL+16]. 64-core [VEMR17].

90 [DL97].


Ad [BG02, CHZ02, IBC+10, TNBG07]. Ad-Hoc [IBC+10]. Ada [Kok88]. Adapted [PMS+04]. Adapteva [VEMR17].


Addressing [SWA+14]. adjoint [YW1+14]. adjoint-based [YW1+14]. Administration [SDA+01]. Adsorption [CH94]. Advanced [MA15, TC10]. Advances [KKD03, KKD05, LK10, NPT+06, BC14]. Aerodynamics [YM91]. Aerospace [MAB07]. agent [WDH+15]. Agents [QWIC02]. Aggregation [ZRC+06, WVL+16]. agricultural [SH93]. Aided [MM90]. aircraft [GDS17]. AIX [An01a]. Alamos [BBB+91b]. Algebra [CDS04, CD1+94, D01+97, AJH91, D01+92]. Algorithm [AH93, AEPR92, ARR99, BCL09, CBW95, CBV97, DIB00, GJM88, GCD97, H91, HT04b, IJ93, JL89, KYY+90, KC92, LP10, LJC+10, Mor89a, SCB+95, TRS+10, UF89, WCE95, AHB+16, BGM15, DSH+16, GHL15, MJGL13, NMAE13, UZM+14, YZC+15, YB12]. algorithm-based [YZC+15]. Algorithms [AM00, BG02, Cha88, CD0+05, C+07, Fro91, GD09, GKM00, KL87, MS09, MPS15, NK93, NZ30, PMS+04, RRV06, SC04a, Sha88, Wad99, ESW+12, FT13].

Alinea [MA15]. All-Gather [TRS+10]. All-to-All [BJ92]. Alliant [DD91]. Allocation [A0+01, FBB03, WP01, YB07, Jea13, MRD+15, SPN14]. Alpha [KHP+04, TS98]. Alternative [SWHP05]. Amazon [Pap11]. AMBLE [HBSP08]. Amdahl [HE01]. amnes [PUR94]. ammonium [PUR94]. Amplitude [BGK+90]. AMR [RV15, SZC12]. analogs [PUR94]. Analysis [ACD07, BBC+00, Del93, DEH96, DFO8, EGM93, Eyr06, G95, GHM+10, GNB11, HVW09, HSW09, LHW00, IMW+15, IIM87, Ish91, LM03, L105, MB87, Mic09, RL03, SSOQ, SCB+95, SE92, SC09, SGFC09, SBG10, SBSB06, THD09, V03, WBF04, YRA+02, ZRC+06, BBDH14, BCLP17, IMH+11, IMH+12, JKD+11, MPD+12, MJ16, MRD+15, PF16, STP+13, TKA+17, LS90]. Analytic [MA89].
Analytical [FFR+10]. Analyze [KKCB98].

Analyzers [Ano01a]. Analyzing [BRU05, UZM+14, WPBB01]. Anatomy [FKT01, YFH+96]. Andabyss [Spr06].

Animal [UB95], animated [LS93].

Animation [SS89], Aperture [MPG93, ZCZ+13, SVBP13]. API [BH00].

Appendix [Ano01a]. Appendices [Ano01a]. AppLeS [SBWS99]. Application [AS00, Bar09, BKRMR09, BCC+01, BWB+10, BPK+07, BB02, CWG09, DW97, DFMD94, FTB13, FSG+11, GMH+10, GHZ10, Kaz09a, KKCB98, KS09a, Mic09, Mf05, NKR90, OCG+08, PPK99, PHC+10, SOC9, TM99, TKA+17, CMS+11, DEL+12, Osz16].

Application-tailored [FTB13].

Applications [AGR+03, BGG05, BP01, BDP01, BV11, BM12, BM13, BWH+06, BRU05, BJ92, BJK07, CBL10, Cot04, Cza03, Dar99, Dec09, DH96, DE03, FGC+05, Fra05, GKP97, GMLP08, GG14, HT04a, HYLW00, HRM89, JMC05, KBA00, Key09, KUE+00, LDGR03, Lee03, LM03, LLCCW07, MKG90, MYCR06, MAB07, ME14, MYC92, Mor89b, NFK98, NPT+06, SC04b, SSMN92, SVN09, SBG10, SKC10, TXD+07, TLG98, TAR+08, Wal03, WWA+11, WBF04, ZOF90, dSSB+08, ASH16, BRGR11, BSX+14, BG11, CDR15, DAB+12, DMSQ12, ECC+13, GCSK13, HGW14, JRT16, KPR17, LRG+16, LWT+11, MGB12, MCU+13, PH91, PNFC16, RV15, SLG95, TNL13, THC+11, UZM+14, WDW+12, Ana09a, Ana99, Ana00, Ana01b]. Applied [vLRA+03, BE17]. Applying [Dem90, LDGR03, MBHE15]. Approach [BYCB05, DZ07, FBV87, K90b, LDB+06, NTP06, Sh98, utH07, Spr06, DCM+17, FTB13, HGW14, MGB12, MJD16, PNFC16]. Approaches [SWHP05, MJGL13]. Approximate [Cho01, H grease+12]. Approximation [DGJ09]. Aqueous [PRT90]. Architectural [Gro03, TXD+07]. Architecture [BAA+06, HWP03, Hua03, Ish01, KBA00, KFM+10, SC04b].

Architectures [BFLL99, GD09, HD05, HHLW00, HSLK11, MS02, RW03, RSG03, SSQ08, BSK14, HFV+12, IMH+11, IMH+12, JO92, KILL13, LNSMMA15, STP+13, Udd17, VVL+14, YFS+14]. Area [DFP+96, MYCR06, MAJJS03, NBB+96]. ARION [HLP+03]. Arising [Ma00]. Arithmetic [BSB89, Gro03]. ARMCI [NTKP06]. Armv [Aus92]. Array [BBDR95, CYT+02, JO92]. Arrays [HC08, NPT+06, DFT+15]. Arrival [Wit92].


Asynchronous [TNBG07, BBDH14, PH91]. Asynchronous [WAWA+11]. Atmosphere [DEE+12, HAF+96, MS05, MW12, TD08]. Atmosphere-Ocean [HAF+96].


Automatic [BHK+06, CBL10, CDCV06, Cza03, KMPJ08, MJ04, Ye04, CH13].

Automaton [YCYM07]. Automobile [HTSK90]. Autonomous [SKBD01].

Autotuning [OV13, BHK+13, CBM13]. Availability [Pra01]. Aware [KCC+06, TCO6, YBA+03, CZZ+11, HTD+14, HLV+16, KPR17, MRD+15, SS10]. Awareness [HBSP08]. Axisymmetric [SG91].

Balanced [BFNV07]. Balancing
[GS05, GLGB+11, ZBMK11]. Band
[Tho90]. Based [AM00, CY08, CLP+99,
DCL+08, FSC+11, GGS01, GRC08, Gro03,
Gus04, Key09, MWM+08, Nak99, Num04,
PGTS10, PPK09, PBA09, QH08, SG07,
TCW06, TC10, VDB04, WPB01, ATL+15,
BGM15, BE17, BEW16, BAP+12, CBM13,
CZT+11, DSH+16, DAB+12, FTB13,
GDS17, HTD+14, HDL+15, HLP+03, Hua03,
JKD+11, LM03, MGB12, MJGL13, PSV+16,
STP+13, SPNB14, TR17, YZC+15,
YW1+14, ZZC+14]. Basic
[Gir02, JO92, KJH06, Don02a, Don02b].
Batched [HD+15]. Bay [WLVL+96].
Beambeam3D [SSQ08]. Beamforming
[CYT+02]. Bearing [FFNP97]. Behavior
[AK93]. BenchFriend [CS14]. Benchmark
[DL09, HC10, DHL16, PSV+16, PF16].
Benchmarking [BRT+92, HBC+08].

Benefits [WLFH16]. Benefits [ACM88].
Beowulf [SS99]. Best [BPBL11, Lee03].
better [DD+13, GGO16, SZ11]. between
[SKS+13]. Beyond
[Har90, SBF90, INY+14]. Big [YIN+11].
Biggest [Ste09a]. Binary [DI00, LK01].
Biofluid [RKKC90]. Bioinformatic
[GHM+10]. Bioinformatics [TXD+07].
Biological [FFR+10, WW92]. Biology
[SNM92]. Biomedical [KHC+09].
Biomembranes [SABK94]. BLAS
[BG11, DDD9, DD91]. Blast
[Don02a, Don02b]. Block
[Arn07, BS88, DEKV92, RV15].
Block-Sorting [Arn07]. block-structured
[RV15]. Blocked [BELF07]. Blocks [HC08].
Bloom [LGDH16]. Blue [GNB11, KMV+14,
MAV+13, SSS+12, YIN+11]. BlueGene
[dSSB+08]. BlueGene/L [dSSB+08].
Board [SPTT08]. Body [HJ96, Nak99,
RTRG+07, SWW94, TMWS91, DAB+12].
Boltzmann [SBBS06, Mon12, OKTR11].
Bone [HOBP92]. Boundary
[uTH07, SG91]. Boundary-Value
[uTH07]. BPEL [MMW+08]. brick
[LPB+16]. Bridging [SS99]. Brink [Spr06].
Broadcast [BZ92, YSP+05]. BSC [LAV09].
Build [CD06]. Builder [DL97]. Building
[CDH+97b, FD04, LJO05, SW04, Witt92,
vLRA+03]. Bulk
[DGP+97, MAJ03, Jon12, WD+12].
bundle [WLVL+16]. Butterfly [Kum89].
Byte [WG07].

C [LJC+10, Poz97]. C90 [ABF+99]. Cache
[BH06, GHM+10, MBW87, SCQ4a, Wad99].
Cache-Coherent [Wad99].
Cache-Efficient [SCQ4a]. Caching
[kLCCW07]. Cactus [AAF+01]. calcium
[CHW+15]. Calculation
[ACG+99, BGK+99, TMWS91, HIT+14].
Calculational [ZOF90]. Calculations
[CDD+90, Gen88, Liu90, TMW+99,
YCHH90, ZK93, CLM+16, HTD+14,
TSSK88]. Call [DBA+09]. Caltech [Din91].
Caltech/JPL [Din91]. CAM
[TDO8, DEE+12, LMT+12]. Campus
[GNTHL97]. Campus-Wide [GNTHL97].
Can [Pan97, VFJ+15]. Cancers [GKB93].
Candidate [MSC+06]. Cane [YW1+14].
capabilities [IMS16]. Capability
[GS09, BBH+13, DVW+12]. Capacity
[BL99]. Carcinogens [HB90]. cardiac
[BSW+14]. Cards [Gro03]. Carlo
[BRE+90, CH94, DFT+15, SSS13, LM03,
LPB+16, MWR87, MB87, SABD13,
SSWS91, SSR+14, VSS+13, ZK93].
Carolina [LC90]. Case
[BF01, BDFVP5, CBW95, CDH+97b,
GLGM+11, GL97, HLM10, HE01, HLP+03,
PPK+04, SG09a, WGI90, WL92, WW92,
BSW+14, CGGC+16, CMS+11, MBvdG13,
OF17, TKA+17, THC+11, YWL+14].
CBVE [WLVL+16]. CCDSC [DT13].
CCGSC [DT11]. CCSM4 [CVJ12].
CEBAF [DZDR95]. Cell

Cellular
[APK08, MHS11, YCZM07, GDS17]. Center
[AI88, MP95, Aus92, ABB94, BBW90,
DGH93, KT94, LC90, Mir90, Nas92, Sci92,
TR92]. Centers [AI88, Aus92, BBB91b,
Bra91, BBW90, GS90, KT94, TR92, Web91].

Centre [MHW15]. Centric [SR05].

Century [Bhd09]. CESM1
[CVJ12, CMHB15]. CFD
[GBK10, KL01, LDGR03]. CFDSHIP
[BCY11]. CFDSHIP-Iowa [BCY11].

CGM [CDT05]. CGMGRAPH/CGMLIB [CDT05].
CGMGRAPH/CGMLIB [CDT05].
CGNR [Man97]. chain [DSH16].

Challenge
[BRE90, CBB96, DSD91, GD09, IKY10,
Kit90, RAGW93, SGFC90, RAB15].

Challenges [Cap09, GL09, Her99,
KMW13, VFJ15, GR17]. change
[ZCZ13]. Changing [MMS88]. Chapel
[CCZ07, CH13, DZ07]. characteristics
[LWT11]. Characterization [Kal90a,
LPJ98, TMMR10, WDW12, Har11].

Characterization/Segmentation [Kal90a].

Chaste [BSW14]. Checkpoint
[CY08, SSB05, BRR17, IFA15].

Checkpoint/Restart [SSB05].

checkpoint/verification [BRR17].

Checkpointing [GNB11, SSB05].

Chemical
[ARR99, DFC90, Koi90, MMS88, TW87].

Chemically [LP10, MYC92]. ChemIO
[NFK98]. Chemistry
[EDS95, NFK08, TMW99]. Chesapeake
[WLV96]. China [SKC10]. chip
[VEM17]. Cholesky [Jea13]. Chroma
[JC12]. Chromodynamics [Lin90]. CICE
[CMHB15]. Circular [AEPR92].

Circulation [KM95, PLS05]. CLAS
[DZDR95]. Classification
[Tho90, WEP12]. Client [kLCCW07].
Client-Side [kLCCW07]. Climate
[CJK05, DJC05, GS05, JLO05, DOS08,
WHL03, WDH914, YWL914]. Climatic
[WBM90]. Cloud [LJC10, TR17].

Clouds [Dec10, DT11, DT17, Tho90,
MGB14, MRD15]. Club [BCK99]. Cluster
[BKNV07, CK01, DMT01, Fra05, GSHL03,
JSSZ09, KT99, LWWL05, WG07, GDKWS15,
MGH11]. Clustering [NRR97, DSH16].

Clusters
[APS01, BG09, CDT05, CAK07, CWS09,
CDV06, DT99, DT11, DT17, Gir02, KS05,
LDB16, MWC15, PPK14, POC09,
SG09a, Ste01, YB07, Cg11, DTDP14,
EEL15, HLS17, JRT16, JCI12, Pap11].

CM [CC95, KJH96]. CM-2 [CC95]. CM-5

Co [GD09, Mat03, Jon12, UCZ15].

Co-Design [GD09, UCZ15].

Co-reservation [Mat03]. Co-scheduling
[Mat03, Jon12].
Combining [GG91, DZRS99].

Combination [GG91, DZRS99].
Coarse-Grained [GBG96, MRS99].

Coastal [Cow08]. Code [AJL97, BH00,
CK01, CEL97, Del93, DZDR95, HL10,
HE01, LWWL05, MMD98, MS02, MBF11,
MSK92, PRP03, Pla09, YW93, BSH16,
DAC14, FU12, HIT14, INY14, JKD11,
MBvdG13, MGS15, SSR14, TRS13].

Codes [AS00, CL95, DL97, HMM87,
MCW00, Reu92, SWW94]. Coherent
[Wad99, PS12]. Collaboration [SG09].

Collaborative
[DFH96, HBS08, NBB96].

Collaboratory [YFF96]. Collapse
[Gun00, HTSK90]. Collection [DT06].

Collections [HLP03]. Collective
[BMR06, FCLG07, KFM10, LCZ15,
TRG05, VFD04, KMH14, SCB14].

collectives [WLF16]. Collide [NBB96].
collision [VOL14]. Color
[IMH11, IMH12, Tho90]. Color/Albedo
[Tho90]. Columbia [MAB07, HBC108].

combattant [BCYS11]. combination
[ASHH16]. Combinatorial [BG11].

Combined [YK04]. Combining
commercial
[MRD+15]. Commercialization [SG09b].

Common
[SG09b].

Communication
[BCG'+10, BYCB05, BKS'+07, BBDR95, HC10, INY'+14, JLO05, LR09, LRO10, LRT07, NTKP06, PLS05, QH08, RW03, SWHP05, TR05, TGT05, BBH'+13, DGB'+14, IYK16, OGM'+16].

Communication-overlap [INY'+14].

Communication/Computation
[BBDR95].

Communicators
[GFD05].

Community
[DBA'+09, HBSM03, CJK'+05, DVW'+12, DEE'+12, DJC05, ESW'+12, HVK105, JLO05, MS05, MW12, TD08, WD05]. Comparative
[MOK00].

Comparing
[BF01].

Comparison
[BSK14, CAK'+07, Gen88, HC10, Jon92, KM95, Mat95, SR98]. Comparisons
[Ma00].

Compensation
[MMSW07].

CoMPI
[FSC'+11].

Compilation
[BJK07, CW05]. Compiler
[CW05]. Compilers
[Ano01a, YHG'+07]. Complete
[LK01]. Completion
[CY08]. Complex
[ASHH16, Dar99, GKB93, GHZ10, PK04, CSGM17]. complex-entry
[CSGM17].

Component
[BAA'+06, DF08, KBA00, KFM'+10, MGB12, PGTS10, PPR03, SVN09].

Component-Based
[PGTS10, MGB12]. Components
[CTD'+05, WSD'+14].

Composing
[HGWN14].

Composite
[NMAE13]. composites
[LPB'+16].

Composition
[Cot04, DLB07].

Compositional
[AWS01, BBD00, KR94, KR95].

Compounds
[FWZ91]. Compression
[Arn07, DLY'+98, DF08, FSC'+11, CGGC'+16, IFA15, Ozs16].

Compressors
[GMWG10, YK07].

Compromised
[LJC'+10].

Compromised-Time-Cost
[LJC'+10].

Computation
[CBW95, Chun99, GWKN08, Her88, HS93, JP93, SSNM92, Ste99a, Ste99b, Tis97, WSCZ05, SVBP13, WEPB12, ABB'+94, KT94, TR92].

Computational
[CD97, Cha88, CDH'+97b, DVW'+12, DFMD94, DGJ09, DT99, DGH'+93, Duk91, EGM93, FBDW7, Gen88, HBSM03, HL10, JL89, NF98, Num04, PK04, SK07, SWBS99, SW04, TMW'+99, VR00, Wit92, WPBB01, YM91, Ytt97, BSW'+14, CGGC'+16, HOPB92, TBA'+17].

Computations
[BBR10, Ber92, Duk91, MA15, MCG04, BCS011, BCLP17, HDL'+15].

Computer
[BEF'+95, CKE98, Cla91, GL09, HD05, JL89, KT99, MM90, Pet87, TW87, WBM90, AHB'+16, BAV'+16, BE17, HKK88, HLT'+14, HLS'+17, INY'+14, KMM16, Kum89, MBH15, PNFC16, TAM'+16].

Computer-Aided
[MIM90].

Computers
[BOD'+91, BH99, CDH'+93, CDP'+94, EDS95, FG97, FFNP97, GP93, Gun00, IS96, Jon92, Meu88].

Computing
[ATN'+00, Ano98a, Ano99, Ano00, Ano01b, Aus92, BV11, BM12, BI13, BGI'+99, BAA'+06, BRT'+92, CWHP99, Dar00, Dem90, DT99, DMT01, DT11, DT17, DCL'+08, Ed93, EDS06, EW06, Ewi88, Eyr06, FGC'+05, FGJ'+04, GHM'+10, GMWG10, GTL97, GL97, HME90, Her09, JLO04, JSSZ09, Joh01, KDH11, Kep04a, KT99, Kuc04, KHK'+99, KS05, LS90, LJC'+10, LD07, MPS15, Mah90, MYCR06, Mat95, ME14, PPK09, PA11, Rao02, RAGW93, Sab91, SKB01, Ste01, Ste04, SF02, SKC10, THDC09, Wal03, YBA'+03, BE17, BAP'+12, DTDP14, DLH16, DAC'+14, ECG'+13, EKD'+12, Fer90, FKA'+17, GR17, Har11, IYK16, IFA15, KT94, MCU'+13, PPC'+16, SWA'+14, STS17, TNLP13, VSHN14, ZKRA14, Lee03].

Computing/Numerical
[THDC09]. concurrency
[DGB'+14]. Concurrent
[AH93, Fro91, MBW87, BRGR11].

concurrency
[DGB'+14]. Concurrent
[AH93, Fro91, MBW87, BRGR11].
Conjugate [AH93, CSV91, Mei87, DHL16, KMM16, PSV+16, PF16].


Content-aware [MRD+15]. Context [KDH11, QH08, YBA+03, CZR+11]. Context-Aware [YBA+03]. Context-based [CZR+11]. Contributors [Ano96b, Ano96c, Ano97b, Ano97c, Ano98b]. Control [AK91, AK93, Dar00, DFH+96, VR00, WDW+12]. Controlled [DSD+91].


coprocessors [HLS+17]. Copy [SWHP05].

CORBA [PPR03]. Core [Bri10, DFS+05, MS05, BBG+14, BH12, CAE+13, DEE+12, KDH11, KILL13, LMT+12, LDW+12, LNSMA15, MSPSI15, PSV+16, SSR+14, TKA+17, Udd17], VEMR17, VOL+14, YFS+14, GLZS14].

cores [FU12, INY+14, IYL+16]. correction [YFS+14]. Correlating [CS14]. correlation [CLG13, GHL15]. Correspondence [BH99, IS96, PTGB02]. Cortical [WW92].


Coupler [CJK+05, CVJ12]. Coupling [HD05, JLO05, LJO05, PPR03]. CPL6 [CJK+05]. CPU [BL99, GHL15, HTD+14]. CPU-GPU [HTD+14]. CPUs [KDH11, TKA+17]. Crash [HTSK90, CEL+97]. Cray [ABF+08, AEPR92, DD89, DD91, Del93, GCL93, LT88, Ma00, MYC92, MSK92, THL88, YW93, ABF+99, DH96, Lai93, SBBS06]. CRAY-2 [DD89, DD91, GCL93]. CRAY-T3E [Ma00]. creation [KILL13]. Creutz [BRT+92].


Crystallography [CDH+93]. CUDA [DSH+16, GDKWS15, ZZG+14]. CUDA-accelerated [GDKWS15]. CUDA-enabled [DSH+16]. CUMULVS [GKP97, KWB06]. Current [Cap09, GFD05, GCSK13, IVA+13].

CYBER [ABA87]. cycle [AHB+16].

CYDRA [HRM89]. CYDRA-5 [HRM89].

D [VS+13, ARR99, BGM15, BG00, CSMG17, CM97, GGS01, HSLK11, KR94, KR95, PR95, THL88]. DAG [TR17].

DAG-based [TR17]. DAMPVM [Cza03].

DAMPVM/DAC [Cza03]. Data [ACF+11, AF09, BCG+10, BCM+03, BH06, CFK+94, CBW95, DP05, DH96, DZ07, DT17, DFT+15, Fei99, Fol90a, GMLP08, GG11, HJ96, JW06, Joh01, KBH88, KUE+00, LR07, MAJJS03, RR06, SS89, SS10, VS03, WHL03, ZRC+06, APD+15, ATL+15, FKA+17, HLW+16, LGDH16, MRD+15, Ozs16, PH91, STP+13, SZ11, WDH+15].

Data-Intensive [GMLP08, KUE+00, ACF+11, FKA+17].

Data-Parallel [HJ96]. Database [MS09].
DV [TKSK88]. DV-X [TKSK88].
Dynamic [AAF+01,ABA87,BCM+03,BG00, CY08, DLY+98,DPMD94,GF05,HWP03,SCB+05,SVN09,TM99,LDH16,MJD16,SCB14].
Dynamical
[DFS+05, FBW87, HT04b, MS05, SVW94, DDE+12, LMT+12].
Dynamics [ACD07,CGB+94,Cha88,CWG09,DQFW90,DGD+04,Gen88,Gun00,HL10,HSLK11, JL89,KVY+90,MP94,Nak99,NHG+96,PRT90,SK90,CHW+15,HXW+13].
e-Science [HT04a, HWP03]. Early
[GKN+96, GNTLH97,HGD91, Kal09a,SLG95]. Earth
[DVW+12, ESW+12, CTD+05, CVJ12, DEL+12, IKY+10].
earthquake
[AHB+16, CMS+11, BAM+16].
earthquake-cycle
[AHB+16].
EC2 [Pap11].
EGM [Arn07]. Ecological [WBG06].
Econometric [ABA87, GP93, Pet87].
Economic [BE07, LC90, NKR90, SG07].
Economic-Based [SG07].
Economics
[AK91].
Ecosystem [WBG06].
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Language [CCZ07, LD07, Pan92, Sha88, CH13, EKD+12]. Languages
[Kal09b, KKS04, YHG+07, JO92]. Large
[AS00, AK91, AGL87, BAM+16, BGG05, BDF01, BCLC09, Ber92, BWB+10, BCC+06, CWW99, CK01, Ede93, Ewi88, Fra05, FBW87, GDKWS15, GMWG10, Gun00, HSLKL11, Joh01, KUE+00, LT88, LM03, LDW+12, LC06, MC90, MR04, MRD+15, Mor89b, NKR90, PPK+04, Pet87, SE92, TRS+10, UFS9, VS03, WT09, YRA+02, ZRC+06, BCS11, CVG11, DCD+13, EEL15, FU12, HIT+14, MBHF15, MJ16, RDG12, STP+13, VOL+14, ZBMK11]. Large-Scale
[AS00, AK91, BDP01, Ber92, CWW99, Ewi88, Fra05, Gun00, HSLKL11, Joh01, KUE+00, LC06, Mor89b, NKR90, YRA+02, ZRC+06, BAM+16, GDKWS15, GMWG10, LM03, LDW+12, MRD+15, EEL15, MBHF15, MJ16, STP+13, VOL+14]. Latent
[WWA+11]. Lattice
[BGK+90, Din91, JC12, Mor89a, MSK92, Liu90, Mon12, OKTR11, SBSB06]. Law
[HE01]. laws [Hea15]. Lax [YFS+14]. layout
[HLW+16, SZ11]. Lazy [BPBL11]. LBLAS
[KJ96, JO92]. Leading
[OCC+08, SSQ08]. Learned [PK04]. Learning
[AH93, AK93, CBM13, EEL15]. Leasing
[EW06]. Legion [GNTL97]. Length
[DLY+98, BS14]. lesions
[SKS+13]. Lessons [PK04]. Level
[BCC+01, BBC+00, DD99, DD91, YK04, DEL+12, LRG+16, Udd17]. Leveraging
[CH13, LYL+16]. Liber8tion [Pla09]. Libraries
[DMT01, GFD05, LDB+06, PRB+01, PMS+04]. Library
[BK07, CE00, MA15, DEL+12, JC12, Poz97]. Ligature
[KBA00]. Lightspeed [PPK+04]. lightweight
[SSU+12]. like [CSV91]. Limited
[KR11, TW87]. limits [THH+13]. Linda
[MAT95, SSMN92]. Line [LWO97]. Linear
[AGL87, BS88, BDL+07, CDQS04, CL95, CDP+94, Don02a, Don02b, Ede93, GJM88, JO92, KVV+90, KJH96, MC90, MA00, MA15, Man97, NZ93, Poz97, WT99, CVG11, FBT13, KUM89, MBvdG13, RDG12]. Link
[TLG98, Pet87]. LINPACK [DL09]. Linux
[ALL13, AN09, CK01, GSHL03, Jon12, LNL05, SG09a, YIN+11]. Liquid
[DQFW90]. Livermore [WG190]. Living
[GHZ10]. Load
[BG09, BFN07, GSO5, GLGLB+11, MCYR06, ZBMK11]. Load-Balanced
[BFNV07]. Loads
[DLG06]. Local
[BRT+92, MYC92, PNC16, JO92, KJH96]. Local-Creutz
[BRT+92]. Locality
[BPBL11, PHC+10]. Localization
[CYT+02, MJGL13]. Localized [WCE95]. Logical
[SR98]. Long [Gro03, HRM89]. longest
[Ozs16]. Looking [AK93]. Loop
[IS96, YK04]. Loops [WG190]. Loss
[ZOF90]. Lossless
[Arm07]. Low
[DF08, KR11]. Low-Complexity
[DF08]. Low-Storage
[KR11]. LU
[BLRR01, DD99, DD91, Tis97]. Machine
[BR03, CC95, CSV91, CBV97, EEL15, KKD03, MC90, SS89, Wit92, ZK93, BAP+12, CBM13, SU+12, BJ92, GKH+91, HZ91, KDK05, LK10, LPG88]. machine-learning-based
[CBM13]. Machines
[AH93, BBDR95, CDT05, CB95, HC10, HGWN14, Jea13, KS89]. made
[ASHH16]. Madre [SS10]. Magma
[NTD10]. Magnetically
[ACG+90]. Magnetohydrodynamic
[ACG+90, FU12]. mainstream
[BHK+13]. Major
[GL09]. Making
[BPBL11, Deec10, GWKN08, BHK+13, KT94]. Man
[Wit92]. Manage
[HBS08, ESW+12]. Management
[AF09, AD93, BPK+07, DD96, Dar00, HTSK90, MWW+08, MK09, PK04, SE92, YB07]. Managing
[Spr06]. Many
[GLZS14, TMWS91, BH12, LNSMMA15, MSPSI15, PSV+16, Udd17, ...
Minimization [Rao02, LPB+16].
Minnesota [Aus92]. MiPAX [HKK88].
MIPSPRO [CW05]. Missions [SKB01].
Mixed [BDL+07], MM2 [PUR94]. Mobile
[FP02, QWC02, YBA+03]. Mode [LRT07].
Model [ATN+00, ACD07, ABA87, BFLL99,
BE07, BENV07, BG02, BRT+92, CBW95,
G05, GP93, Ish91, JLO05, Kep04a, Kj05,
KM95, LR07, LPJ98, PRP03, SSSW91,
G09b, SG09a, Sr05, Ste09a, TD08, VFD04,
W01, WHL03, CDG+14, CMHB15,
DAB+12, GDKWS15, IYK16, SDF+17,
TNLP13, WDH+15, YWL+14, Cow08,
CJ05, DWH+12, DEE+12, DJC05,
E5W+12, HVKI05, JLO05, LJO05, MS05,
MW12, PLS05, WD05]. Modeled [WJS+90].
Modelling [AS00, BELF07, CWHP99, CC95,
CTD+05, DR06, DDS7, DSD+91, EGG05,
EDS95, HVWS09, HWS09, JO90, MOK00,
MWC+05, Men00, MCU+13, SG91, SVVB13,
SK92, TH+96, THL88, WSC205, YK07,
YW93, YCZM07, CVJ12, DCM+17,
GSK+15, MMHL11, SE12, UCZ+15].
Modelling [STS17]. Models
[ARR99, BV11, BRGR11, BR03, BBD00,
DGD+04, DFC90, Gir02, HO05, HAF+96,
II93, Kal09b, LJO05, LR09, LRO10, MA89,
PA11, Pet87, RW03, Ste09b, UB95,
VD04, WOS08, WW92, ZC92, DTD14,
DEL+12, HLS+17, VSN14]. Modern
[BGD+00, ESW+12]. Modified [HB90].
Modisazure [ACF+11]. Module [PLS05].
Modulo [Gro93]. Molecular
[BYT91, GBG+94, CH94, CWG09, CSY10,
DQFW90, DGD+04, DFC90, KVV+90,
MP94, Nak99, NHG+96, HWX+13].
Monitor [BH06, SSU+12]. Monitoring
[LWOB97, MR04, PHB04, SC09, Sp06,
VR00]. Monte [BRE+90, CH94, DFT+15,
FSS13, LM03, LPB+16, MWAR87, MB87,
SADB13, SSSW91, SSR+14, VSS+13, ZK93].
mortar [LPB+16]. MOSFET [VSS+13].
MOTEUR [GMLP08]. Motions [DFC90].
moulded [WSD+14]. Moveout [LT90].

MP [AEPR92, De93, DH96, Lai93, LT88,
MYC92, MS92, YW93]. MP/416
[THL88]. MPH [HD05]. MPI
[Ano94, Ano01a, BCG+10, BCS+10, BBS99,
BBS+14, BF01, BBDH14, BHH+13,
BIC+10, BHK+06, BBS+00, BRRM03, Bt10,
CBL10, DLD07, DGB+14, FD04, FCLG07,
FSC+11, GFD05, HC10, HGMW12, IMS16,
KM+14, LRG+16, LRT07, KLCCW07,
M02, OGM+16, RTRG+07, SCB14, SC04b,
SL95, YSP+05, ZKRA14, SZC12]. MPI-2
[HGMW12]. MPI-Based [FSC+11].
MPI-IO [BIC+10, LRT07]. MPI-OpenMP
[MS02]. MPI/OpenACC [OGM+16].
Mpi/Openmp/GPU [SZC12]. MPI2
[MP98]. MPICH
[BHK+06, Cot04, GL97, TRG05].
MPICH-G2 [Cot04]. MPICH-V
[BHK+06]. MRI [SKS+13]. Much
[RAGW93]. Multi
[BKRSR09, BH12, Br10, KDH11, OKTR11,
SSR+14, TNBG07, YK04, ADP+15, BGM15,
CAE+13, CZR+11, DCF+14, KI113,
LDW+12, LVA+13, LNSMMA15, PSV+16,
TKA+17, VSS+13, VOL+14, YFS+14].
multi- [PSV+16]. Multi-Core
[Bt10, BH12, KDH11, SSR+14, CAE+13,
KI113, LDW+12, LNSMMA15, TKA+17,
VOL+14, YFS+14]. Multi-Criteria
[BKRSR09]. multi-GPGPUs [ADP+15].
Multi-GPU [OKTR11, BGM15].
Multi-Hop [TNBG07]. Multi-Level
[YK04]. multi-order [CZR+11].
multi-physics [DAC+14]. multi-processor
[BGM15]. multi-subband [VSS+13].
multi-threaded [LVA+13]. Multiblock
[KDL01, Ytt97]. Multibody [BGI+99].
Multicommodity [NK89]. Multicomponent
[HD05, SVN09]. Multicomputer [Man97].
Multicomputers [MOK00]. Multicore
[CWG09, BSK14, BSH+16, DTDP14,
LWT+11, MPD+12, OPW+12, THI+13].
Multicriteria [CJ06]. Multidimensional
Object-Oriented [NHG+96, SE12]. Observations [NHG+96]. Objective [PPK09].

OpenACC [MGS+15]. OpenMDA [DGJ09]. Opening [PRT90]. OpenMOC [BSH+16]. OpenMP [BF01, BBHD14, BBC+00, MS02, OPW+12]. Operating [CW01, EDVS06, HI12, HI13, IH15].

Offload [BRU05]. Offloading [GWKN08]. Ohio [BBW90]. Oil [KR94, KR95].

OpenACC [MGS+15]. OpenMDA [DGJ09]. Opening [PRT90]. OpenMOC [BSH+16]. OpenMP [BF01, BBHD14, BBC+00, MS02, OPW+12]. Operating [CW01, EDVS06, HI12, HI13, IH15].

Operation [BBR10, BHdR09]. Operations [FCLG07, GFD05, MS09, TRG05, TGT05, GG14, KMH+14]. Operators [FSD08, ZM07, LMT+12]. Opportunities [Cap09, KMW+13]. Optical [JGK15].

Optimal [BR03, FG97]. Optimisation [VSS+13]. Optimization [ABB+94, BFLL99, BGB+96, BDLF07, HL10, HA91, IYV04, KMH+14, LT88, PPK09, RW03, SCB+95, SR05, TXD+07, TRG05, YLL+14, BRGR11, BH12, IMW+13, KES+17, MEA+13, UZM+14, YWL+14].

Optimizations [PSV+16, DCD+13, Jea13, PUR94].

Optimize [KKCB98]. Optimized [MSK29].

Optimizing [FSS13, GG11, KILL13, MAB+13, MCG04, Mor89a, TGT05, WCE95, WCD99].

Optorsim [BCM+03]. Order [CC95, uITH07, THL88, CZR+11, OGM+16].

Organic [CBL06]. Organization [FWSW02, FKT01]. Organized [BGF02].

Organizing [CBL06, GHZ10]. Oriented [NHG+96, CMN12, Hua03]. Orography [GS05]. Origin [WW92]. Outcomes [RAB+15].

Overarchings [Kep04b]. Overhead [MSMW07]. Overheads [BCG+10, GNB11]. Overlay [BBDR95, BRU05, INY+14].

Overlapping [PR95]. Overview [AGR+03, DF+96, DJC05].


PANORAMA [DCM+17]. Papers [Lee03, Moh09, OL05, DT11, KKD03].

Par-BF [LGDH16]. Paradigm [BGB+96, DCL+08]. Parallel [AWS01, AAC+97, AS00, APD+15, AK91, AM00, AHB+16, AEPR92, ABB+94, GGG05, BDP01, BCCL09, BB+91a, BOD+91, BYCB05, BK07, BBDR95, BBC+00, BSH+16, BG00, BEF+95, BGB+96, BHH99, CCH+88, CCZ07, CE00, CDH+93, CL95, CCBS11, CH94, CBW95, Cho01, CSV91, Chu99, CEL+97, CB95, CM97, CJK+05, DEKV92, DLY+98, Dem90, DIB00, DFS+05, DZRS99, DTM01, DZDR95, Ede93, EGG05, ED95, FG97, GCC+03, GKN+96, GKP97, GDS17, GF93, GGS01, GL97, GKMT00, HVWS09, HVWS09, HR97, HLW00, JH96, HT04b, HS93, HZ91, IBC+10, JLO05, JL89, Jon92, KD01, KC92, KT99, Kok88, KR11, KKV03, KS05, LJO05, LPJ98, LWO97, Lust09b, MC90, MS09, MMD98, MA15, MS02, MSMW07, MWAR87, MPG93, Mat95, Mav02, MD99, MWC+05, Meu88, MBF+11, Mon89, Mor89b, MS92, MS95].

Parallel [NK98, NKR90, NKK+08, NHG+96, NZ93, NFK98, NK+00, OWO98, ODD07, Pan92, Pan97, PR95, PPR03, PC08a, PK94, RW03, RR96, RS03, SBF90, SWW94, SABD13, SW01, SS89, SPTT08, Sha88, SCB+95, SM06, SR98, Sim90, SSNM92, SG91, SK92, SBG10, SSB97, SSW94, SWW94].
Syüz7, TBA+17, TLG98, TMW+99, TR92, 
Tis97, TD08, UB95, VLO+08, VSHN14, 
WSCZ05, WG07, YRA+02, YHG+07, YW93, 
YCZM07, Ytt97, ZK93, ZCZ+13, BH12, 
BCLP17, CMHB15, DAB+12, DEL+12, 
GHL15, GHHS15, HKK88, HLW, 
GHL15, GHHS15, HKK88, HLW+16, 
HLS+17, IMH+11, IMH+12, KT94, KES+17, 
Kum89, LPG88, LGDH16, LWT+11, MJ16, 
NMAE13, TRS13, WVL+16, WEPB12, 
DP05, KJ05, KKD05, LK10, 
Parallelization [AHB+16].

Parallelization
[BSW+14, VSS+13, WSD+14]. Parallelism
[ACM88, CFK+94, MYC92, dSSB+08, 
Jon12]. Parallelization [AJL+97, CBV97, 
Cow08, Cza03, DGP+97, GCD97, HE01, 
KM95, LP10, LVA+13, MCW+00, Ren92, 
WBG06, CDG+14, Ozs16, SZC12].

Parameter [FBBC03, SH03].
Parameterizations [WD05]. Parameters
[LR09]. ParaScope [CCH+88].

PARCOACH [SCB14]. Park [UB95].
Parkbench [HL00]. Parmetis [LDGR03].

Part [HVWS09, HVSW09, SR05]. Partial
[Key09, Meu88, KS89, YZC+15]. Particle
[DR06, DD87, MB87, MD09, MR90, 
PGTS01]. Partition [LQJG16].

Partitioned [MHW15, SBG10, LGDH16].
Partitioner [SR05]. Partitioner-Centric
[SR05]. Partitioning
[LR07, SR05, WCDS99, Ytt97, SABD13].

Partitions [WCE95]. Passing [Ano94, 
BC14, BBH+06, BRU05, CGW09, Cot04, 
GL04, IBC+10, KKD03, KKD05, LL10, 
MIP98, SWHP05, TGT05, ZKRA+14, SLG95].


Path [BH00]. Path [Luc09]. Paths
[Rao02]. patients [SKS+13]. Pattern
[BE07, APD+15, SKS+13]. Patterns
[CHO01, GRC08, GKB93, SR98, BR17, 
EEL15, HGMW12, WEPB12]. Patterns/ 
Operators [GRC08]. PC
[CDT05, CK01, LWL05, Ste01]. PCs
[AWS01]. PDEs [Ma00]. Peaks [TC10].

416 [THL88]. 600J [DEKV92]. 80 [DD91]. 
860 [HGD91, KR94, KR95]. Albedo 
[Tho90]. B.E. [BPBL11]. CGMLIB
[CDT05]. Computation [BBDR95]. DAC 
[Ca03]. Exascale [Cap09]. filtering
[LMT+12]. GPU [SZC12]. JPL [Din91].
Logical [Chu99]. MPI [OL05, SSS+05].
Numerical [THDC09]. OpenACC
[OGM+16]. Openmp [SZC12]. Operators
[GR08]. output [LCZ+15, WVL+16].
Polymer [NMAE13]. Real-Time [KK01].
Restart [SSB+05]. s [LYL+16].
Segmentation [Kal09a]. Tuning [Kal09a].
verification [BRR17]. VF [DD89].

PERFECT [BCK+98]. Performance
[AS00, ATN+00, Ano98a, Ano99, Ano00, 
Ano01a, Ano01b, ARR99, Aus92, BGI+99, 
Bar09, BAA+06, BCK89, BBDH14, BBW+10, 
BFNV07, BRM03, BRT+92, BDD00, 
BG+00, BCF07, CDQS04, CWHP99, 
CC95, CK01, CDP+94, CAK+07, CSY10, 
CEL+97, CB95, CJ+05, Dar00, De93, 
DH96, DGD+04, DGJ00, DOE+09, FGC+05, 
FGJ+04, FSC+11, FSN08, FFR+10, FU12, 
Gun00, HIT+14, HVWS09, HVSW09, HR97, 
HL00, HLW00, HLSK11, IS96, Iky+10, 
IHM87, JLL04, JMC05, KBA00, Kep04a, 
KHP+04, KJ05, KDL01, KWB06, KSN09, 
Kuc04, KUE+00, LR07, LR09, LS90, 
LW05, LD07, MSMW07, Max02, MA89, Men00, 
MJ04, MNN09, MSK92, NF98, NPT+06, 
NTP06, NKP+00, Num04, OCC+08, 
PSP+04, PF16, Poz97, PL05, QWIC02, 
RIF01, RBL08, SBB09, Sab91, SWHP05, 
SQ08, SCB+95, SM06, SVN09, SC90].

Performance [Spr06, SKB06, Ste01, Ste04, 
SG10, SFP02, SBB06, SW04, THA+96, 
TMW+99, TAR+08, THDC09, VR00, 
VDB04, Wad99, WT09, WBF04, WG07, 
WD05, Yel04, YK04, YIN+11, YSP+05, 
ZLS99, BRGR11, BSH+16, BAP+12, 
CGGC+16, CS14, CZR+11, CMHB15, 
DTDP14, DCM+17, DVW+12, DHL16, 
DAC+14, ECG+13, EKD+12, Fer90, GHL15, 

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TMW+99, BBG+14, CZR+11, MSPS15, PSV+16, THH+13. Product [MCG04].
Production [MSK92, SH93]. Productivity [Bar09, FGJ+04, KKSO4, Kep04a, Kep04b, Kuc04, SB04, Ste04]. Profiling [MSMW07, SGFC09]. Program [Kit90, NHG+96, WG07, Fer90, KJ05, Web91]. Programmability [CCZ07, CLSS09]. Programmable [HC08]. Programme [HT04a]. Programming [BBG+10, BV11, BF01, BDG+00, CCH+88, CWG09, Cza03, EGG05, Gir02, Kalk09b, KKS04, Kok88, Lus09b, Mat95, NPT+06, PA11, PBA09, Poz97, RW03, Sha88, SCB+95, Syz87, VEMR17, WLB92, GDKWS15, HLS+17, MGB12]. Programs [ACM88, DLB07, GL04, HC10, LWO97, N93]. Progress [AGL87, BRU05, CAE+13]. Project [BHK+06, CBB+96, PK04, Wit92, BCC+01, DBA+09, DBM+11, Mic09, OKTR11, Pet87, PHB04], projects [ACE+11]. Promising [Gir02]. Propagation [GKN+96].


Reactions [ASW91, Reu92, TW87]. Reactive [PGTS10]. Reactor [FSS13]. Ready [Sim90]. Real [BE17, NRR97, ODD07, TAR+08, VR00, WLC91, Wri12, HPW+16, MJGL13].


Redistribution [DP05, JW06, RR06, SS10]. reduce [APD+15]. Reduced [BFLL99]. Reduced-Dimensionality [BFLL99].
Reducing [DLY+98, JMC05]. Reduction [NRR97, ATL+15]. Refinement [BDL+07, HT04b, SR05]. region [SPN14].
region-based [SPNB14]. Regional [KM95, CDG+14, WSC05]. Regression [BS03]. Relational [MS90]. Relative [PUR94]. Relativity [RIF01].
Reliability [TNLP13]. Remeshing [LG03]. Remote [BB02, DP05, NTK06, HGMW12].
Remotely [VLO+08]. Renaming [BPBL11]. rendering [BH12]. Replication [BCM+03, BCR+14]. Representations [AS00, WW92]. Request [DD06].
Requirements [LPJ08]. Research [Aus92, ABB+94, Cap09, CDP+94, Duk91, IHM87, KHK+99, Mir90, Pan97, SG09b, SKC10, TR92, BBW90, KT94, EM89].
resilience [Mat03]. Reservoir [AWS01, Ewi88, KR94, KR95, PR95, ZC92].
Resilience [CGG+09, BCR+14, LFB+15].
Resilient [KS05]. Resolution [DFS+05, HB00, MAB07, WOS08, CHW+15, DVE+12, WDH+15]. Resource [AAF+01, EW06, FBBC03, MFK09, Mat03, WPB001, YB07, CDRV15, MRD+15].
Resources [QH08]. Response [BBC+00, ZOF90]. restoration [APD+15].
Restraint [CGB+94]. Results [BMR06, GNTLH97, Jea13, PUR94, WLVL+96, BRGR11, BSH+16]. Rethinking [KES+17]. Retracted [IMH+12].
Rings [RRV06]. RISC [Gro03].
RISC-Based [Gro03]. RNA [SCB+95].
Rolling [FFNP97]. Routines [CDQ054]. Routing [CHZ02, MOK00].
Run [DLY+98, LYL+16]. Runge [KR11, RR96]. Running [Fra05, MGB12].
Runtime [AJL+97, BH00, Dar99, Kal09b, LS06, HI12, HI13, HI15].

S [Lai93, WOG95]. S-3800 [WOG95].
S-MP [Lai93]. SAMCEF [GCD97].
Sampling [MR04]. SAR [AAC+97]. SARA [SBWS99]. Satellites [BKS+07]. Saving [TNBG07]. SCALA [SFP02]. Scalability [BCYS11, DR06, FSC+11, GSO5, HLW00, MWC+05, YIN+11, DAB+12, MW12].
Scalable [CD06, CHZ02, DW97, DMT01, FKT01, HGMW12, IBC+10, JSSZ09, MCW+00, MS05, MAJJS03, SFP02, WLB92, ZLGS09, ZRC+06, dPldA03, DEE+12, YB12]. Scalar [Ish91, OCC+08, FU12, KS89]. scalar-type [FU12]. Scale [AS00, AK91, BDP01, Ber92, BCC+06, CWHP99, Ewi88, Fra05, GGS01, Gun00, GNB11, Her09, HLW00, HSLK11, Joh01, Key09, KUE+00, LT88, LC06, MPS15, Mor89b, NKR90, Nak09, Pet87, YRA+02, ZRC+06, dSSB+08, BAM+16, DCM+17, EEL15, GDKWS15, GMWG10, HIT+14, LM03, LDW+12, MBHF15, MJ16, MRD+15, STP+13, VOL+14, ZKRA14]. scales [BEW16]. Scaling [CGB+94, CK01, CLM+16, GHHS15, ZM07, GR17, INY+14].
Scattering [MBF+11]. scene [SABD13].
Schedule [SBWS99]. Scheduler [LS06, TR17]. Scheduling [ATN+00, BKRS90, BKP+07, BR03, BBH+06, CJ06, CPD09, CBL06, DLG06, Eyr06, JW06, KCC+06, LJC+10, MYCR06, SG07, TR17, WvNM+06, Jon12, LQGJ16, Mat03, OPW+12]. Scheme [BG00, GS05, KPR17]. Schemes [BS88, BSS15, SZC12]. Schrédinger [BFLL99, IKY+10]. Schwarz [GKMT00, PR95]. SCIARA [SDF+17].
SCIARA-fv3 [SDF+17]. Science [All88, CD97, CDH+97b, Duk91, GKN+96, GL09, HBSM03, HTO4a, Joh01, Nas92, Sab91, Web91, WWA+11, ACF+11, CMS+11, HWP03].
Sciences [NKR90, DGH+93]. Scientific [AS00, BAA+06, BJK07, DT99, DT11, DT17, Fol90a, GL97, HME90, Hab90, HLP+03, JLL04, JMC05, KPM+96, KWB06, LS90, OCC+08, SE92, vLRA+03, ASH16, CMS+11, DMQS12, DCD+13, DAC+14, EKD+12, FKA+17, LWT+11, MGB12].
sclerosis [SKS+13]. screening [MPSI15].
SE [DEE+12, KJH96]. Sea
[MWC+05]. Solution [BDL+07, CGB+94, KBH88, MR90, PRT90, RS03, uITH07, TMMR10, CSGM17, CCBS11, CvG11, CMIN12, ESW+12, RDG12]. Solutions [Fro91]. Solve [BCCL09, CDH+93]. Solved [CSV91].

Solve [BGG05, BH99, CM97, HR97, KDL01, Mov02, PR95, BSW+14, ESW+12, OGM+16, ZZZ+14]. Solvers [DR06, GGS01, Key09, KR11, ATL+15]. solves [SZ11]. Solving [BS88, BFG00, CB95, DFS01, Key09, PPS09, Tho90, WW92]. Some [Gir02, PS09]. Sometimes [Gir02, PPS09].

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