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**Title word cross-reference**

2 [VSS+13, Wal18], 2564 [IKY+10]. 3
[AKW19, ARR99, BGM15, CSGM17,
FIMU19, GGS01, HSLK11, KC18, PR95,
SSCF19, THL88]. 2 [AMC+18], 3 [KPST18].
α [TKSK88], d = 2 [BRT+92], H [YIYD19],
CH + H2 \rightleftharpoons CH_{3} \rightleftharpoons CH_{2} + H [ASW91],
CuO_{2} [SSSW91]. ILU [SZ11]. k [TNLP13],
K_{2} [CBW95]. LU

[BLRR01, DD89, DD91, IGDQO19, YZC+15].
M \times N [BYCB05, DP05, JLO05]. N
[HJ96, SWW94, DAB+12, FT19, RTRG+07].
* [NC18].

-Body
[HJ96, SWW94, RTRG+07, DAB+12, FT19].
-D
[SSCF19, ARR99, GGS01, PR95, THL88].
-matrix [YIYD19].
Applied [VLRA+03, BE17, IKMS+19].

Applying [Dem09, LDGR03, MBHF15], Approach [BYCB05, DZ07, FBW+87, KS09b, LDB+06, NTKP06, Sha88, uITH07, Spr06, DCM+17, FTB13, GS18, HL+19, HGWN14, IGDQO19, KBY+19, MGB12, MP18, MJDB16, PNFC16]. Approaches [SWHP05, MJGL13]. Approximate [Cho01, HFV+12]. Approximation [DGJ09]. Aqueous [PRT90]. Architectural [Gro03, TXD+07]. Architecture [BAA+06, Hu03a, HWP03, Ish91, KBA00, KFM+10, SC04b, MMDA19].

Architectures [BFLL99, GD09, HDV18, HLV00, HSLK11, MS02, RW03, RS03, SSQ08, AKC+19, BSK14, HFV+12, IMH+11, IMH+12, JO92, KILL13, LNSMMA15, STP+13, Udd17, VOL+14, YFS+14]. Area [DFP+96, MYCR06, MAJS03, NBB+96, Rad18]. Argonne [Don89]. ARION [HLP+03]. Arising [Ma00]. Arithmetic [BSBF99, Gro03, LH19]. ARMCI [NTKP06]. Army [Aus92]. Array [BBDR95, CY+02, JO92]. Arrays [HC08, NPT+06, CBD+17, DFT+15, Wall18]. Arrival [Wit92]. Artificial [Ano87d, YME19]. ASCII [PK04]. Aspects [RW03, ZO90]. Aspen [SVPB13].


Asynchrony [WWA+11]. Atmosphere [DEE+12, HAF+96, MS05, MW12, TD08, AGC+19, EAG+19]. Atmospheric-Ocean [HAF+96]. Atmospheric [ARR99, DFS+05, GGS01, WD05, AWWG19, MKM+19]. atom [TSH+19]. Atomic [HB90, IHMM87, LRT07, SYF96].


B [An02h, An01a, An02g]. B.E. [BPBL11]. Babel [EKD+12]. Back [BPBL11, BIC+10, BBD+17]. Balance [BG09]. Balanced [BFNV07]. Balancing [GS05, GLGL11, ZBMK11]. Band [Tho90]. Banded [An02k]. bandwidth [CIWI17]. Based [AM00, CY08, CLP+99, DCL+08, FSC+11, GGS01, GRC08, Gro03, GSB04, Hu03, Key09, MWM+08, Nak99, Num04, PGTS10, PPK09, PBA09, QH08, SG07, TCW06, TC10, VDB04, WPB01, ATL+15, BGM15, BE17, BEW16, BAP+12, CBM13, CHT+19, CZR+11, CCB18, DSH+16, DAB+12, EDB19, FTB13, GSA+19, GDS17, HTD+14, HHL+15, HLP+03, JKD+11, JDD18, JKBW18, LM03, MGB12, MSHPV18, MJGL13, NC18, PSV+16, STH+13, Sta19, SDI+19, SPNB14, TR17, TPG+18, WLW19, WZH17, YZC+15, YWW+14, ZZZ+14].

Basic [Gir02, JO92, KJH96, Don02a, Don02b]. basis [EKF+19, LDLD19]. Batched [HDL+15]. Bay [WLW+96]. Bayesian [KPST18]. Beambeam3D [SSQ08]. Beamforming [CYT+02]. Bearing [FFNP97]. Behavior [AK93, DCN17].
...
Computer-Aided [MM90]. Computers [Ano87f, BOD+91, BBA87, BH99, CDH+93, CDP+94, EDS95, FG97, FFPN97, GP93, Gun00, IS96, Jon92, Men88, CGST19].

Computing

[ATN+00, Ano87a, Ano87d, Ano94c, Ano95b, Ano98b, Ano98a, Ano99, Ano00, Ano01b, Ano92, BV11, BM12, BM13, BGI+99, BAA+06, BRT+92, Bus87, CWHF99, DF18, Dar00, Dem90, Don89, DT99, DMT01, DT11, DT17, DCL+08, Edel93, EDSV06, EW06, Ewi88, Eyr06, FGC+97, FGJ+04, Gaf88, GHM+10, GMWG10, GNTLH97, GL97, HME90, Her09, JLL04, JSSZ09, Joh01, KDH11, Kep04a, KT99, Kuc04, KHK+09, KS05, LJC+10, LD07, MPS15, Ma90, MYCR06, Mar87a, Mat95, ME14, PP09, PA11, Rao02, RAGW93, Sab91, Sal87, SKB01, Ste01, Ste04, SFP02, SK10, THDCo9, Wai03, YBA+03, ABH+18, AFGQO19, AMB+18, ARPY19, BE17, BTRZ+19, BLOR18, BAP+12, CGW19, DTD14, DHL16, DT19, DAC+14, ECG+13, EDB19, EKD+12, Fem90, FKA+17, GR17, Har11, IYK16, IFA15, JDsA+17, KT94].

computing [LDLD19, LBB17, MEK+19, MFB+19, MCU+13, PPC+16, SWA11, STS17, TLPN13, VSH14, WZHG17, WD19, ZKRA14, Lee03, Ano94a, Ano95a, Ano96a, Ano97b, Ano97c, Ano97a].

Computing-Numerical [THDC90].

concurrency [DGB+14]. Concurrent [AH93, BMW87, Fr91, BGR91]. Conference [Gaf88, OL05, KKD03].

Configuration [AEPR92, LTPK17, LB17]. Configuring [PPK+04]. Confined [ACG+90]. Confinement [BGB+18].

Conjugate [AH93, CSV91, MG87, DHL16, KMM16, PSV+16, PF16].

conjugate-gradient [DHL16]. Connecting [BKS+07]. Connection [Ano87d, Don87, BJ92, CC95, GKH+91, HZ91]. Conquer [Cza03]. consensus [KDNE18].

conservation [LH19]. Consistent [KS09a].

Consortium [GS09]. Constant [MP94].

Constrained [FSS13, LJ+10, NKR90, IK18]. constraint [DAB+12]. constraint-based [DAB+12].

Constraints [CY08, GSHL03, BLOR18, LCZ+15].

cost [PS12]. consumption [BLOR18, CCGC+16]. Contaminant [ABF+99].

content [LFB+15, MRD+15]. content-aware [MRD+15]. Context [KDH11, QH08, YBA+03, CZR+11].


contrast [RPdB+19]. Contributors [Ano91b, Ano91a, Ano92g, Ano96c, Ano96a, Ano97b, Ano97c, Ano98a].

Control [AK91, AK93, Dar00, DFH+96, VR00, HRW19, WDW+12]. Controlled [DS+91].

Controllers [MFOAGE18]. controlling [OF17]. converge [CCBL18]. Convergence [BBR10, DFS+05]. convex [SH93].

Cooperative [DBA+09, DCL+08, kLCCW07, IK18]. Coordinate [YRA+02]. Coordinated [FP02]. coprocessor [VEMR17].

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

CORBA [PPR03]. Core [Bri10, DFS+05, MS05, AKC+19, BBG+14, BH12, CAE+13, DEX+12, DDKK19, KDH11, KILL13, LMT+12, LDW+12, LNSMMA15, MSPSI15, PSV+16, SSR+14, TKA+17, Udd17, VEMR17, VRB+19, VOL+14, YFS+14, GLZS14]. cores [DJ+19, FU12, INY+14, LYL+16]. Cornell [Mer87]. correction [AG18, YFS+14].

Correlating [CS+14]. correlation [CLG13, GHL15]. Correspondence [BH99, IS96, PTGB02, WLB92].

Corrigendum [Ano19]. Cortical [WW92].

Coscheduling [BL99, CAK+07]. Cost [LJ+10, PPK09, TR17].

Cost-Constrained [LJ+10]. Coulomb
Derived [SWHP05, MDH+18]. deriving [IGDQO19, MBvdG13]. describing [ABH+18]. Design

[AEG+03, BGI+99, BBH+13, BBMB19, BRM03, BH06, CE00, CLP+99, CTD+05, Dar00, DZRS99, DFH+96, DJC05, EGMP93, FGC+05, GJMS88, GCCC+03, GHM+10, GD09, KS09b, PPK09, SD87, BG11, DTL19, UZM+14, UCZ+15, Mar87a]. Designing [RWM17, SWHP05, SKS+13]. Desmos [SDI+19]. Detailed [EDS95, SBBS06].

Detection

[CBL10, YZC+15, AG18, BSS15, HGMW12, KDNE18, VOL+14, WLG+18, ZCZ+13].

Detector [DZDR95, Ano19, BBG+18]. Determination [BHK+88, CSY10].

Determined [CGB+94]. Deterministic [DR06, DMSMG18, SLL+19, DEUS, RAB+15]. developed [CVJ12].

Developing [THDC09, PPC+16].

Development [Ano01a, BCC+01, BBD00, Dar99, HL00, HRM89, Kal09a, LC90, LD07, MM90, MS19, PPS09, Eri88].

Development/Tuning [Kal09a].

Developments [YSS+06]. device [Lai93, OF17]. Devices


Dielectric [ZOF90]. Diet [CD06].

Difference [CC95, THL88, EKF+19].

different [LWT+11]. Differential [Key09, Meu88, KS89, RMS+18].

differentiation [HHSI91]. diffraction [EEL15]. Diffusion

[BFNV07, EDS95, SG91, TWK87, LMT+12].

Diffusion-Limited [TWK87].

diffusion/filtering [LMT+12]. Digital [MP93, YFH+96, GHL15]. dilation [LST15]. Dimensional

[BCZM07, CSY10, EGG05, LT90, MT89, BE17, KS89, KRR19, LSS93, YFS+14].

Dimensionality [BFLL99]. Dimensions [TWK87]. Dip [LT90]. Dipole [DGJ09].

Direct

[Bri10, CM97, HVWS09, HVSW09, LWL05].

Direction [Mah90]. Directionally [SZZC12].

Directions [Fol90a]. Discharge [YW93].

discontinuous [AWW19]. Discovery

[AEG+03, AAF+01, ASA19, AEG+03].

Discrete

[DGJ09, Ham91, DMSMG18, Mon12].

discretizations [LI19]. discriminating [SKS+13]. disembarking [GDS17]. Disk

[KNP+87]. Dislocation [HSLK11].

Disordered [KLY+90]. dispel4py

[FKAl17]. Dispelling [Ano87c].

Dissemination [GL97]. Dissolution

[Cla91]. Distance [HME90, KR11].

Distances [KTL18]. Distributed

[AKP08, AF09, BGG05, BFLL99, BGF02, CWHHP99, CYT+02, CLF87, CB95, Dec10, DFMD94, DCCS10, EDSV06, GKN+96, GGS01, Gir02, HC10, HD05, HvV18, JMP02, KT99, LWO89, MYC06, MVR+87, Mat95, MCW+00, Nag89, NKP+00, QWIC02, Rao02, RBM87, SWG+03, SPNB14, YIY19, YRA+02, ZRC+06, dPlA03, ABH+18, CBD+17, EBB19, GEKO19, JRT16, JO92, THDS19].

Distributed-Memory

[MCW+00, YIY19].

Distributing

[CBBS01]. Distribution [TCW06, TC10].

Distributions [DZ07]. Divide [Cza03].

Divide-and-Conquer [Cza03]. dividends

[DTL19].

Divisible [DLG06, MYC06].

Division

[Bus87, Don89]. DNA

[DTDP14, HB90, MP18, PRT90]. Docking

[GHM+10]. DOE [HBSM03]. Domain

[Cha88, CDH+97b, GCD97, Lai93, Meu88, WCD99, CSGM17, IKMS+19].

Domain-Specific [CDH+97b]. Donation

[TCW06]. Donation-Based [TCW06].

Double [PRT90]. Drift [BFNV07].

Drift-Diffusion [BFNV07]. Drive

[HE01, PPS09]. Driven [CHZ02, DCL+08, YB07, BTRZ+19, DAB+12].

drug

[MSPS15]. Dual [BBC+00, FT19, ISH91].
Dual-Level [BBC+00]. Duration [CY08].
DV [TKSK88]. DV-X [TKSK88].
Dynamic [AAB+01, ABAS87, BCM+03, BG00, CY08, DLY+98, DFMD04, GFD05, HWP03, IMB+19, SCB+95, SVN09, TM99, LGDH16, MJD16, SCB+14]. Dynamical [DFS+05, FBW+87, HT04b, MS05, SWW94, DEE+12, DDKK19, LMT+12]. Dynamics [ACD07, BMT89, CGB+97, Cha88, CWG09, DQFW90, DGD+04, Gen88, Gun00, HL10, HSLK11, JL89, KVY+90, MP94, Nak99, NHG+96, PRT90, RBMF87, SK90, ABH+18, AKC+19, AKW19, CHW+15, HXW+13, KKL+19, SDI+19].

E-Science [HWP03, HT04a]. Early [GKN+96, GNTLH97, HG991, Kal09a, SLG95]. Earth [DVW+12, ES+12, MEK+19, CTD+05, CVJ+12, DEL+12, I+10]. earthquake [AHB+16, CMS+11, BAM+16]. earthquake-cycle [AHB+16]. ease [MFOAGE18]. EC2 [Pap11]. ECG [Arn07]. ECJ [CdVL+18]. Ecological [WBG06]. Econometric [ABAS87, GP93, PS87]. Economic [BE07, LC90, NKR90, SG07]. Economic-Based [SG07]. Economics [AK91]. Ecosystem [WBG06, AFGQO19]. Eddy [CK+01]. edge [BTRZ+19, CSGM17, Rad18]. edge-emitting [Rad18]. edge-FEA [CSGM17]. edge-to-cloud [BTRZ+19]. editor [DT18, DT19, WD19, DT17, WD18, dA03]. Editorial [CD+97a, Don92, DT09, Mar92, Mar94, Wit92]. Editors [BM13]. Education [Mah90, Sab91, KT94]. Effect [SKSG19]. Effective [BCK+89, Pan97]. effectiveness [TR17]. Effects [WBMY90, Haj93]. Efficacy [GWKN08]. Efficiency [ABAS87, DFS+05, GMH+10, ATD17, ECG+13, JdSA+17, MJD16, SFLC18, UZM+14]. Efficient [ACG+99, AEP+92, BRR17, CDG+14, DMT97, GMLP08, HS93, KCG92a, KCG92b, KKL+19, KUE+00, LR09, LR010, LP10, MG87, MFP+17, OW098, SC04a, TD08, BBMB19, KV19, LNSMMA15, MMDA19, Ozw16, RMV+19, SDI+19, TKA+17, Wall+18].
eigenvalue [HTD+14]. Eigenvalues [HS93, Tis97, UF89].

Electronic [DZV91, TMW+99, HTD+14, HIT+14]. electrophysiology [BSW+14]. Electroweak [BGK+90]. Element [AJL+97, BBA87, DFS+05, EGG05, FSN08, GCD97, KMR95, MMD98, MS02, THC+96, de 89, AFL+18, BS+14, DW+19, DEE+12, EAG+19, MGS+15, Mon12, PH19, SCKW19]. Eliminating [HM+90].

Embedded [KPR+17, Kko1]. Embedded/ [KK01]. emergency [GDS+17]. emerging [HFV+12, IMH+11, IMH+12, WD19].

emitting [Rad18]. Empirical [VDB04, CBM13]. Employing [GVF+18]. emulation [BAP+12, LST+15]. Enabled [CD06, CD97, CBB+04, DDD+06, MWM+08, DSH+16, LLD19]. Enabling [AGR+03, BTRZ+19, DGB+14, FKT01, Site09b].
Encoder [BKR+09]. Encoding [DL+98]. encryption [KV+19]. End [BV11, GHM+10, LD07, KNI+08, PA11, Rao02, SC09].
End-To-End [GHM+10, Rao02, SC09].

Endangered [BB02]. Endmember [HC08]. endpoints [DGB+14]. energetic [GSK+15].
energies [PUR94]. Energy [BE+90, ECG+13, HTSK90, HHM87, LTPK17, LWT+11, Mir90, SGFC09, YCHH90, ZOF90, ATD17, BRGR11, BLOR18, BBMB19, CHT+19, EJD+19, JdSA+17, LRLG19, SKSG19, Kit90].
energy-efficient [BBMB19].
Energy-optimal [LTPK17]. energy-saving
Engine

Engine-Driven [DCL+08]. Engineering

Evaluation [WVL+16]. Enhanced [BPK+07].

Enhancement [AAC+97, WT99].

Enhancements [BDG+95]. Enhancing [FSC+11, HLW+16]. Ensemble

ETA [LR09, LRO10, BE17, LNSMMA15, SH93].

Entropy [CBW95]. entry [CSGM17].

Environmental [DLY+98, TMMR10].

Environments [Ano01a, CCH+88, DD91, DLB07, GL97, MM90, dPiAd03, ABH+18, ASAK19, ARPY19, KKL+19, LSS93, WVL+96].

Epiphan [VEMR17]. epistasis [WLG+18].

Equation [BFLL99, BEF+95, Fro91, IKY+10, Key09, EKF+19, KRR19].

Equation-Based [Key09]. Equations

Equilibrium [NK90].

Equilibrium [NP93, NK89]. Era

[BM13, ME14, BM12, Con88]. Erratum

error [BSS15]. Errors

Estimates [LS06, McN89]. Estimation

Estimated [LR09, LRO10, BE17, LNSMMA15, SH93].

ETA [DD89]. ETA-10P [DD89]. Ethylene

[DV88]. Eulerian [INY+14]. European

[ISD9, MHW15, PHB04]. EUROPV

[LO05]. EUROPV/MI [OL05].

EuroPV [KDD03]. EV7

KHP+04]. evacuation [GDS17]. Evaluate

[WG90]. Evaluating

BBDR95, GFD05, LRG+16, VC89, YFS+14].

Evaluation

[ATN+00, ABF+08, Ano87b, BCK+89, BIC+10, BFNV07, BG02, BDG+00, CDQS04, CLP+99, KHP+04, NOM+19, RBL08, SWHP05, WOG95, YIN+11, AKP+18, BBG+14, HIT+14, NMI+19].

Evaluations [PPK09]. Event

[NRR97, BE16, DAB+12]. event-based [BEW16]. event-driven [DAB+12]. Events

[BG00, JDAD19]. Eviction [BH06].

Evolution [DAC+14, LBP18, WJS+90].

evolutionary [CdV+18, hDV+18]. Exact

[ZZ93]. Example [NBB+96]. ExaSAT

[UCZ+15]. Exascale

[AF09, Cap09, CGG+09, DBA+09, DBM+11, GD90, GL90, Her09, Kol09b, KS09a, KS09b, LAV09, Lue09, Lus09a, MNN09, PPS09, SG09b, SC09, Ste09b, BCR+14, MEK+19, SWA+14, UCZ+15, VFJ+15, YB12].

Excited [WLC91]. Excited-State

[WLC91]. Excitation [RAGW93].

Executing [WG07]. Execution

[MS09, AHB+16, DAB+12, JDD18, KILL13, TKA+17]. executions [RV15].

Exhaustive [PS12]. Expand [GCC+03]. expansion [AMC+18].

[Exps+08]. Expand [KMPJ08]. Expect

[Pan92]. Expectation [Am98].

Experience [HGD91, YHG+07].

Experiences

[DD06, GKN+96, Ren92, ZKRA14].

Experiment [HME90]. Experimental

[BCC+06, EGMP93, JW06, KGBK, KLJ87, PB19]. Experimentation [Ano87a].

Experiments

[AAM+01, AK91, Gir02, Pr95]. Explicit

[WBG06, EAG+19, AGC+19]. Exploiting

[Bri10, SCR11, WWA+19].

Exploration [KPM+96, BBMB19].

Explore [JLL04]. Exploring

[CCO+96, BDA+19].

Expression [RS03]. Expressions

[BBDR95]. expressive [CRS+19].

Extended [Ano02b]. Extending

[GRC08, Pap11, LRG+16]. Extensible

[CK+05, KHS+19]. Extension
face [CdVL+18]. Facility [Ano87a, Don89]. FACOM [HHM87]. Factor [DH96].
Factorization [DD89, DD91, IGDQ19, Jea13, YIYD19]. factorizations [DEKV92]. Failure [GCSDK13, KS05, Ano19, BBH+13, BBG+18, KDNE18]. failures [SWA+14, TNLP13].
Fermions [NTD10]. Fermions-Database [ZK93]. Fernbach [Mar91]. FETI [GCD97, RMV+19]. FFT [Bai88, GGS01, KMP08, Wad99].
FFT-Based [GGS01]. Field [BC08, HSLK11, PUR94, VSHN14]. File [BIC+10, GCCC+03, LRT07, kLCCW07, HLRW+16]. Film [MD99]. films [GSK+15]. filter [LGDH16]. filtering [LMT+12].
Financial [BE07, HZ91]. Finding [dRADS+18b, FCLG07]. Fine [ACM88, BBG+10, LH18, WvNM+06, HTD+14].
Fine-Grain [ACM88]. Fine-Grained [BBG+10, WvNM+06, LH18, HTD+14].
Finite [AJL+97, BBA78, CC95, CBV97, EGG05, GCD97, KM95, MM09, MS02, MS05, PH19, PLS05, THC+96, THL88, de 89, AFL+18, BSF+19, DWT+19, EKF+19, LH19, SCKW19]. Finite-Element [MS02, BSF+14]. Finite-Volume [MS05, LH19]. First [DFQFW90, GKN+96, TMWS91, HIT+14, MMDA19].
first-principles [HIT+14]. fixed [BSK14].
[ABF+99, DD06, HJK88, PGTS10, RKKC90, SS89, SK90, FIMU19, HHSM19, KDH18, LSS93, WvNM+06]. Fine-Grained [MMDA19].
Fluid-Structure [KT99, KC18].
Fluorinated [DFC90]. fly [GSA+18]. Fock [MMDA19, CLM+16, KKKC98, TMW+99].
focused [JRT16]. Footprint [JMC05]. force [PUR94]. Forecasting [MHW15].
Forecasts [MHW15]. forests [PNFC16].
format [GG14, GGO16]. Forming [CM97].
Fortran [KR05, DL97, KR94]. Fortran90 [LJ00]. Forum [Don02a, Don02b].
Forward [AK93, Luc09, THL88, HLRW19].
Foundation [Web91, Blo87]. Four [Tho90].
Four-Band [Tho90]. Fourier [KNN+87, LDW+12, MJ04, SDF19].
FPGA [HC08, MHS11, PC08a, RGB+18].
FPS [LT88]. Fracture [BG00, LPP+16].
Framework [CAY+07, DGJ09, IYV04].
PGTS10, SSB+05, SB04, TMMR10, vLRA+03, FKA+17, GEKO19, JBOT19, MBC+18, MS19, PPC+16, PB19, SE12, SMZ+18, TDG+19, YWL+14, CTD+05.

Frankenstein [Wit92], Free [MT89, LBB17]. Free-Lagrange [MT89].

freedom [TAM+16]. Frequency [TC10, CSGM17, SKSG19]. front [FIMU19].

Frontwidth [BMWDE87]. FTS [BE18].

Fueling [Her91]. Fujitsu [Ish91]. Full [AEPR92, JRT16, LK01, RAB+15, THC+11]. Full-wave [JRT16].

fully [HR97, YW93, CH13, EAG+19]. Fun [RAGW93].

function [ODD07, PPK09, ZOF90, EKF+19]. function-generated [EKF+19].

Functional [LR07]. Functions [LS06].

Fundamental [MR90]. Fusion [ACG+90, GBB+18, DSD+91, FWSW02, FP02, YK04, WET+19]. Future [BSBF89, HBSM03, Wi87, BAP+12, DPA+18]. FV [LMT+12].

fv3 [SDF+17]. FVCOM [Cow08]. FX [DD91]. FX/80 [DD91].

G [MCS+06]. G2 [Cot04]. Galaxies [Her91, NBB+96]. GameLin [AWW91].

Games [EGMP03]. GANESH [BPK+07].

Gap [SS99]. Gas [CH94, LRBS89, MKG90].

Gases [WBMY90]. GASIPI [SKZ+18, SIC+19]. Gate [HCC08]. Gather [TRS+10].

Gauge [Mor89a]. GEMM [NTD10]. Gene [MAB+13, RS03, YIN+11, GNB11, KMH+14, SU+12]. Gene/P [MAB+13, GNB11, SU+12]. Gene/Q [KMH+14].

General [PLS05, VC89, BE17, CRS+19, MMH11].

general-purpose [BE17]. generalized [HTD+14, GLGBK+11]. generated [EKF+19].

generation [DE03, HT04a, KMPJ08, BAP+12, LDDL19, MFB+19, MMDA19, TRS13, VRB+19, ZKRA14].

Generator [PMS+04, DL09]. Generic [CAK+07, HLC+19]. Genetic

[RS03, NMAE13]. genome [GDKWS15].

genome-wide [GDKWS15]. genomic

[MBC+18]. Geodesy [BGG05].

gerographically [CvG11]. geophysical

[CMN12]. geophysics [SCD+19]. GFLOP [SBF90].

Glass [YSN90]. Global

[ATN+00, Ak89, CZR+11, DBA+09, GS05, MHW15, SBBG10, Tho90, WBBMY90, DFT+15, TAM+16, WDH+15, NPT+06].

Global-Address-Space [SBG10].

Global-aware [CZR+11]. Globalized

[GBKMT00]. Globally [SH93]. Globus

[FK97], GloVE [dPldA03]. Glow [YW93].

Glounx [BOD+91, BEH+90]. GM

[ARPY19]. Going [Her91]. Goodput

[BL99]. Gordon [BBB+17]. gossip

[CGW19]. gossip-inspired [CGW19].

GPFS [BIC+10]. GPGPU [SDF+17].

GPGPUs [APD+15, KDH11].

GPU [AWW91, ATL+15, ARPY19, BGM15, CSGM17, CS14, EEL15, GHL15, GDKWS15, GGO16, HTD+14, JC12, JKBW18, KTWL18, KKL+19, LPB+16, MDP+12, MJGL13, OKTR11, OF17, PS12, PNFC16, RV15, RPdB+19, SZC12, SPTT08, SE12, SGS+13, SDI+19, SSCF19, WDD+12, YLL+14, ZZG+14]. GPU-accelerated

[AWW91, CSGM17]. GPU-based

[ATL+15, JKBW18, MJGL13, SDI+19].

GPUTDirect [OGM+16]. GPUs

[ATD17, AKP+18, FT19, HDL+15, HPW+16, PF16, SFLC18, TKA+17].

Gradient [AH93, CSV91, MG87, DHL16, KMM16, PSV+16, PF16]. Gradient-like

[CSV91]. GrADS [BCC+01].

Grain

[ACM88]. Grained [BBG+10, BGB+96, DZRS99, WvNM+06, HTH+14, LH18].

Grand [BEH+90, CBB+96, DSD+91, KIt90].

granularity [LQJG16, SKKG19]. GRAPE

[CKE08]. Graph [CDT05, CSC19, GLZS14].

Graphical [LQJG16, PH19].

Graphics [DMQS12, KDO16]. Graphics

[CLF87, GLGLB+89]. GPUDirect [OCM+16]. GPUs
Great [Ham91]. Gravity [ODD07]. Green [BAM16], [BAM16]. [HBM03]. Greenhouse [WBMY90]. Grid-CPU [LCC09a, SBW09, ASH16], BCC17, MCR+17, PPC+16, PSL2, AEG+03, AAF+01, AGR+03, BCC17, BCC+16, BCP+07, BCC+03, CDC+16, CDI+16, CBB+01, CBB+04, CBB+04, CB+06, CCBS+11, CY08, DCL+08, FK+01, GH+01, GRC08, GHZ10, HES18, HT04a, HLP+03, Hua03, HWP03, KKH+09, LM03, MHH+08, MA+03, MCS+06, PPK09, PBB+01, PB04, QH08, RIF01, RTGR+07, SWG+03, Wl03, WBF04, WPPB01, Wl03, WvNM+06, YBA+03. Grid-Based [GRC08, QH08, LM03]. Grid-Enabled [CBP+04, MWM+08]. Grid-Ireland [MCS+06]. Grid5000 [BCC+06]. Gridded [ZM07]. GridLab [AGR+03]. GridPACK™ [PPC16]. GridRPC [CJ06]. Grids [DT99, DT11, Joh01, Ma00, VR00, MMHL11, MGB12, Sta19, BKS+07, BBH+06, Cee10, Fra05, GMLP08, IKY+10, MS09, SG07, SW04, TCW06, vLRA+03]. GridSolve [YSS+06]. Groundwater [ABF+99, MMD98]. Group [Bus87, BCR+14]. Growth [BCZM07, Bls87, Cla10]. Guest [DT10, DT19, WD19, BM13, DT17, WD18, dA03]. guidance [SDJ17]. Guided [FBBC03, BEK+18]. GWAS [WLG+18]. Gyrofluid [KPM+96]. gyrokinetic [IMW+13, INY+14, WET+19].

Hadoop [CdV18]. Hadron [GH91, Li09]. HAMR [ZHZ17]. Harbor [BBC+00]. hard [RMS+18]. Hardware [BH06, KS09b, Spr09, HDL+15, MCB+13, MFOA+12]. Harmonics [KMP10]. Harnessing [HLH+19]. Hartree [CLM+16, KKKC98, MMDA19, TMW+99]. Head [GBK93]. Heavy [QH08, Ren92]. Heavy-Ion [Ren92]. Helicity [DVC88]. Helium [Fro91]. Helix [PRT90]. Helmholtz [BEF+95]. hemodynamics [AFL+18]. Hermetic [YK07]. Hermitian [RGD12]. Heterogeneity [TCW06]. Heterogeneity-Aware [TCW06]. Heterogeneous [BM13, BLRR01, BM06, BGG09, CHZ02, CLS17, Dec10, EGG05, KT99, KS05, LR07, LR09, LRO10, ME14, NBB+96, RAGW93, RRV06, VLO+08, dRADS+18a, CMS+11, CGST19, EDB19, GBB18, HGWN14, IMW+13, LST15, LDW+12, MFP+17, NC18, SB19, UZM+14, BM12]. HeteroMPI [VLO+08]. Heuristic [SG07]. Heuristics [HCJ06]. Hi [TD17+17]. Hi-C [TD17+17]. hierarchical [EB19]. Hierarchical [DD06, GJMS88, HJ96, HWP03, IGDOQ19, PBA09, SG09a, WFT00, DSH+16, GBB18, MJ16, W128, ZBMK11]. Hierarchy [HL10, YK04]. High [Ano87d, Ano94a, Ano94c, Ano95b, Ano95a, Ano96a, Ano97b, Ano97c, Ano97a, Ano98b, Ano98a, Ano99, Ano00, Ano01b, ARR99, Ans92, Bai11, BGI+99, BCC+01, BAA+06, BEH+90, BEF+95, BRT+92, CHP99, CNG+95, CDP+94, CSY10, CB95, CK+05, DTD+14, DFS+05, DGJ09, DBA+09, DHL+16, ISD89, EKD+12, FGC+05, FG+04, GBB18, GH+10, GH+15, GMW10, GSK+15, HSLK11, IS96, IKY+10, KDH11, KBA00, Kep04a, KW06, Kuc04, KMM16, LST15, LPB+16, LDO7, MAB07, MSPS15, NKK+08, NFK98, NTKP06, PPK+04, PPK09, PA11, Poz97, Pra01, QWIC02, Sab91, ST17, SKB01, Ste01, Ste04, SKC10, TR17, THL88, TMW+99, THD09, VRR+19, Wad99, WLC91, WLW+18, WO+08, YSP+05, AFGQO19, AGHR19, BAA+16, BLC17, BAP+12, CGW19, CZR+11, DTV+12, DAC+14, ECG+13, Fem90, GR17, Har11]. high [IYK06, IFA15, JRT16, LDD19, LHH19, MCB+13, OGM+16, PPC+16, PSV+16, PF16, SCKW19, TNLP13, Udd17, WD+15, WLD17, YL07].
island-based [NC18]. isolating [ALL13].

Issue

[LV11, BM13, BE18, DT97, DT99, DT06, DT13, DT17, F090b, Han04, MP198, Mas19, ME14, Nag93, OV13, PA11, Yel04, BH17, DT19, H018, MFB19, WD19, DS12].

issued [CSG17]. Issues

[AD93, BMW97, CL99, CEL1, Dem90, EM98, Men00, GCS13].

Italy

Dem90, EGM93, Men00, GCS13].

Japan

Don89, DG90, MC90, MCW91, MC90, MCW90, PHC10, SC04b, SCFK90, AKP18, CSG17, CvG11].


Jini-Based [Hua03].

Josephson [IKY10]. Journal

[Ano91b, Ano91a, Ano92g, Ano92e, Ano92f, Ano93a, Ano94a, Ano95b, Ano95a, Ano96a, Ano97b, Ano97c, Ano97a, Ano98b, Ano98a, Ano99, Ano00, Ano01b].

JPEG

[BKRSR90, LBS17].

Jumpshot [ZLG99].

Jupiter [Tho90].

Just [BPBL11].

Just-in-Time [BPBL11].

K-computer [NY14]. Kepler [HPW16].

Kernel

[TM99, ALL13, Jon12, LNSM15].

Kernels

[BELF07, IYV04, MAB13, WKL19].

key

[KV19, KES17].

keys [BSK14].

Kinetics

[ARR99].

Knowledge

[AEG+93, Cap09, vLRA03, ECG13, KT94].

Known

[Ano92h].

Kokkos [DWT19].

Kopelman

[CBV97].

Krylov

[GMKT00, AT115, AKP18, CMN12].

Kutta

[KR11, RR96].

L

[dSSB87]. LA-MPI [YSP05].

Laboratory

[ABF08, B87, B91b, Don89, DG93, H091].

Lagrange

[MT89].

Lagrangian [KRR19].

LAM

[SSB05].

LAM/OO [SSB05].

Laminar

[EDS95, SG91].

Land [HV05].

Languages

[Cal99, KKS04, YHG+07, JO92].

Large

[AS00, AK91, AGL1, BAM16, BGG05, BDP01, BCC10, Ber92, BWB10, BBA78, BCC06, CW99, CK01, Ede93, Ewi88, Fra05, FBW17, GDK15, GMJ10, Gun00, HSL11, Joh01, KFP00, KUE10, KUE10, LK03, LDW12, LC06, MC90, MR04, MRD15, Mor89b, NKR90, PPK04, PS07, RGB18, SE92, SD87, TRS10, US89, VS03, WT99, YRA02, ZRC06, ABI18, BLR18, BCY11, C01, DCD13, EEL15, FU12, HIT14, JBOT19, MBH15, MJ16, RD12, STP14, SIC19, VOL14, ZMB11].

Large-Scale

[AS00, AK91, BDP01, Ber92, BBA78, CW99, Ewi88, Fra05, Gun00, HSL11, Joh01, KFP00, KUE10, LC06, Mor89b, NKR90, SD87, YRA02, ZRC06, BCC05, GDK15, GMJ10, GMJ10, LM03, LDW12, MRD15, BLR18, EEL15, JBOT19, MBH15, MJ16, STP13, SIC19, VOL14].

Largest

[Ano92h].

Largest-Known

[Ano92h].

Latent

[W0A11].

Lattice

[BG90, D91, J912, LB89, Mor9a, MS92, CGT19, Liu90, Mon12, OKT11, R17, YID19, SBB06].

Law [HE01].

laws [Hea15, LH19].

Lax

[YFS14].

layout

[HLW16, SZ11].

layouts [RM17].

Lazy

[BPBL11].

LBAS

[KJH96, JO92].

Leading

[OC08, SQ08].

Learned

[PK04, IKS19].

Learning

[AH93, AK93, CBM13, DMJ19, EEL15, EJ19, KEF18, MP18].

Leasing

[EW06].

Legacy [Ano92h].

Legion

[GNH97].

Length

[DLY98, BSK14].

lesions [SKS13].

Lessons

[PK04].

Level

[BCC01, BC00, YK04, DEL72, GBB18, IK18, LRG16, UDD17, DSD9, D91].

Leveraging

[CH13, YLY76, SFLC18].
MATLAB [BK07, Lus09b, ZZG+14].
MCell [CBSB01, CBB+19].
Mediterranean [CDG+14]. Medium [MHW15]. Meetings [Ano91c, Ano91d, Ano91e, Ano92i, Ano92j, Ano92k, Ano92l, Ano92n, Ano93a, Ano93c, Ano98c].
Melting [MWC+05]. Member [HTSK90]. memetic [NC18]. memoization [CGGC+16]. Memoriam [Mar91].
memories [TKSK88]. Memory [AH93, AD93, BFL99, BMWD87, Bri10, BEF+95, CDT05, CWG09, CB95, FSS13, GJMS88, GSHL03, Gir02, HC10, HL10, HD05, JLL04, JMC05, MWAR+87, MCW+00, NPT+06, NTPK06, WT99, YRA+02, YK04, YIN+11, ZC92, BH12, CHT+19, DEKV92, DCN17, HTD+14, HGMW12, IK18, JO92, KDO16, LFB+15, LCZ+15, RMV+19, SPNB14, SB19, THDS19, Wal18, WZH17, YIYD19, SS10]. Memory-Aware [SS10]. memory-efficient [RMV+19]. merger [HLH+19]. Merging [YBA+03]. Mesh [DFS+05, HT04b, Mav02, MCW+00, SR05, WCE95, WCD99, DCLS19].
Mesh-Iterative [MCW+00]. Meshes [Ytt97, KC18]. Meso [GGS01]. Meso-Scale [GGS01]. Message [Ano93d, Ano94b, CWG09, MPI98, BBG+14, SMZ+18, ZKRA14, BC14, BBH+06, BRU05, Cot04, GL04, IBC+10, KKDVO3, KKD05, LK10, SWHP05, SLG95, TG0T05]. Message-Passing [Ano93d, Ano94b, CWG09, MPI98, SMZ+18, SLG95].
METADOCK [ICPSG18]. Metaheuristic [ICPSG18]. Metaheuristics [QH08, TPG+18]. metal [NMAE13].
metal/polymer [NMAE13]. Metals [Cl91]. Metascheduling [Mat03]. Method [DP05, FCLG07, Man97, SG91, Tis97, de 89, BBDH14, FIMU19, MMHL11, MMDA19, OKTR11, PH19, SPHW18, TSK88, YB12, CKE08, SBB06]. Methods [AD93, ACG+90, AGL+87, BMWD87, CC95, CSV19, FWSW02, HOPB92, HJ96, MC96, MG87, Meu88, MR90, PHC+10, RR96, SCFK04, TXD+07, THL88, CMN12, EKF+19, IYK16, ICPSG18, JdSA+17, Lai93, Mon12, SCK91, UZM+14, NAG89]. Metric [HE10].
Micro-benchmarks [BBW+10]. micro-ischaeic [SKS+13].
Microbenchmarks [JLL04].
Microcanonical [BMT89]. microfluidic [KDH18]. Microprocessors [WT99].
microthreaded [Udd17]. Mics [TKA+17]. Middleware [BA01, CKPD99, CDCV06, EDV06, M06+14]. Migration [KLJ+17, UB95, QHCC17]. millions [LY+16].
MIMD [AH93, BOD+91, FFNP07]. Mimicking [ACD07]. Mini [BBG+18, Gen88].
Mini-applications [BBG+18]. Mini-Supercomputers [Gen88].
MiniApps [MDH+18]. minimal [LBP+18].
Minimization [Rao02, LPB+16].
Minnesota [Ank92, ATD+88]. MiPax
[HKK88]. **MIPSPro** [CW05]. Missing [Mar87d]. **Missions** [SKB01]. **Mixed** [Ano02b, BDL+07]. MM [MFP+17]. MM2 [PUR94]. **Mobile** [FP02, QWIC02, YBA+03]. Mode [LRT07, HHSIM19]. Model [ATN+00, ACD07, ABAS87, BFLL99, BE07, BFNV07, BG02, BMT89, BRT+92, CBW95, DVC88, GS05, GP93, Ish91, JLO05, Kep04a, KJ05, KM95, LR07, LP93, PPR03, SSSW91, SG09b, SG09a, SR05, Ste09a, TD08, VFD04, VC89, WBC06, WHL03, AGC+19, AWWG19, ABI+18, CDG+14, CMHB15, DAB+12, EDB19, EMP+18, EAG+19, GDKW15, IYK16, KKL+19, LBP18, MKM+19, SDF+17, TNL13, WDI+15, YWL+14, Cow08, CJK+05, DVW+12, DEE+12, DJC05, ESW+12, HVKW05, JLO05, KTWL18, LJO05, MS05, MW12, PL05, WD05]. Modeled [WJS+90]. Modelling [AS00, AGHR19, BCZM07, BELF07, CWHF99, CC95, CTD+05, DR06, DDM87, DSD+91, DCN17, EGG05, ED95, HVWS09, HVSW09, JO09, MOK00, MWC+05, Men00, MCU+13, Rad18, SG91, SVBP13, SK92, THC+96, THL88, WSC05, YK07, YW93, CVJ12, DCM+17, GSK+15, KJBW18, MMHL11, SE12, UCD+15], modelling [QHCC17, STS17]. Models [ARR99, BV11, BRGR11, BR03, BB00, DGD+04, DF90, Gi02, HD05, HAF+96, IIJ93, Kal09b, LJO05, LR09, LRO10, MA89, PA11, FS87, RW03, Ste04, Ste09b, UB95, VDB04, WOS08, WW92, ZC92, de 89, BH17, DTPD14, DEL+12, EJD+19, HLS+17, KBY+19, MEK+19, MDH+18, SCD+19, VSNH14, WK19]. Modern [BDG+00, WET+19, ESW+12, SB19]. Modified [HB90]. Modisazure [ACF+11]. modular [AFGQO19]. Module [PLS05]. Modulo [GRO+03]. Molecular [BYT91, CGB+94, CH94, CWG09, CSY10, DQFW90, DGD+04, DVC88, DFC90, KVy+90, MP94, Nak99, NHG+96, AKC+19, AKW19, HXW+13, SDI+19]. Monitor [BH06, SSU+12]. Monitoring [LWOB97, MR04, PHB04, SC09, Spr06, VR00]. Monte [BEH+90, CH94, DFT+15, FSS13, LM03, LPB+16, MWAR+87, MB87, MFP+17, SABD13, SSSW91, SSR+14, VSS+13, ZK93]. mortar [LPB+16]. Morton [Wal18]. **MOSFET** [VSS+13]. MOTEUR [GMLP08]. Motions [DFC90]. moulded [WSD+14]. movement [PG18]. Moveout [LT90]. MP [AEPR92, Del93, DH96, Lai93, LT88, MYC92, MSK92, YW03]. MP/416 [THL88]. MPH [HD05]. MPI [SLG95, Ano94b, Ano01a, BBG+10, BG+10, BBS99, BBG+14, BF01, BBHD14, BBH+13, BIC+10, BHK+06, BBC+00, BRM03, Bri10, CBL10, DJJ+19, DLB07, DGB+14, FD04, FCLG07, FSC+11, GFD05, GVF+18, HC10, HGMW12, IMS16, KWFE18, KM+14, LRG+16, LRT07, KLLC07, MS02, MMDA19, OL05, OGM+16, RTR+07, SCR14, SSB+05, SD17, SC04b, SIC+19, THDS19, 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 [MMDA19]. Mpi/Openmp/GPU [SZC12]. MPI2 [MP198]. MPI_L [GVF+18]. MPICH [BH+06, Cot04, GL97, TR05]. MPICH-G2 [Cot04]. MPICH-V [BH+06]. MrBayes [KPST18]. MRI [SKS+13]. Much [RAGW93]. Multi [BKRMR09, BH12, Bri10, KDH11, OKTR11, SSR+14, TMMG07, YK04, APD+15, BGM15, CAE+13, CZ+11, DAC+14, IKMS+19, IK18, KT15, KLL19, LIL13, LDW+12, LVA+13, LNSMMA15, PVS+16, TKA+17, VSS+13, VOL+14, YFS+14]. multi-GPGPUs [ADP+15].
Multi-GPU [OKTR11, BGM15, KTWL18, KKL+19].
Multi-Hop [TNBG07]. Multi-Level [YK04]. multi-order [EVA+13].
Multiblock [KDL01, Ytt97]. Multibody [BGI+99]. Multicommodity [NK89].
multi-order [CZR+11]. Multicriteria [CJ06]. Multidimensional [HLW00].
Multidisciplinary [BGB+96]. Multidomain [KS05]. Multifrontal [AD89, AD93, BMWD87].
Multigrid [DMT97, SC04a, AG18, GEKO19, HRW19, ZGG+14]. Multilevel [DW97, EGG05, WCDS99, Sta19].
multicriteria [CJ06]. Multidimensional [HLW00]. Multidisciplinary [BGB+96, KDO16]. Multidomain [KS05].
Multifrontal [AD89, AD93, BMWD87]. Multigrid [DMT97, SC04a, AG18, GEKO19, HRW19, ZGG+14]. Multilevel [DW97, EGG05, WCDS99, Sta19].
Multimodal [FWSW02]. Multiparadigm [AS00]. Multiphase [ZC92, FIMU19].
Multiphysics [KMW+13, LJO05, MCW+00, MWC+05, PK04]. Multiple [DLG06, MYCR06, Mor89b, Nak99, BLOR18, BDFVP15, HGWN14, KDO16, MDH+18, RDG12, SKS+13].
multiplication [GGG016, SCR11, YLL+14]. Multiply [GG11]. Multipole [CKE08, KMPJ08, IYK16, YB12].
Multiprocessing [Ano87a, DD91, YM91].
Multiprocessor [AD89, BS88, DEKV92, KPR17].
Multiprocessors [AD93, DD01, Gir02, Wad99].
Multiprogramming [MA89].
Multiunit [GCL93]. muscle [IKMS+19]. Multiscale [IKS+19].
Non-Dedicated [CAK+07, GSHL03].
non-deterministic [SLL+19], non-Hermitian [RDG12].
non-hydrostatic [AWWG19], Non-Polynomial [uITH07], nonblocking
[DJJ+19, WLFH16]. nondeterminism [CRS+19]. Nonequilibrium [YW93].
nonhydrostatic [AGC+19]. noniterative [IMB+19]. Nonlinear [AK91, ABAS87,
HT04h, KVY+90, GEKO19, JRT16].
Non-symmetric [KC92a, KC92b, MC90, Ma00]. Normal
[YRA+02, Haj93]. North [LC90].
Northern [UB05], Note
[DT17, DT18, DT19, WD18, WD19]. Notice
[Ano97a]. Novel [CGB+94, DGJ09, FW91,
SG07, HTD+14, PNFC16]. Novo
[NK9+08]. NSF [Bra91, Sci92, Sal87].
NSF-Sponsored [Sal87]. NT
[Ano01a, CLP+99]. NuChart [TD17].
NuChart-II [TD17]. Nuclear
[FSS13, IHMM87, LDLD19]. nucleon
[LDLD19]. NUMA
[Je93, MKM+19, OPW+12]. Number
[Ano92h, FG97, Fu12]. Numbers
[BEF+95]. Numerical [ABF+99, ABB+94,
DMT01, DE03, Ede93, IIJ93, LWL05, Nag89,
PR95, PRP03, PBD+01, Poz97, RAB+15,
RIF1, RKKC90, SG91, THDC09, BSS15,
MAB+13, MKM+19, SDF+17].
Numerically [Mah90, WJS+90].
NWChem [JDD18].

O [DLY+98, DEL+12, IBC+10, KKCB98,
KES+17, LPJ89, MMD98, MS95, NFK98,
OW098, PH91, SW01, SR98, TLG98, TD08,
WMA+11]. Oak
[ABF+88, DGH+93, HGD01]. Object
[NHG96, SE12]. Object-Oriented
[NHG+96]. Objective [PPK09]. oblivious
[CHT+19]. observable [RAB+15].
observations [ZRK14]. obstacle
[CCBS11]. Obstacles [MBF+11].
Occupancy [GLGB+11]. Ocean
[Cow08, HAF+96, JO90, KJ05, KM95,
WSCZ05, CDG+14, EMP+18].
occeanographic [CAB+18]. October
[OL05]. ODE [BCCL09, BH99, KR11]. Off
[SR05]. Offers [Ano87a]. offline
drADS+18a. Offload [BRU05].
Offloading [GWKN08]. Ohio [BBW90]. Oil
[KK94, KR95]. On-Board [SPT08].
on-Demand [EW06]. On-Line [LWOB97].
On-the-fly [GSA+19]. One
[GF05, LRT07, TGT05, Udd17]. One-IPC
[Udd17]. One-Sided
[GF05, LRT07, TGT05]. Ongoing
[MEK+19]. Online [LC06]. Onto [QH08].
Open [LWOB97, BSW+14, CGW19,
GCSK13, AEG+03]. OpenACC
[MGS+15, OGM+16, QHCC17]. OpenCL
[ASA19, CLBS17, RGB+18]. OpenDDA
[DGJ09]. Opening [PRT90]. OpenMOC
[BSH+16]. Openmp [SZC12, BF01,
BBDH14, BBC+00, HHS19, LRLG19,
MS02, MMDA19, OPW+12, THDS19].
OpenMP-parallel [HIS19]. Operating
[CW01, EDSV06, HI12, HI13, IH15].
Operation [BBR10, BHR09]. operational
[CAB+18]. Operations
[FCLG07, GFD05, MS09, TRG05, TGT05,
GG14, MH+14, SCKW19]. Operators
[FSN08, GRC08, ZM07, LMT+12].
Opportunities [Ano87a, Cap09, KMW+13].
optical [GSK+15]. Optimal
[BR03, FG97, LTPK17]. Optimisation
[BGB+18, VSS+13]. Optimization
[AKP+18, AAB+94, BFLL99, BGB+96,
BELF07, CGST19, HL10, HA91, IYV04,
KMH+14, LT88, PPK09, RW03, SCB+19,
SCB+95, SR05, TXD+07, TRG05, YLL+14,
ABH+18, BRGR11, BH12, FIMU19,
IMW+13, KES+17, NMAE13, SDJ17,
SHK+18, UZM+14, YWL+14].
Optimizations [PSV+16, DCD+13, Jea13,
PUR94, WKLW19]. Optimize
[KKCB98, GVF+18]. Optimized
[MS92, THDS19, IK18]. Optimizing
[AKC+19, DDKK19, FSS13, GG11, KILL13, MAB+13, MCG04, Mor89a, TGT05, WCE95, WCDS99, EJD+19]. Optorsin [BCM+03]. Order [CC95, uITH07, THL88, CZR+11, LH19, OGM+16, SCKW19, THDS19]. ordering [Wal18]. orderings [AKW19]. ordinates [DMSMG18]. Organic [CBL06]. Organization [FWSW02, FT01].

Organized [BGF02]. Organizing [CBL06, GHZ10]. Oriented [Hua03, NHG+96, CMN12]. Orography [GS05]. oscillatory [SPHW18]. OSWALD [RGB+19]. other [CBA+18]. Our [WW92].

outlooks [RAB+15]. output [LCZ+15, WVL+16]. Overarching [Kep04b]. Overhead [MSMW07].

Overheads [BCG+10, GNB11]. Overlap [BBDR95, BRU05, INY+14]. Overlapping [PR95, DJ1+19]. overview [KBW+19].

Overview [AGR+03, DFP+96, DJC05].

P [MAB+13, GNB11, SSU+12]. P4 [Mat95]. PACE [NKP+00]. Pacific [JO00]. Package [RIF01, SYF96]. Pair [Fro91]. PAM [CEL+97]. PAM-CRASh [CEL+97].

Panel [Sal87]. PANORAMA [DCM+17]. Papers [Lee03, Moh09, OL05, DT11, KKD03].

PAPI [JDAD19]. papillomavirus [ABH+18]. Par-BF [LGDH16]. Paradigm [BGB+96, DCL+08]. Parallel [AWS01, AAC+97, AS00, APD+15, AK91, AM00, AHB+16, AEPR92, ABB+94, BG05, BD01, BCCL09, BBB+91a, BCZ07, BOD+91, BYCB05, BK07, BBDR95, BBC+00, BSH+16, BG00, BEF+95, BGB+96, BH09, CCH+88, CCZ07, CE00, CDH+93, CL95, CCBS11, CH94, CBW95, Cho01, CSV91, Chu99, CCL+97, CB95, CM97, CJK+05, DEKV92, DLY+98, Dem90, DIB00, DFS+05, DZRS99, DMT01, DZDR95, Edl93, EG05, ED95, FG97, Gaf88, GCCC+03, GKN+96, GKP97, GDS17, GP93, GGS01, GL97, GKMT00, HKK88, HVWS09, HVSW09, HR97, HDV18, HLW00, HJ96, HT04b, HS93, HZ91, IBC+10, JLO05, JLS09, Jon92, KDL01, KC92a, KC92b, KT99, Kok88, KR11, KS05, LJO05, LPJ98, IWO97, Lus09b, MC90, MS09, MMD08, MA15, MS02, MSMW07, MT89, MWAR+87, MPG93, Mat95, Max02, MD99, MWC+05, McR87].

Parallel [Meu88, MBF+11, Mon89, Mor89b, MSK92, MS95, NKP+00, OWO98, ODD07, Pan92, Pan97, PR95, PPR03, PC08a, PK04, RW03, RSS03, SBF90, SWW94, SABD13, SW01, SS89, SPTT08, Sha88, SCB+95, SM06, SR98, Sim90, SSNM92, SG91, SK92, SBG10, SMW87, TBA+17, TL99, TMW+99, TR92, Tis97, TD08, UB95, VLO+08, VSH14, WSCZ05, WG07, YRA+02, YHG+07, YY93, Ytt97, ZK93, ZCZ+13, AKW19, dRADS+18a, dRADS+18b, BLC17, BH12, BCLP17, CSC19, CMHB15, DKT18, DAB+12, DEL+12, DCLS19, EJD+19, GBB18, GHL15, GHHS15, HLW+16, HLS+17, HHS91, IMH+11, IMH+12, ICPSG18, IKMS+19, JD9A+17, KT94, KS9+19, KR91, KES+17, KDH18, KUm89, LPG88, LGDH16, LWT+11, LB18, MFB+19, MJ16, MS91, NMAE13, PH19, RMV+19, SPHW18, Sta19]. parallel [SMZ+18, SB19, TRS13, TPC+18, THDS19, WVL+16, WEPB12, DP05, KJ05, KKD03, KKD05, LK10, Nag89]. Parallel-algorithm [AHB+16]. parallelisation [BSW+14, VSS+13, WSD+14]. Parallelism [ACM88, CFFK+94, MYC92, VRL18, dSSB+08, DMSMG18, Jon12, KDN18]. Parallelization [AJL+97, CBV97, Cow08, Cza03, DGP+97, GCD97, HE01, KM95, LP10, LVA+13, MCW+00, Reu92, WBG06, CIW17, CDG+14, MFP+17, MMDA19, Osz16, SZC12]. Parallelizing [AJL+97]. Parameter [FBB03, SH93]. Parameterizations [WD05]. Parameters [LR09]. ParaScope [CCH+88]. PARCOACH [SCB14]. Park [UB95].
Part [HVWS09, HVSW09, SR05]. Partial [Key09, Men88, RMS'18, KS89, YZC'15]. Participate [Mar87c]. Particle [DR06, DDM87, MB87, MD99, MR90, PGTS10, ABH'18, WET'19]. particle-in-cell [WET'19]. Partition [LQG16]. Partitioned [MHW15, SBG10, ABD'18, ABG'19, LGDH16]. Partitioner [SR05]. Partitioner-Centric [SR05]. Partitioning [LR07, SR05, WCDS99, Ytt97, SABD13]. Partitions [WCE95]. Passing [Ano03d, Ano04b, BC14, BBH'06, BRU05, CWG09, Cot04, GL04, IBC'10, KKD'03, KKD05, LK10, MPI98, SWHP05, TGT05, SMZ'18, ZKRA14, SLG95]. PASSION [BE07, APD'15, SKS'13]. Patterns [Cho01, GRC08, GKB93, SR98, dRADS'18b, BRR17, DKMT18, EEL15, HGMW12, WEPB12]. Patterns/Operators [GRC08]. PC [CDT05, CK01, LWL05, Ste01]. PCs [AWS01]. PDE [CCO'19, CHT'19]. PDEs [Ma00]. Peaks [TC10]. PERFECT [BCK'89]. Performance [AS00, ATN'00, Ano87b, Ano87f, Ano94a, Ano94c, Ano95b, Ano95a, Ano96a, Ano97b, Ano97e, Ano97a, Ano98b, Ano98a, Ano99, Ano00, Ano01a, Ano01b, ARR99, Aus92, Bai88, BGI'99, Bar09, BAA'06, BCK'89, BBHD14, BWB'10, GBB'18, BBA87, BFNV07, BRM03, BRT'92, BBD00, DG07, CDQ04, CWHP99, CC95, CK01, CDP'04, CAK'07, CSY10, CEL'97, CB95, CJK'05, Dar00, Del93, DH96, DG04, DGJ09, DBA'09, ISD89, EAG'19, FGC'05, FGJ'04, FSC'11, FSN08, FFR'10, FU12, Gun00, HIT'14, HVWS09, HVSW09, HR97, HL00, HLV00, HSLK11, IS96, IKY'10, IHMM87, JLL04, JMC05, KBA00, Kep04a, KHP'04, KJ05, KDL01, KWB06, KS09a, Kuc04, KUE'00, LR07, LR09, LS90, LRLG19, LWW05, LD07, MSMW07, Mav02, MA89, Men00, MJ04, MMN09, MSK92, NFK98, NPT'06, NTK06]. Performance [NKP'00, Num04, OOC'08, PKK'04, PB19, PF16, Poz97, PLS05, QHCC17, QWIC02, Rif01, RBL08, SBF90, Sab01, SWHP05, SSQ08, SCB'95, SM06, SVN09, SC09, Spr06, SKB01, Ste04, SBG10, SFP02, SBBS06, SW04, SB19, THC'96, TMW'99, TAR'08, THDC09, VC89, VR00, VDB04, Wad99, WT99, WBF04, WG07, WD05, Yel04, YK04, YIN'11, YSP'05, ZLGS99, AKC'19, ATD17, AKP'18, AFQQ019, BL17, BRGR11, BSH'16, BAP'12, CGGC'16, CGW19, CS14, CZR'11, CMHB15, DTDP14, DCM'17, DWT'19, DWV'12, DH16, DAC'14, ECG'13, EKF'19, EKD'12, Fem90, GV'18, GHL15, GR17, GMWG10, GS18, GSK'15, GGO16, Har11, HLW'16, IYK16, IFA15, JKD'11, JDAD19, KDHI19, KL13, KMM16, LDDL19, LST15, LPB'16, IWT'11, MAB'13, MPS115, MCU'13, MW12, NMAE13, PPC'16, PSV'16, SFLC18, SS'R'14, SZ11, STS17]. performance [SKC01, TR17, TGP19, TKA'17, TNL13, UCZ'15, VRB'19, WL18, WKLW19, WLFH16, WD19]. Periodic [ZBKM11]. PERMAS [AIL'97]. persistent [KV19]. Perspective [Bar09, YHG'07, PS12]. Perspectives [Ano92n, MP95, Sab91]. perturbative [MFP'17]. Pervasive [Ald89]. petaflap [BW17]. petaflaps [TAM'16]. Petascale [Cap09, Her09, BXW'13, WWA'11, JKD'11, MKM'19]. Petascale/Exascale [Cap09]. PEZY [YME19]. PEZY-SC [YME19]. PGAS [GDKW15, NMI'19]. pH [MP94]. Phase [CB10, CDH'93, FWZ91, HSLK11, YCHH90, CR'S'19, KDHI18, RPdB'19, VSH14]. phase-contrast [RPdB'19]. phase-field [VSHN14]. PHAT [MJGL13]. Phi$^{3f}$ [MMDA19]. Photon [MWAR'87].
Processors [Bri10, BDG+00, LR07, LT88, MWAR+87, Mor89b, TMW+99, AGC+19, BBG+14, CZR+11, MBC+18, MPS15, PSV+16, SB19, THH+13, YME19].

Product [MCG04, Eri88, SCKW19].

Production [MS92, MDH+18, SH93].

Productivity [Bar09, FGJ+04, KKS04, Kep04a, Kep04b, Duk04, SB04, Ste04].

Profiling [MSMW07, SGFC09]. Program [Kit90, NHG+96, WG07, Fem90, KJ05, Web91].

Programmability [CCZ07, CLSS09]. Programmable [HC08].

Programme [HT04a]. Programmer-guided [BEK+18].

Programm [BEK+18]. Programming [BBG+10, BV11, BF01, BDG+00, CCH+88, CWG09, Cza03, EGG05, Gus88, Gir02, Kal09b, KKS04, Kok88, Lus09b, Mat95, NPT+06, PA11, PBAL09, Poz97, RW03, Sha88, SCB+95, SMW87, VEMR17, WLB92, BH17, CCBL18, EDB19, GBB18, GDKWS15, HLG+17, LBP18, MGR12, MDH+18, SB19].

Programs [ACM92, DLB07, GL04, HC10, LWO97, NZ93]. Progress [AGL+87, BR05a, CAE+13, DJJ+19, MEK+19].

Project [BHK+06, CBB+96, PK04, BCC+01, DBA+09, DBM+11, Mic09, OKTR11, PS87, PHB04, Wit92].

projects [ACF+11]. Promising [Gir02].

Propagation [GKN+96, ASAK19].

Properties [ACG+90, DFS+05, WLC91, ZM07, AKW19].

proposl [ZKRA14]. prospectus [Bra91].

Protein [ACD07, BHK+88, Joo92, RGB+18, DSH+16]. Protocol [TNBG07].

Prototypical [WLVL+96]. Provided [LS06]. Providing [GKP97, SLL+19].

Proximal [N293]. Pruners [SLL+19].

pulse [ASAK19]. Purity [HC08]. Purpose [CE08, Gus04, BE17]. Purpose-Based [Gus04]. Pushing [THH+13].

PVM [BDG+95, Mat95, SYF96], PVMGeant [DZD95].

PVODE [BH99]. PyCOMPSs [TBA+17].

Python [FK+17, LD07, TBA+17].


Quanitized [HM91]. Quantum [DFF90, FBB+87, IKY+10, KYB+90, LIt90, SSSW91, ARPY19]. Quarks [BOD+91, BEH+90]. Quantic [uTH07]. quasi [YLL+14]. quasi-diagonal [YLL+14].

Quasigeostrophic [KM95]. Quda [JC12]. Query [SWG+03]. Querying [CHZ02].

Questions [PPS09, CGW19]. Queuing [Ish91].

RA [AMC+18]. Radar [MPG93, SB18, ZCZ+13]. radial [EKF+19].

Radio [CBB+96, CLG13, VFJ+15]. radiosity [SABB13].

Radiotherapy [DCS01].


random [PNFC16]. Randomly [CYT+02]. Range [BBA78, MH15].

Ranger [BB18]. Rare [BB02]. rate [BBG+14]. rationale [BBH+13]. ray [EEL15, PS12].

raycasting [BH12]. rays [PS12]. Reaching [CIW17].

Reacting [LP10, MVC92]. Reaction [Koi90].

Reactions [ASW91, RE92, TW18]. Reactive [PGTS10, AKC+19].

Reactor [FSS13].

Read [RWM17]. Reading [Ano02r, Ano02s]. Ready [Sim90].

Real [BE17, K01, NRR97, ODD07, TAR+08].

VR00, WLC91, Wri12, YME19, HPW+16, MJGL13, WZHG17]. Real-Time [KK01, NRR97, VR00, Wri12, BE17, YME19, MJGL13, WZHG17]. Real-world [HPW+16]. Realistic [BR03, LC06].

Reciprocating [YK07]. Recognition [BE07, RES87, CDV+18].

SKS+13].
Reconfigurable [BCC+06].
Reconfiguration [LK01, IMB+19].
Reconstruction [CSY10, FFR+10, BGM15, SSCF19, THH+13]. Recovery [BB02, BHH+13, HRW19, Sta19].
Rectangle [Ha93]. Recurrent [SMW87].
Redistribution [DP05, JW06, RRV06, SS10]. reduce [APD+15, CGW19]. Reduced [BFLL99].
Reduced-Dimensionality [BFLL99].
Reducing [BLOR18, CdVL+18, CSC19, DLY+98, JMC05]. Reduction [NRR97, ATL+15].
References [No02p, No02q], refined [Sta19].
Refinement [BDL+07, HT04b, SR05]. region [SPNB14]. region-based [SPNB14].
Regional [KM95, CDG+14, WSC205].
Regression [VS03]. Relational [MS09].
Relative [PUR94, VC89]. Reliability [RF01].
Remeshing [LDGR03]. Remote [BBL05, NTKP06, HGMW12].
Representations [AS00, WW92, CRS+19, DF18].
reproducibility [MEK+19, PBE+19, SLL+19]. reproducible [GDQO19]. Request [DD06], required [CdVL+18].
Requirements [LPJ98].
Research [Ano87a, Aus92, ABB+94, Bus87, Cap09, CDP+94, Don89, Duk91, IHMM87, KHK+09, Mar88a, Mih90, Pan97, SG09b, SKC10, TR92, BBW90, KT94, EM89].
reservation [GSA+19, Sta03].
reservation-based [GSA+19]. Reservoir [AWS01, Ewi88, KR94, KR95, PR95, ZC92, MS19]. Resilience [CGG+09, BCR+14, CBD+17, LFB+15].
Resilient [BPR18, CGW19, KS05, RMS+18].
Resolution [DFS+05, HB90, MAB07, WOS08, CHW+15, DVW+12, WDH+15].
resolved [KBY+19]. resonance [JKBW18].
Resource [AAF+01, EW06, FBBC03, MFK09, Mat03, WPBB01, YB07, CDRV15, MRD+15].
Resources [QH08]. Response [BBC+00, ZOF90]. Restart [SSB+05].
restoration [APD+15]. Restricted [CGB+94].
Results [BMR06, GNTL97, Jea13, PUR94, WLVL+96, BRGR11, BSH+16]. Rethinking [KES+17]. Retracted [IMH+12].
Retrospective [Mar88b]. Reverse [HHSM19, QHCC17]. Reverse-mode [HHSM19].
Review [Bus87, Con88, Mar88a, Nag89]. Reviews [Don87, Mar87a, Mar87b, McR87].
Revisited [MS09, SZ11]. RF [HTWS08, WW93]. ride [VFJ+15]. Ridge [ABF+08, DGH+93, HGD91].
Rigid [Nak99]. Rigid-Body-Based [Nak99]. Rings [RRV06]. RISC [Gro03].
RISC-Based [Gro03]. RNA [SCB+95].
roll [HRW19]. roll-forward [HRW19].
Rolling [FFNP97]. Roothaan [MMDA19].
Routines [CDQS04]. Routing [CHZ02, MOK00]. Run [DLY+98, LYL+16].
Runge [KR11, RR96]. Running [Fra05, MGB12]. runs [CdVL+18, SLL+19].
Runtime [AJL+97, BH00, Dar99, Kal99b, LS06, PG18, HI12, HI13, HI15, LRLG19].
Runtime-compiler [PG18].

SAR [AAC+97]. SARA [SBWS99].
Satellites [BKS+07]. saturation [CIWI17].
Saving [TNG07, SKSG19]. Scala [SFP02].
Scalability [BCSY11, DR06, FSC+11, GS05, HLW00, KIC18, MWC+05, YIN+11, DAB+12, MW12, SPHW18]. Scalable
Scalar

[CD06, CHZ02, DW97, DMT01, FKT01, HGMW12, IBC+10, JSSZ09, MCW+00, MS05, MAJJS03, SD17, SFP02, WLB92, ZLG99, ZRC+06, dPlIA03, DEE+12, EKF+19, GEKO19, HLL+19, JBO19, KHS+19, TDM+17, YB12]. Scalar

[ish91, OCC+08, FU12, KS89].

Scalar-type [FU12].

[AS00, AK91, BDP01, Ber92, BBA87, BCC+06, CWHP99, Ewi88, Fra05, GGS01, Gun00, GNB11, Her09, HLW00, HSLK11, Joh01, Key09, KUE+00, LT88, LC06, MPS15, Mor89b, NKR90, Nak99, PS87, SD87, YRA+02, ZRC+06, dSSB+08, AMB+18, BAM+16, BLOR18, BEK+18, DCM+17, EEL15, GDKWS15, GMWG10, HIT+14, HRL19, IKMS+19, JBO19, LM03, LDW+12, MBHF15, MJ16, MRD+15, STP+13, SIC+19, VOL+14, YME19, ZKRA14].

scales [BEW16, PBE+19].

Scaling [CGB+94, CK01, CLM+16, GHHS15, ZM07, GR17, INY+14, MKM+19, SKSG19].

Scattering [MBF+11].

scene [SABD13].

Schedule [SBWS99].

Schedulerc [LS06, TR17].

Scheduling

[ATN+00, BKRSR09, BPK+07, BR03, BBH+06, CJO6, CKPD99, CBL06, DLG06, Eyr06, JW06, KCC+06, LJC+10, MYCR06, SG07, TR17, WvNM+06, ABD+18, ABG+19, BPR18, GSA+19, HLC+19, Jon12, LQJG16, Mat03, OPW+12].

schema [ICPSG18].

Scheme [BG00, GS05, DM5MG18, IKMS+19, KPR17, KHS+19].

Schemes [BS88, BSS15, BBMB19, SZC12].

Schrödinger

[BFFL99, IKY+10].

Schwarz

[FGC+05].

SCIARA [SD+17].

SCIARA-fv3 [SD+17].

Science

[All88, Blo87, CD97, CDH+97b, Dom89, Duk91, GKN+96, GL09, HBSM03, HT04a, HWP03, Joh01, Mai87, Mer87, Nas92, RS88, Sab81, Web91, WWA+11, ADMP18, ACS+11].

Sciences

[NKR90, DGH+93].

Scientific

[AS00, BAA+06, BBA87, BJK07, DT99, DT11, DT17, Fol90a, Gaf88, GL97, HME90, Hab90, HLP+03, JLL04, JMC05, KPM+96, KWB06, LS90, Mar87a, OCC+08, Sal87, SE92, vLRA+03, ASHH16, CMS+11, CDL+19, CBD+17, DPA+18, DMS19, DMQS12, DT19, DCD+13, DAD+14, EKD+12, FKA+17, IMB+19, LWT+11, MGB12, PBE+19, SIC+19, TGD+19].

sclerosis [SKS+13].

screening

[ICPSG18, MSPSI15].

SE

[DEE+12, KJH96].

Sea [LPJ98, CDG+14].

Search [VDB04, CSC19, FTB13].

Search-Based [VDB04, FTB13].

Searches [FBC03].

Second [uITH07].

Second-Order [uITH07].

Secondary [SCB+95].

sectioning [KPR17].

Seeing [LP88].

Seeking [Bar09].

Segmentation [Kal09a].

Seismic

[CDH+97b, OWO98, ZRC+06, QHCC17, SFLC18, TAM+16].

Select [KKDV03].

Selected [DT11, OL05].

Selection [CY08, DTDP14, LTPK17].

Selective [RES87].

selector [dRADS+18a].

Self

[BBG02, CBL06, DE03, FWSW02, GHZ10, NC18].

Self-Adapting [DE03].

Self-Organization [FWSW02].

Self-Organized [BBG02].

semi-Lagrangian

[KRR19, MBHF15].

semi-synchronised

[MBHF15].

Semiconductor

[FWZ91, PHC+10, Lai93, Rad18, TKSK88].

Semiconductors [Cha12].

Sensed

[VLO+08].

Sensor

[AKP08, BB02, BGF02, CYT+02, CHZ02, FP02, JMP02, QWIC02, STP+13].

Sensors [FWSW02].

separated [CvG11].

September [OL05].

Sequence

[Jon92, MP18].

sequencing [MBP+18].

Sequential [WG07].

Serial [NK89, NKR90].

Series [ACD07, Mar88a].

Server

[CD97, DD06].

Servers [CD06].

Service

[HLP+03, Hua03, Mat03, WHL03].

Service-based [HLP+03].
Service-Oriented [Hua03]. Services
[AEG+03, CBA+18, ECG+13, ZKRA14].
Sesam [BBA87]. Set [JLL04, PTGB02].
sets [CDL+19, LGDH16], Severe [WJS+90],
shallow [EKF+19, EAG+19, LVA+13].
shallow-water [EAG+19], Shape
[WCDS99]. Shared
[AH93, BMWD87, Bri10, BEF+95, CDT05,
CWG09, Gt02, HC10, LRT07, MWAR+87,
NPT+06, WG07, ZC92, BH12, DEKV92,
KDO16, SB19, THDS19]. Shared-Memory
[AH93, CWG09, BH12, DEKV92, SB19].
shared/distributed [THDS19], Shelf
[LP98], SHMEM [BBDH14], Should
[Pan92]. shuffle [HPW+16]. shutdown
[LOR18]. Side [HTSK90, kLCCW07].
Sided [GFD05, LRT07, TGT05], Sidney
[Mar91], Sieves [CH94, Mon99], Signal
[FP02, PMS+04], Signals [Arn07], Silent
[BS85], silico [MSPS15], silicon
[HXW+13], similarity [LFB+15], Simple
[Kal09b, SC04h, SBWS99], Simulate
[BMT89, GMGW10], simulated [KKL+19].
Simulating [BEH+90, Din91, Hau93].
Simulation
[AWS01, ABF+99, BDP01, BHdR09,
BFNV07, CK01, Cla91, CB95, CM97,
DCCS10, DZDR95, Ewi88, FFNP07, GCL93,
GP93, HTSK90, KIY+10, Ko90, KRI94,
KR95, LP10, LWL05, LC06, MKG90, Nak99,
PPK09, PR95, PS87, PHC+10, Reu92,
RKKC90, TWK89, WBG06, WBYM90,
ASAK19, ARPY19, BSV+14, CHW+15,
DAC+14, HLH+19, HWX+13, IKMS+19,
JKD+11, JRT16, KDO16, KDH18, LPB+16,
MS19, STS17, TSH+19, TAM+16, Udd17,
VOL+14, WET+19, WSD+14, YME19].
Simulation-Based [PPK09]. Simulations
[ABAS87, BG00, BYT91, BRT+92, CBSB01,
CBB+04, CH94, DLY+98, DFMD94, FSS13,
GGS01, Han91, HKK88, HSLK11, HZ91,
KDH11, KT99, KWB06, MD99, MHS11,
Nkin+08, PTGTS10, PK04, RTG+07,
SSSW91, THC+96, AKC+19, AKW19,
BEW16, CCO+19, CGST19, CMN12,
DFT+15, FIMU19, FT19, HPW+16,
IMW+13, JBOT19, KMW+13, KBY+19,
KHS+19, LVA+13, MFP+17, PPC+16,
Rad18, RAB+15, THDS19, YWL+14].
Simulator
[BCM+03, CGGC+16, VSS+13, IKY+10].
simulators [AHB+16]. Simultaneous
[ABAS87, TNL13], Single [BCJ01, TR17].
Singular [Ber92], situ
[AGHR19, ARPY19, BCLP17, MFB+19],
situation [GCSK13], Six [WOG95, KR919],
six-dimensional [KR919], SKA [VF1+15],
skeletonisation [BE17], Skeletonization
[DIB00]. Skewers [HC08], SLA [QH08].
Slouching [Lus99a], small [PUR94], Smart
[MBF+11, Gro03], sMC [KPS18]. Smith
[RGB+18], Smoothed [PTG10], SOA
[DCL+08], SOA-Based [DCL+08], Social
[NK90, KTWL18], Sodium [DQFW90].
Soft [AG18, GHHS15, RMS+18, YZC+15].
Software [ADMP18, Ano087c, Ano087f, BV11,
BCC+01, BFNV07, CDP+94, Dar99, DW97,
DE03, DBA+09, DBM+11, DGP+97, DJC05,
Fol90a, GCD97, GKMT00, Her09, KS09b,
LRO10, LQJG16, LDB+06, MM90, PPP09,
PA11, PK04, SG09b, CSC19, DTL19,
JDDA19, JsDA+17, JC12].
Software-defined [ADMP18, JDDA19].
Soil [CWHP99], Solaris [Ano087a], Solid
[DQFW90, SK92]. Solidification
[MWC+05, SHK+18]. Solution
[BHK+88, BDL+07, CGB+94, MR90,
PRT90, RS03, uITH07, TMRR10, CSSG17,
CCBS11, CvG11, CMN12, ESW+12,
MEK+19, RDG12]. Solutions
[Fro91, WD19], Solve [BCCL09, CDH+93].
Solved [CSV91]. Solver
[BGG05, BH99, CM07, HR97, KDL01,
Mas02, PR95, AKP+18, AFL+18, BSW+14,
CIT+19, EKF+19, ESW+12, HSM19,
KC18, KRR19, KDH18, OGM+16, RMV+19,
RWM17, ZZG+14]. Solvers
[DR06, GGS01, Key09, KR11, ATL+15,
EAG+19, MSHPV18], solves [SZ11].
Solving
[BS88, BEF+95, CD97, HT04b, IL93, KS89, Km99, Man97, NZ93, SBF90, WT99].
Some [Gir02, PPS09]. Sometimes [RAGW93]. Sonic [WW92]. Sorting
[Arn07, BSK14]. sound [MJGL13]. Source
[CYT+02, BSW+14, MJGL13]. Sowing
[GL97]. Space [FBBC03, JSSZ09, MHW15, ODD07, SBG10, FU12, HLW+16, MPD+12].
space-aware [HLW+16]. Spaceborne [SKB01]. SPAI [BB99, Ma00]. spanning
[dAVCM+19]. Spark [KWEF18]. Sparse
[AD93, Ano02a, AGL+87, Ber92, BELF07, Cho01, GG11, HR97, IYV04, KC92a, KC92b, MC90, Ma00, Man97, MCG94, SZ11, SCFK04, UF89, WT99, ASH16, ATD17, CvG11, GG14, GGO16, MSHPV18, SCR11].
Sparcity [Cho01, IYV04]. spatial
[SPHW18, WDH+15]. Spatially [WBGO6]. Spatially-Explicit [WBGO6]. spatio
[STP+13]. spatio-temporal [STP+13].
Special [BV11, BM13, BH17, BE18, CKE08, DT97, DT99, DT06, DT13, DT17, DT19, HdV18, MP98, Mas19, MFB+19, ME14, Nag93, OV13, PA11, WD19, Ye04, SDS12].
Special-Purpose [CKE08]. specialization
[CBM13]. Species [BB02]. Specific
[BB96, CDH+97b]. Spectral
[BG00, CB95, DFS+05, FSN08, Tho90, DEE+12, EAG+19, MGS+15]. Speed
[Ano87d, BLM+16, Mar87a]. Spherical
[KMP08]. Spiral
[PS+04]. Spline
[Fro91]. Splines [uTH07]. Splitting [IS96].
Splotch [DGRK17]. Sponsored [Sal87].
Spotlight
[MPG93]. Sponsored
[GBK93]. SRP
[MJGL13]. SSOR
[Ma00]. Stability
[ACG+90, BE07, FWZ91]. Stacking
[BBR10]. Standard
[Ano94b, Don02a, Don02b, MPI98, THH+13, Poz97].
Standards
[Pan92]. StarPU
[HHW14]. stars
[HLH+19]. StarSs
[PBAL09]. State
[CBV97, DKMT18, MYCR06, WLC91]. Static
[BLRR01, BR03, dRADS+18b, SCB14, TR17]. Stationary
[SCFK04]. Statistical
[EGMP93, EJD+19, FWB02, Her88, MR04, NRR97, VDB04, ZM07].
Status
[MB87]. Steady
[MYCR06].
Steady-State
[MYCR06]. Steering
[GKP97, KWB06, VR00]. Stefan
[CSV91]. stencil
[APD+15, WKLB19, YFS+15].
stencil-based
[WKLW19]. stencil-reduce
[APD+15]. stencils
[SB19]. stepping
[BS15]. Stirf
[BCCL09]. Stochastic
[AK93, ABAS87, LP10, NZ93]. Stokes
[Mav02, SBF90, ZZG+14]. Storage
[KR11, GG14]. store
[KY19, KES+17]. Storm
[WJS+90]. Strategies
[BCM+03, BBCC03, GWK98, MOK00, WPBB01, EMP+18, MRD+15, OPW+12, SCD+19, SIC+19, SDF+17, SKSG19]. Strategy
[MCW+19, SVN09]. stratified
[AMC+18]. stream
[BLC17, DKMT18, LBB17]. streamed
[GG14]. streaming
[BRGR11, MAB+13]. Strong
[MKM+19, INY+14]. strongly
[ZZG+14]. Structural
[YCHH90, MJD16, PUR94]. Structure
[BH06, CGB+94, CB10, CY10, FWZ91, Jou92, KT99, Liu90, SBF95, SYF96, TMW+99, HTD+14, HIT+14, KC18, LDLD19]. Structure-Specific
[BB06]. Structured
[LDGR03, Ma00, SR05]. WBG06, Ytt97, RV15]. Structures
[BHK+88, DFC90, FFR+10, GCL93, GGI1, HB90, HA91, JP93, DSH+16, EMP+18, JKW18].
Studies
[CHT+19, CBW95, DQFW90, HOB92, HE01, LO06, SABK94, BCYS11, GDKWS15, LDLD19, SSR+14, PB19]. Study
[AS91, BF01, CDH+97b, DJ+19, GLGLB+11, GL97, HL10, HLS+17, JW06, KCKB98, KR94, KR95, LC90, MMD09, PPK+04, SCI92, TXD+07, WGT00, WLB92, WJS+90, WW92, BSW+14, BDFVP15, CGGC+16, CMS+11, DTL19, IFA15, IMB+19, KC18, LFB+15, MBw013, MCR+17, OF17, TKA+17, THC+11, YWL+14]. Studying

successful [CBA+18]. Suggestions [Ano02a, Ano02b]. Summary [Moh09, Sal87]. Supercluster [HBC+08].

Supercomputer [ATD+88, Ano87b, Ano91a, Ano92g, Ano92e, Ano93a, Ano94a, Ano94c, Ano95b, Ano95a, Ano96a, Ano97b, Ano97e, Ano97a, BBW90, CL95, CLP+99, Con88, MKG90, Mai87, McN89, MM90, MA89, Mir90, Mor89a, MR90, Nas92, Sci92, SB04, Web91, WOG95, Bra91, FU12, KMH+14, SDI+19, Duk91, MAB07, Mar89a].

Supercomputing [OCC+08].

Supercomputers [Ald89, ARB+99, AGL+87, Bai88, BBTF89, BCK+89, BWB+10, BYT91, Bro88, CDD+90, DDM87, Gen88, Mar89a, MeN89, MG87, NKN+99, YMJ91, ZC92, DCD+13, HI12, HI13, HI15, PH91, SSL+19, WET+19, ZBMK11, Gen88, Bus87, Mar87b].

Supercomputing [All88, Blo87, DFP+96, EM89, Eri88, Gen88, GKN+96, LC90, Mar89b, McN87, MMS88, Nas92, NNB+96, Nun87, RS88, SABK94, Ans92, BBB+91b, Bra91, BBW90, KT94, MP95, TR92, All88].

Superconductors [JF93]. Supersonic [MYC92]. supervised [HGW14].

Supplemented [BBBS06]. Support [BBG+10, BV11, BCC+01, CBB+04, CFF+94, Dar99, Gro03, YSP+05, RMV+19, SKZ+18]. Supporting [ZRC+06].

SUPRENUM [MT88]. surface [BCYS11, MCR+17]. surfaces [DF18]. survey [GR17, JdSA+17]. Sustained [MSK92, TAR+08]. Swapping [SC04b].

swarm [ABH+18]. SwinDeW [LCJ+10]. SwinDeW-C [LCJ+10]. SWIRL [VRB+19]. SX [LT90, Mor89a]. SX-2 [LT90, Mor89a]. Symbolic [Jea13].

Symmetric [BGG05, Gir02]. Symposium [Mar88a]. synchronised [MBHF15].

Synchronization [TGT05, SPNB14].

Synchronous [DGP+97, Jon12, WD+12]. syntax [JO92].

Synthesis [CBB+96, Kap04a, Wri12]. Synthetic [MPG93, SVBP13, ZCZ+13]. System [AM00, BGI+99, BCJ01, CL95, CLF87, CTD+05, CJK+05, DWW+12, DJC05, ESW+12, GHM+10, GS99, GHZ10, GN11, HLP+03, JLO05, JLL04, LDB+06, MWM+08, MST88, SSB+05, SG09a, uITH07, SBG10, SFP02, WLV+96, CVJ12, DEL+12, HLV+16, IBC+10, JC12, LDW+12, MEK+19, SKS+13, SH93, TNLP13, DCCS10, EDSV06, GCCC+03, MHW15, SM06, WSC05].

System-Initiated [SSB+05]. Systems [ATN+00, AGL+87, BGG05, BCC+09, BV11, BS88, BHdR09, BCC03, BRT+92, BDL+07, CJ06, Cap09, CW01, CY08, CBW95, Dar00, Del93, DFI+96, GMF88, GN11, Her09, HT04b, Ka09b, KK01, LR10, MC90, Ma00, Man97, MCW+00, MR04, NKP+00, Sim90, SDA+01, SKB01, VC89, WT99, YRA+02, de 89, DPD+03, ABD+18, BLOR18, BMMB19, BCR+14, BAP+12, CSGM17, CAE+13, CgV11, DHL16, FU12, GCSK13, GBB18, HI12, HI13, IAF05, IH15, IK18, KTVL18, KU99, LST15, LRL19, LWT+11, LVA+13, LH19, OPW+12, RV15, RDG12, SCD+19, TKA+17, WD19, YB12].

T3D [ABF+99]. T3E [BB99, Ma00, SBSB06]. Tables [vLRA+03]. tailored [FTB13]. tale [Hea15].

Target [BG02]. targetDP [GS18]. Task [BR03, CKPD99, CFK+94, CCBL18, PBA09, CHT+19, EDB19, MBHF15, OPW+12, SMZ+18]. Task-Based [PBA09, CCBL18, CHT+19, EDB19]. task-parallel [SMZ+18]. Tasking
Tasks
[GHZ10, WvNM*06, HTD*14, HLH*19].
Tau [SM06]. Taxol [CBG*94]. TCGMSG
[Mat95]. Technical [Don02a, Don02b].
Technique [ODD07, WGI09, ASHH16].
Techniques [Arn07, BDL*07, FFR*10, KM95, VS03, INY*14, MSHPV18, UZM*14].
Technologies [AB01, Dar99]. Technology
[BB02, Dar00, Mer87, VFJ*15]. Tefloin(R)
[DVC88]. Telescopes [Wrt12].
Televisualization [HE90]. Template
[Poz97, BLC17]. Temporal
[BPBL11, CY08, STP*13, WDH*15].
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[SCKW19]. Teraflopl [HLW00].
Teraflopl-Scale [HLW00]. Teraflopl
[SS99, TAR*08]. TeraGrid [Har11].
Terapixel [ACF*11]. Testbed [BCC*06].
Testing [CDT05, KDL01]. Texas [Na92].
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[LR010, Mar87b, RES87, Ha93, PUR94].
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Theoretical [ASW91]. Theory
[BR03, Mer87, Mor89a]. Thermochemical
[vLR*03]. Thermodynamics [GKH*91].
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[MD99]. Thinning [DB03]. Third
[Lec03].
thousands [GHS15]. Threaded
[BBG*10, LVA*13]. threads [DJ*19].
Three [BCZM07, BHBW*10, CSY10, DD91,
Egg05, LT90, MT89, TWK87, BE17,
CRS*19, LSS93, YFS*14].
Three-Dimensional
[BCZM07, CSY10, Egg05, LT90, MT89,
BE17, LSS93, YFS*14]. three-phase
[CRS*19]. Throughput
[GHM*10, McN89, AGHR19, CMN12].
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[CLM*16, HXW*13, LYL*16]. Tianhe-1A
[HXW*13]. Tianhe-2 [CLM*16, LYL*16].
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[SCFK04]. Time [ACD07, BPBL11, KK01,
LIC*10, MIF*11, Nak99, NRR97, Sim90,
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Time-Dependent [MBF*11].
time-stepping [BSS15]. times [MP95].
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Tokamak [DSD*91, KPM*96]. Tolerance
[Cap09, FGC*05, GKP*07, GL04, JSSZ09,
KBW06, LRG*16, MSHPV18, SKZ*18,
SMZ*18, YZC*15]. Tolerant
[BHK*06, FD04, WvNM*06, ASHH16].
tomographic [BGM15]. Tomography
[CDH*97b, FFR*10]. Tool [RAGW93]. Tool
[LRO10, WFBF04, Ytt97, Er88, IMS16,
SDI*19, TDM*17, UCZ*15]. Toolbox
[CD06, RMV*19]. Toolkit [FK97, LJO05,
Poz97, Pap11, JJO05, LJO05, NPT*06].
Tools [CBM13, DW97, DMT01, DT06,
GRC08, LDB*06, MWC*05, MM90, Pn97,
PA11, SS89, SKZ*18]. Toolset
[KP*00]. top [WET*19]. Top500
[Fe99].
Topologies [MOK00, SW04]. Topology
[Chu99, GJM18, KPR17].
Topology-aware [GJM18, KPR17].
toroidal [IMW*13]. Total
[CHHH10, RMV*19]. Toys [SS99]. Trace
[JKD*11, NRR97, BDFVP15]. Trace-based
[JKD*11]. tracing [PS12]. Tracking
[BGF02, BG02, CYT*02, FIMU19,
RDP*19]. Trade [SR05]. Trade-Off
[SR05]. Traffic [BG02]. train [PNFC16].
Training [AM00]. trait [WLG*18].
Transfer [MAJJS03, ATL*15, KT94].
Transfers [VS03]. Transform
[DL97, BDFVP15, GLGLB*11, LDW*12].
transformation [WDW*12].
Transformations [YCHH10, TGP19].
Transforms [KNP*87, MJ04]. Transition
[YSN90]. Translations [KMPJ08].
transmission [ABH*18]. transparent
[CIWI17]. Transport
[ABF*99, DR06, DSD*91, KVY*90,
MMD98, MWAR*87, MB87, BSH*16,
DMSMG18, DFT*15, SSR*14]. traversal
Unstructured [DMT97, Mav02, MCW^+00, WCE95, KC18, WDW^+12]. unsupervised [ZCZ^+13]. usable [KT94]. Usage [FCLG07]. Use [CDL^+19, Cho01, DD91, MFOAGE18, TKS88, Mar87b]. Used [DFH^+96]. User [FCLG07, LS06, LRG^+16]. user-level [LRC^+16]. User-Provided [LS06]. Users [Pan97]. Using [BHK^+88, BKS^+07, BCR^+14, BBC^+00, CGB^+94, CWHP99, CDH^+93, CL95, CKE08, CYT^+02, CBV97, CW50, FD04, GLZS14, GNTLH97, HAF^+96, HLW00, HE01, HC08, JLO05, Joh01, KDH11, LRT07, LWL05, Man97, MAB07, MCG04, MSK92, QWIC02, QH08, Rao02, SBWS99, TM09, THL88, VLO^+08, VS03, WGI90, WOG95, ABH^+18, ASA19, APD^+15, BE17, BCYS11, BGB^+18, CGGC^+16, CIW17, CLBS17, DWT^+19, DFT^+15, EKF^+19, FSC^+11, GDKWS15, IMH^+11, JC12, KDO16, KBY^+19, KTWL18, KL13, LST15, LPB^+16, MDH^+18, MJD16, MJGL13, Pap11, PNFC16, PH19, SABD13, SKS^+13, YZZ^+15]. Utility [LS06, YB07]. Utility-Driven [YB07]. utilization [DCD^+13], utilizing [SKZ^+18].

Virginia [GNTLH97]. Virtual [BAP+12, BEF+95, DFH+96, FKT01, HWP03, KKDVO3, KKD05, LK10, THC+96, WLVL+96, ICPSG18, IK18, MSPSI15, SSU+12, CBB+04].

Virtual-machine-based [BAP+12]. virtualization [KL13]. Vis5D [HAF+96].

viscosity [ZZG+14]. Vision [Hab90, LAV09, Sha88, BE17, MBHF15, PNFC16, LPG88].

vision-based [BE17]. Visual [DFP+96, DL07, Koi90, WW92, APD+15]. Visualisation [DFC90, Foli0a, GKP97, Hab90, HBSM03, KWB06, SL87, SS89, SK90, ZLSG99, BCLL17, LSS93, HBSM03]. Visualizing [GBK93, Vivo] [CBW95].


volumetric [CLBS17]. Volunteer [KDH11].


Wakeup [TNBG07]. Walk [Wil87]. ward [DSH+16]. water [EKF+19, EAG+19, LVA+13]. Waterman [RGB+18]. Watermarking [TC10]. Wave [BBC+00, BEF+95, KGN+96, JRT16, TAM+16, VFJ+15]. Wavefront [HLW00].

WAY [DFP+96, GKN+96, NBB+96].

WBTK [IL04]. WE-AMBLE [HBS08]. Weakest [TLC98]. Weather [MHW15, WOS08, MKM+19]. Web [Men00, WHL03].

WEBCOM [MCS+06, DCSS10]. WEBCOM-G [MCS+06]. weighted [HFV+12]. Wendroff [YFS+14].

western [CDG+14, Nun87]. White [Moh09]. Wide [BBA77, DFP+96, GNTLH97, MYCR06, MAJJS03, NBB+96, GDKJS15].

Wide-Area [DFP+96, MYCR06, NBB+96]. Wideband [CYT+02]. Wigner [TC10].

Wind [KBY+19]. Windows [An01a, CLP+99]. Within [QH08, EAG+19]. without [ECG+13].

Wizard [SBG10]. Word [HRM89]. Work [Dec10]. Workflow [CY08, Dec10, DCL+08, DCCS10, GMLP08, GRC08, HTWS08, HBSP08, MWM+08, CRS+19]. Workflows [BKRSR09, LJC+10, QH08, BTRZ+19, CMS+11, DCM+17, DPA+18, DMJS19, GSA+19, HLC+19, PBE+19, TR17, TBA+17].

Workload [DB93, SC09, TCW06, Har11]. workloads [ABG+19, CBA+18]. Workshop [Lee03, DT11, LS90]. Workstations [Sal87, VLO+12, RDG12]. World [TAR+08, HPW+16]. Worm [AAF+01].

Wrapper [LD07]. Write [BPPL11, BIC+10]. Write-Back [BPPL11, BIC+10]. WS [HTWS08].

WS-RF [HTWS08].


Y-MP [AEPR92, De93, DH96, MYC92, MSK92]. Yale [SSNM92]. Yau [Tis97]. years [BBB+17]. yeast [RPdB+19]. Yellowstone [UB95].

REFERENCES

[SWHP05]. Zero-Copy [SWHP05].

References

Addison:1997:PSI


Allen:2001:CWE


Ando:1987:ECS


Averick:1994:NOC


Aupy:2018:CSA

Guillaume Aupy, Anne Benoit, Sicheng Dai, Loïc Pottier, Padma Raghavan, Yves Robert.

Ashby:1999:NSG


Aupy:2019:CSH


Acedo:2018:CLN


REFERENCES

AbdelBaky:2018:SDE

AlSairaﬁ:2003:DDN

Ansaloni:1992:EPI

Aloisio:2009:TED

Anzt:2019:TMP


[AK93] Hans M. Amman and David A. Kendrick. Forward looking behavior and learning in stochastic control. The Inte-
Aktulga:2019:OPR


Allegretti:2008:CAD


Anzt:2018:OPE


Al-Kharusi:2019:LPD


Aldag:1989:ISG


Allen:1988:CSS

William H. Allen. Centers of


[Ano91a] Anonymous. The International Journal of Supercomputer Applications — infor-
REFERENCES

Anonymous:1991:IJSa


Anonymous:1991:Mc


Anonymous:1992:Aa


Anonymous:1992:Ab


Anonymous:1992:Ac


Anonymous:1992:Ad

Anonymous. Announcements. The International Journal of
REFERENCES


Anon. Anonymous: 1992: Md


Anonymous: 1992: Md


Anonymous: 1993: Ma


Anonymous: 1993: Mb


Anonymous: 1993: MPI


Anonymous: 1993: IJS

Anonymous:1994:MMP


Anonymous:1994:SAH


Anonymous:1995:IJSb


Anonymous:1995:IJSc


Anonymous:1996:IV


Anonymous:1996:ICa
Anonymous:1997:IJSc


Anonymous:1997:IV


Anonymous:1998:IJH


Anonymous:1998:M

REFERENCES

Anonymous:1999:IIJ


Anonymous:2000:IIJ


Anonymous:2001:AAL


Anonymous:2001:SB


Anonymous:2002:EMP

Anonymous:2002:Ab


Anonymous:2002:Ad


Anonymous:2002:Ac


Anonymous:2002:AA

Anonymous:2002:ACb


Anonymous:2002:DBB


Anonymous:2002:Ib


Anonymous:2002:IC


Anonymous:2002:Ra


Anonymous:2002:Rb


Anonymous:2002:SRa


Anonymous:2002:SRb


Anonymous:2017:N


Anonymous:2017:P


Anonymous:2019:CFD


Aldinucci:2015:PVD


Aoyagi:1991:ITS


Almlof:1988:SCU


Anzt:2017:PEE


Aida:2000:PEM


Austin:1992:CSU

REFERENCES


REFERENCES


Edoardo S. Biagioni and K. W. Bridges. The application of remote sensor technology to assist the recovery of rare and endangered species. The International Journal of High
REFERENCES


BELLOWS: 2017: LBY


BETHUNE: 2014: PAA


BOUCHITTE: 1995: EAE


BOSILCA: 2018: FDH

[BBG + 18] George Bosilca, Aurelien Bouteiller, Amina Guermouche, Thomas Herault, Yves Robert, Pierre Sens, and Jack Dongarra. A failure detector for HPC platforms. *The Inter-
REFERENCES


Bouteiller:2006:HPS


Bland:2013:PFR


Borghesi:2019:PSE


Belgin:2010:OSE


Barnard:1999:MIS


Bougeret:2014:UGR


Bhushan:2011:SSL


BenYoussef:2007:PIC


Besard:2015:CSM


Beguelin:1995:REP


Browne:2000:PPI

REFERENCES

Buttari:2007:MPI

Bagrodia:2001:PSL

Bodoğlu:2007:PRM

Bakken:2017:RTT

Bland:2018:SIF

Bristeau:1995:SHE
Marie-Odile Bristeau, Jocelyne Erhel, Philippe Féat, Roland
REFERENCES


REFERENCES


Berthou:2001:COH


Baraglia:1999:OPM


Breitenfeld:2000:PIS


Brooks:2002:TME


Bounanos:2007:LBD


Beltran:2009:HBL

Marta Beltrán and Antonio Guzmán. How to balance the
REFERENCES


References


[Basu:2013:TMA] Protonu Basu, Mary Hall, Malik Khan, Suchit Maindola, Saurav Muralidharan, Shreyas
REFERENCES


REFERENCES

Bhatt:2007:CGU


Basney:1999:IGC


Beard:2017:RCT


Blok:1987:SGC


Benoit:2018:REC


Biswas:2008:P


Bernard:1991:SQG


Bader:2001:A


Bellens:2011:MBT


Bhatt:2007:GGA


Benoit:2018:RCS

Boeres:2003:TOS


Brandt:1991:CSH


Benoit:2011:MCR


Brightwell:2010:EDA


Brightwell:2003:DIP


Brown:1988:SCC

Benoit:2017:ECV

Brower:1992:BHP

Brightwell:2005:AIO

Berry:1988:MSS

Bailey:1989:FP

Bhatti:2003:NQG
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Chaimov:2013:TML

Casanova:2001:DMS

Constantin:1997:PHK

Chirravuri:1995:MPA

Chang:1995:PMH

Conejero:2018:TBP
Javier Conejero, Sandra Corella, Rosa M. Badia, and Je-

Chau:2011:PSO


Carter:2006:Pb


Carter:2006:Pa


Callahan:1988:PPP


Callhoun:2019:EFL

<table>
<thead>
<tr>
<th><strong>REFERENCES</strong></th>
</tr>
</thead>
</table>
Chang:1993:UPC


Colbrook:1997:E


Reports on the EUROPORT Project to port 38 industrially relevant codes to parallel computers.

Cuny:1997:BDS


Cappello:2019:UCL


Choi:1994:CRL

REFERENCES


[CdVL+18] Jan Clinckemaillie, Birgit Elsner, Guy Lonsdale, Serge

Chandy:1994:IST


Cachau:1994:SST


Cappello:2009:TER


Calderon:2016:IPU


Calore:2019:OLB

E. Calore, A. Gabbana, SF Schifano, and R. Tripiccione. Optimization of lat-
REFERENCES


Chalios:2018:D

Casas:2019:RGI

Chen:1994:MPM

Chen:2013:TFA

Chen:1988:DDA


Chen:1999:DEH

Chapman:2009:PI

Craig:2015:IPP

Commer:2012:IKS
Michael Commer, Filipe Rnc Maia, and Gregory A. Newman. Iterative Krylov so-

**Callaghan:2011:MHS**


**Connolly:1988:BRS**


**Cotronis:2004:_CMP**


**Cowles:2008:PFC**


**Chapp:2019:TPW**


[CTD+05] Nancy Collins, Gerhard Theurich, Cecelia DeLuca, Max Suarez, Atanas Trayanov, V. Balaji, Peggy Li, Weiyu Yang, Chris Hill, and Arlindo da Silva. De-

Collignon:2011:FIS


Craig:2012:NFC


Chorley:2009:HMP


Chapin:2001:OS


Cooper:2005:IAC

REFERENCES


**Dongarra:2009:IES**


**Dongarra:2011:IES**


**Downes:2010:DRS**

Patrick Downes, Oisín Curran, John Cunniffe, and Andy Shearer. Distributed radiotherapy simulation with the Webcom Workflow System.
Dubey:2013:POB


Digonnet:2019:MPA


Deelman:2017:PAP


Diener:2017:MMA

Matthias Diener, Eduardo Hm Cruz, and Philippe Oa Navaux.


[Darema:2000:P] Frederica Darema, Jack Don-
REFERENCES

delaBourdonnaye:1989:EEM


Dongarra:2003:SAN


Dackland:1992:PBM


Dennis:2012:CSS


Deelman:2010:GCM


Delic:1993:PAC


Dennis:2012:ALP


Demos:1990:IAM


Du:2008:LCP


Daberdaku:2018:CVR


Dixon:1990:QCM

REFERENCES


REFERENCES


[DGRK17] Timothy Dykes, Claudio

 |

 |

 |

 |

 |

 |

 |

 |

 |

 |

 |

 |

 |

 |

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 |

 |

 |

 |

 |

 |

 |

 |
REFERENCES


[DJ+19] Alexandre Denis, Julien Jaeger, Emmanuel Jeannot, Marc Péraphic, and Hugo Taboada.


M. Drozdowski, M. Lawenda, and F. Guinand. Scheduling


REFERENCES


Deelman:2018:FSW


Dahmani:2006:SMD


Astorga:2018:AOI

REFERENCES


REFERENCES


[Dongarra:2013:IAS]


[Darriba:2014:HPC]


[Dongarra:2017:GEN]

REFERENCES


REFERENCES

/Dragovitsch1995:PPS


[Dhingra1999:CGP]


[ECG+13]

[EMDiouri2013:EEH]


[EDB19]

[Ejarque2019:HTB]


Evans2019:PAF

journals.sagepub.com/doi/full/10.1177/1094342019845438

Edelman:1993:LDN


Ern:1995:DCM


ElMaghraoui:2006:IOS


Eder:2005:MPP


El-Gamal:1993:CIS

REFERENCES


Endrei:2019:SML


Epperly:2012:HPL


Elliott:2019:ISP


Eoyang:1989:SJI


Epicoco:2018:HSD

REFERENCES


Erisman:1988:STP


Evans:2012:MSI


Eyraud:2006:PAS


Faerman:2003:RAS

REFERENCES


foster:1997:GMI  

filguiera:2017:DPF  

foster:2001:AGE  

foley:1990:SDV  

follin:1990:AI  

fowler:2005:P  

friedlander:2002:SIF  
D. S. Friedlander and S. Phoha. Semantic information fusion for coordinated signal processing in mobile sensor net-

**Frattolillo:2005:RLS**


**FroeseFischer:1991:CVA**


**Filgueira:2011:ACE**


**Fladrich:2008:IPN**


**Felker:2013:OMC**


**Fortin:2019:DTT**

Pierre Fortin and Maxime Touche. Dual tree traversal on integrated GPUs for

**[FTB13]**


**[FWZ91]**


**[FWZ02]**


**[FU12]**

REFERENCES

Gannon:1988:PES


Garcia-Blas:2018:HLP


Garcia-Carballeira:2003:DEP


Geradin:1997:PSF


Gantes:1993:SDP


Gainaru:2013:FPH

REFERENCES

sagepub.com/content/27/3/273.full.pdf+html.

Geist:2009:IEC

Gonzalez-Dominguez:2015:LSG

Glimberg:2019:MSD

Gentzsch:1988:CSM

Gabriel:2005:EDC
Edgar Gabriel, Graham E. Fagg, and Jack J. Dongarra. Evaluating dynamic communicators and one-sided oper-


Gray:1993:VCP


Gottlieb:1991:HTC


Gropp:2000:GNK


Geist:1996:EED


Geist:1997:CPF

REFERENCES


REFERENCES


Cecilia Gomes, Omer F. Rana, and Jose Cunha. Extending Grid-based workflow tools with patterns/operators. The Intern-
REFERENCES


Grossschädl:2003:ASL


Gray:1999:MIS


Ghan:2005:LBS


Gropp:2009:NCC


Gray:2018:LAP


Gainaru:2019:FSV

[GSA+19] Ana Gainaru, Hongyang Sun, Guillaume Aupy, Yuankai Huo, Bennett A. Landman, and Padma Raghavan. On-the-fly scheduling versus reservation-based scheduling for unpre-


David L. Hart. Measuring TeraGrid: workload characterization for a high-performance computing fed-
REFERENCES

Hausheer:1994:ITI

Hingert:1990:ARS

Hood:2008:BCS

Hsueh:2008:FPG
Mingkai Hsueh and Chein-I Chang. Field programmable...


REFERENCES


**Hugo:2014:CMS**


**Huckelheim:2019:RMA**


**Hoe
er:2012:OSR**

Torsten Hoe

**Hoe
er:2013:OSR**

Torsten Hoe

**Hasegawa:2014:PEU**

Yukihiro Hasegawa, Jun-Ichi Iwata, Miwako Tsuji, Daisuke Takahashi, Atsushi Oshiyama, Kazuo Minami, Taisuke Boku, Hikaru Inoue, Yoshito Kita
ewa, Ikno Miyoshi, and Mitsuo Yokokawa. Performance evaluation of ultra-large-scale first-principles electronic structure calculation code on the K computer.
REFERENCES

**Hu:1996:DPI**


**Hara:1988:FSP**


**Hey:2000:DPP**


**Hauser:2010:OCF**


**Han:2019:GAS**


**Heller:2019:HBT**

Thomas Heller, Bryce Adelstein Lelbach, Kevin A. Huck, John Biddiscombe, Patricia Grubel, Alice E. Koniges, Matthias Kretz, Dominic Mar-


REFERENCES


REFERENCES


Hey:2004:USP


Hai:2010:PSR


Harrison:2008:WRW

Andrew Harrison, Ian Tay-

**Huang:2003:IJB**


**Hoffman:2005:VCL**


**He:2009:PMAa**


**Huang:2003:VDH**


**He:2009:PMAb**


**Hou:2013:PMD**

[HXW+13] Chaofeng Hou, Ji Xu, Peng

**He:2009:PMAd**

[HXW+13] Chaofeng Hou, Ji Xu, Peng
REFERENCES


[ICPSG18]

Hutchinson:1991:FSM


[IFA15]

Isaila:2010:SMP


[Ibtesham:2015:CCS]


[Iakymchuk:2019:HAD]

Roman Iakymchuk, Stef Graillat, David Defour, and Enrique S. Quintana-Ortí. Hierarchical approach for deriving a reproducible unblocked LU factorization. *The International Journal of High Performance Comput-
REFERENCES


Iskra:2015:OSR


Ishiguro:1987:PAV


Imrohoroglu:1993:NAS


Iyengar:2002:P


Iverson:2018:VMM

Milos Ivanović, Ana Kaplarević-Mališić, Boban Stojanović, Marina Svicević, and Srboljub M. Mijailovich. Machine learned domain decom-

**Imamura:2010:HPQ**


**Iserte:2019:DRN**


**Igual:2011:CTA**


**Igual:2012:RCT**


**Islam:2016:EMT**

Tanzima Islam, Kathryn Mohror, and Martin Schulz. Exploring the MPI tool in-

Ibrahim:2013:AOG


Idomura:2014:COT


Ilin:1996:CLS


Ishiguro:1991:QMA


Ibeid:2016:PMC

REFERENCES


[JdSA+17] Chao Jin, Bronis R. de Supinski, David Abramson, Heidi

Jeannot:2013:SMA


Jurczuk:2018:GBC


Jespersen:1989:CFD


Jalby:2004:WNS

REFERENCES

DEN IHPCFL. ISSN 1094-3420 (print), 1741-2846 (electronic). URL http://hpc.sagepub.com/content/18/2/211.full.pdf+html.

Jacob:2005:CPI

Jin:2005:IPR

Jones:2002:TDS

John:1990:MPO

Johnsson:1992:LBL

Johnston:2001:UCD
REFERENCES


Jaros:2016:FWN


James:2009:AFT


Jeannot:2006:SMD

Kahaner:2007:P


Kale:2009:EAD


Kale:2009:PME


Keahey:2000:LCA


Kirby:2019:WFS


Kim:1992:EPAA

REFERENCES


REFERENCES

150


Katti:2018:EFD


Kepner:2004:HPO


Kougkas:2017:RKV


Keyes:2009:PDE


Kemal:2016:MSA


Kepner:2004:HPC


KDNE18

Kepner:2004:HPC

Kougkas:2017:RKV

Keyes:2009:PDE

Kougkas:2017:RKV

Kemal:2016:MSA

Katti:2018:EFD

Kepner:2004:HPO

Kepner:2004:HPC

Kougkas:2017:RKV

Keyes:2009:PDE
REFERENCES

Kumar:2010:ACC

Kerbyson:2004:PEA

Kohl:2019:SEC

Kulkarni:2013:OPC
Abhishek Kulkarni, Latchesar Ionkov, Michael Lang, and An-

Kitchens:1990:UDE


Kerbyson:2005:PMP


Kramer:1996:LBL


Katz:2001:ERT


Kandaswamy:1998:ESA


Kranzlmuller:2005:RAP

Dieter Kranzlmüller, Peter

Kranzlmüller:2003:RAP


Kluszek:2019:EMT


Kennedy:2004:DMP


Kocoloski:2013:ICN


Liao:2007:CCS

REFERENCES

Kao:1987:EIM


Kumaran:1995:CPL


Kumar:2014:OMC


Kumahata:2016:HPC


Kurzak:2008:AGF


Keyes:2013:MSC

David E. Keyes, Lois C. McInnes, Carol Woodward, William Gropp, Eric Myra, Michael Pernice, John Bell,
REFERENCES


Kirmani:2017:ESS


Kuan:2018:MSA


Kremer:1994:COR


Kremer:1995:ECO


Korc:2011:PLS


Kormann:2019:MPS

REFERENCES

Kaufman:1989:STD

Kurzyniec:2005:FRH

Kramer:2009:EAS

Kramer:2009:CAP

Kennedy:1994:CSM

Kimura:1999:DPC
Toshiya Kimura and Hiroshi Takemiya. Distributed parallel computing for fluid-structure coupled simulations
REFERENCES


**Ko hl:2006:CIH**


**Kamburugamu ve:2018:AML**


**Kepner:2007:P**


**Lai:1993:DDM**


**Labarta:2009:BVT**


**Li:2017:DFB**

Peng Li, Jonathan C. Beard,


Laflamme:2003:APS


Langr:2019:AMN


Li:2012:LSF


Lee:2003:BAP


Levy:2015:SVE

REFERENCES


REFERENCES


Lin:2001:RCB


[LK01]

Lastovetsky:2010:RAP


[LK10]

Li:2003:ALS


[LMT+12]

Lauritzen:2012:IND


[LNSMMA15]

Lopez-Novoa:2015:EIK

REFERENCES


**Lastovetsky:2009:AEE**


**Lim:1989:VAL**


**Laguna:2016:EEU**


**Lima:2019:PEA**


**Lastovetsky:2010:AHC**

REFERENCES


[LT88] M. Lescrenier and Ph. L. Tointt. Large scale uncon-

**Leiss:1990:TDD**


**Langer:2017:EOC**


**Lucas:2009:MPF**


**Lusk:2009:STE**


**Luszczek:2009:PPM**


**Lobeiras:2013:PSW**


Liu:2005:PAL

Liu:2016:THR

Ludwig:1997:OIL

Menasce:1989:AMS

Lively:2011:EPC
Ma:2000:CIP


Magoules:2015:AAL


Mavriplis:2007:HRA


Malas:2013:OPS


Mahaffy:1990:DNI


Maisel:1987:SSD

Mohamed:2003:SBD


Manneback:1997:SIS


Martin:1987:BRH


Martin:1987:BRS


Martin:1987:IP


Martin:1987:MP


Martin:1988:BRS


[Mat95] Timothy G. Mattson. Programming environments for parallel and distributed computing: a comparison of P4,
REFERENCES


Mateescu:2003:QSG


Mateescu:2003:QSG

Mavriplis:2002:PPI


Martinez:2018:FGS


Migliori:2011:PCT


Martin:1987:SVM

<table>
<thead>
<tr>
<th>REFERENCES</th>
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</thead>
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ISSN 0890-2720. URL http://journals.sagepub.com/doi/pdf/10.1177/109434208700100402

Meurant:1988:DDM


Mencagli:2019:SIP


Moreton-Fernandez:2018:CAE


Maccabe:2009:RM


Maccabe:2009:RM


Melhem:1987:TEI

Rami Melhem and Dennis Gannon. Toward efficient...

**Malawski:2012:CBA**


**Markidis:2015:OAN**


**Murtaza:2011:CAS**


**Mozdzynski:2015:PGA**


**Michielse:2009:AAP**


REFERENCES


McNamara:1990:CAS


Mackay:1998:SPF


Mironov:2019:EMO


MacDonald:2011:GMM


Mohr:2009:PE


McRae:1988:CRS

Gregory J. McRae, Jana B. Milford, and Barbara J. Slompak. Changing roles for supercomputing in chemical en-
REFERENCES

Mohr:2009:SIW


Mackenzie:2000:CMN


Montry:1989:MPM


Monitzer:2012:CLB


Moriarty:1989:OSL


Moriarty:1989:PPL

REFERENCES


[Martin:2012:AAV]


[Mastin:1993:MPD]

REFERENCES

Magoules:2015:IAE


Moriarty:1990:SMS


Mendes:2004:MLS


Minervini:2015:LSA


Moyer:1995:PPA


Mahinthakumar:2002:HMO

REFERENCES

Mirin:2005:SIF


Mach:2009:PAE


Molano:2019:DFP


McIntosh-Smith:2018:ABF


Moriarty:1992:PPS


Malony:2007:CMO

REFERENCES


McIntosh-Smith:2015:HPS


Mierendorff:1988:SS


Mandell:1989:PPT


Miro:2012:IPS


Martin:1987:MCP


McManus:2005:ASM

Kevin McManus, Alison Williams, Mark Cross, Nick Croft, and Chris Walshaw. Assessing the scalability of multiphysics tools for modeling solidification and melting processes on

Ma:2008:GEW


Moon:1992:MLP


Nagurney:1989:BRP


Nagurney:1993:ISI


Nakano:1999:RBB

REFERENCES


Nieplocha:2006:HPR


Numrich:2004:PMB


Nunns:1987:SWC


Nielsen:1993:MPP


Olik:2008:SAP


Onat:2007:PIR

Oden:2017:IVG


Otten:2016:MOI


Obrecht:2011:TPM


Olivier:2012:OTS


Oliker:2013:ISI


Oldfield:1998:EPS


Ozsoy:2016:EPL


Pavan:2011:SIP

REFERENCES


REFERENCES


Plaza:2008:P


Phillips:2016:PAH


Prabhu:2018:DRC


Palmer:2010:CBF


Persons:1991:DAD


Pichler:2019:FEM

Primet:2004:GNM

Pichel:2010:ILI

Putman:2005:CPP
REFERENCES


REFERENCES

Petersen:1987:CSL

Perrotte:2012:FGP

Park:2016:OHP

Pineda-Torres:2002:IFS

Profeta:1994:RES


REFERENCES


[Reu92] Hans-Georg Reusch. Experiences with the parallelization

Rucci:2018:OOS


Rugiu:2001:PPN


Rogers:1990:NSF


Rizzi:2018:PDE


Riha:2019:MPM

REFERENCES


Katarzyna Rycerz, Alfredo Tirado-Ramos, Alessia Gulandris, Simon F. Portegies Zwart, Marian Bubak, and Peter M. A. Sloot. Interactive N-body simulations on the Grid:

**Raghavan:2015:AEH**


**Sabelli:1991:PRH**


**Sanjurjo:2013:PMC**


**Stouchnoff:1994:SSB**


Salzman:1987:VSC


Snir:2004:FMS


Scogland:2018:I


Szustak:2019:PPP


Sunder:2006:DP


Saati:1990:SNS

Abdulmamman Saati, Se-

**Su:2010:PPW**


**Su:1999:UAS**


**Sellappa:2004:CEM**


**Sievert:2004:SMP**


**Skinner:2009:IEE**

REFERENCES


Shapiro:1995:OPA


Saillard:2014:PCS


Serpa:2019:OSG


Strout:2004:STS


SSSTCSAICS:1992:NSC

REFERENCES

Swirydowicz:2019:ATP

Skjellum:2001:SA

Shantharam:2011:EDS

Spataro:2017:NSF

Sullivan:1987:ADL

Stegailov:2019:AIM


Xian-He Sun, Thomas Fahringer.


[SH93] Agapi L. Somwaru and Kenneth Hanson. Globally con-

Shapiro:1988:PPV


Szustak:2018:POS


Simmendinger:2019:ISG


Simon:1990:HPS


Shirayama:1990:FVC


Strip:1992:SMM

David Strip and Michael Karsick. Solid modeling on a massively parallel processor. *The International Journ-
REFERENCES


Sterling:2004:PMM


Sterling:2009:BNN


Sterling:2009:MCE


Saltz:2013:FBA


Spataro:2017:HPC


Spafford:2013:MSA

Kyle Spafford, Jeffrey S. Vetter, Thomas Benson, and Mike

Sivagama:2009:DCE


Schikuta:2001:P


Swany:2004:BPT


Snir:2014:AFE


Smith:2003:DQP

Jim Smith, Paul Watson, Anastasios Gounaris, Norman W. Paton, Alvaro A. A.
REFERENCES


Santhanaraman:2005:DZC


Salmon:1994:FPT


Stathopoulos:1996:PIM


Smith:2011:STS


Schive:2012:DUH

Hsi-Yu Schive, Ui-Han Zhang, and Tzihong Chieu. Directionally unsplit hydrodynamic schemes with hybrid Mpi/Openmp/GPU parallelization in AMR. *The Interna-
REFERENCES

Tsuboi:2016:TDF


Tiyagura:2008:TSP


Trivedi:2006:HAW

Rahul Trivedi, Abhishek Chandra, and Jon Weissman. Heterogeneity-aware workload distribution in donation-based Grids. *The International Journal of High Performance Comput-

Tseng:2008:EPC

Tao:2019:ZCF

Tordini:2017:NIR

Teixeira:2019:MCT

Thakur:2005:OSO
REFERENCES


REFERENCES


[TNLP13] Thanadech Thanakornworakij, Raja Nassar, Chokchai Box Leangsuksum, and Mihaela Paun. Reliability model of a system of k nodes with simultaneous failures for high-


[Tavarageri:2013:APT]


[Tchipev:2019:TTT]


[Tan:2007:SA]

[UB95] Ember Uziel and Michael W. Berry. Parallel models of animal migration in Northern Yellowstone National Park. The International Journal of Supercomputer Applications
REFERENCES


REFERENCES


Vega-Rodríguez:2018:PCB


Vazhkudai:2003:URT


Vondrous:2014:PCP


Valin:2013:OPM


Wadleigh:1999:HPF


Walker:2003:PGC

Walker:2018:MOA


Wismuller:2004:PA


Wang:2006:PSE


Washington:1990:CSG


Walshaw:1999:MMP


Walshaw:1995:LAO

REFERENCES


**Worley:2005:PPP**


**Wyrzykowski:2018:GEN**


**Wyrzykowski:2019:GEN**


**Wood:2015:GCM**


**Wu:2012:CTU**


**Web91**

Thomas A. Weber. The
REFERENCES


Whalen:2012:NTC


Wang:2019:MGP


Wong:2007:PPT


Wang:1990:TEB


Woolf:2003:WSM

REFERENCES

Wilhelmson:1987:WF


Witten:1992:EFP


Wilhelmson:1990:SEN


Wichmann:2019:PAO


Wholey:1992:CFC


Wang:1991:PHP

REFERENCES


Yamin:2003:TMC


Ye:1990:TEC


Yelicik:2004:SIA


Young:1996:ICM


**YarKhan:2006:RDG**


**Ytterstrom:1997:TPS**


**Young:1993:FVC**


**Yuan:2014:OFA**


**Yao:2015:DSE**

Zheng:2011:PHL


Zhu:1992:HMM


Zhu:2013:PUS


Zhang:1993:EMC


Zounmevo:2014:ESC


Zaki:1999:TSP

REFERENCES


Zender:2007:SPC


Zaider:1990:CAA


Zhang:2006:SSD


Zheng:2014:IMS