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**Title word cross-reference**

* [CS16], + [SBC17], 0 [LS92], 1 [LS92], 2 [CTB14, ES11, IBA11]. 3
[BC15, HPVRPF15, HF14a, HF14b, JGM15, SJKA99, SBC17]. < [JS06a], > [JS06a], (R)
[BKT08, SM09]. TM [BKT08]. t1 [GLLH17]. m [DPL86].


1000 [SSMO96]. 16 [Swa88]. 18th [DB08].

2DT-FP [BARSW95].

3.0 [KaM10, OP10].

95 [KaM10].

A. [Swa88]. Abingdon [AM95].
abstraction [VR88]. Abstractions [BCL14, LQWP10, YAI95]. Accelerated
[KLK16, SBC17]. Accelerating [FJZ+15, HF14a, HF14b, MAWD+16, PTdSF+12].
Acceleration [BC10, MCFM12, STM15].
Accelerator [EK17, FVvL+16]. Access [JG97, Joh94, OOR13, ZK07]. Accesses
[GV95, LPB13]. Accumulations [MM16].
Accumulative [HI04]. Accuracy
[CEP97, KP04]. Accurate [RGB+08, TA99].
Accurately [BGdS09, Low00]. Achieving
[AMP+05, GAR+16, GS90, Won02].
Acknowledgment [Nic14]. ACOTES
[MAB+11]. Activity [FR95]. ACTS
Acyclic [Hue97, ZLJA12].
Adaptability [SA10]. Adaptation
[CCL12, SJT13]. Adapting
[EFED05, JMSG02]. Adaptive
[BFRPVR, DJS12, GLLIH17, GRV+17,
GH99, HHW10, HP13, HR11, KSEG14,
LM+12, LJEO5, PSM97, RA09, SHC15,
ZLD15]. Address
[SS01, TAY+12, HR11].
Addressing
[GG13]. Adjoining
[PS92, PW92]. ADL
[PC13]. ADL-Based
[PC13]. Admission
[NYHA14]. Advance
[SL14]. Advanced
[DLRS13, MAB+11, LF15, NdMMW16].
Advantage
[TKN+08]. Affine
[Fea92b, KP95, LM00, Mon97, Fea92a].
Affinity
[GRC+14]. Again
[MP04]. Age
[DKB+09]. Agent
[FLMR17, WLL+08].
Agent-Based
[FLMR17]. Agents
[ES06]. Aggregation
[LSA+07, SB03]. Aggressive
[SK14]. Agnostic
[AVM+16, NAP02]. ALE
[HAAn+11]. Algebra
[CCG+14, CBR17, MP04].
algebraic
[SS89]. Algorithm
[AFO+08, AKT+14, BM09, CL96, Cra88,
DMMS91, DWS16, DZW10, GF14, HNC+16,
IP90, IKN00, KBD03, LL+12, LMP98,
LF15, MNN15, Mer86, MB12b, MVD+14,
NFC+09, NB15, NRR99, NdMMW16, PS92,
RK92, SI11, SWL05, Sp92, EG86, FeC87,
GZ87, GT86, Hua89, JGA+88, LS92, Sch92,
SRV88]. Algorithm-Based
[NRR99]. Algorithmic
[EK17, DM17, SHK13]. Algorithms
[AT91, AMAH01, AK17, AGT17, BR14b,
CAP98, Dam07, DWS90, EOS8, FG16, Ged13,
GF14, IBA11, Iq91, uHKAMFM16a, uHKAMFM16b, KPS14,
LTSD15, Liv91, ÖO07, RG15, SH87, SSS92,
SKAT91, SR90, Zey05, ZLD15, DPL86,
ECSS88, HFMM88, SDJS98, Swa88, Zha89].
Alias
[LC11, WGW04]. Alignment
[FPY08a]. All-Parses
[IP90]. All-Port
[IBA11]. All-to-All
[QA11]. Allocation
[BE14, CND95, LkCH94, NG92, ZLD15, EO88, NP98].
Alloyed
[LLSS03]. Allpairs
[SFAG14]. Alltoall
[QA11]. Alone
[DJR16]. Alternative
[KF99, FC87]. Alternatives
[Bel94, MB99, NPT86]. Amdahl
[Ano87a, PM07]. AMR
[ALC+07]. Analyses
[CI96, GV95]. Analysis
[AK96, AB70, AFO+08, AW98, BG96,
BFRPVR15, C5C+00, CA02, CPL+10,
Fea91, GH96, KP89, LY95, LHF+15, LC11,
MP91, MHL95, MP04, PPEP08, RRH03,
Sca11, SSM+96, SO89, US05, WGW04,
dM03+03, AD86, GTK+88, NPD89, RS90,
KR87]. Analytical
[KWA+10, VCP+13]. Analyze
[ASW+15, Dem11]. Analyzing
[ALG+95, DF98, FM09, HRH08, SD11].
AND-parallel
[SRV88]. AND-Parallelism
[SH96, BS89]. AND/OR
[RK92]. Announcement
[BMGR11]. Annotation
[Int98, An92, An92]. Anomalies
[Jan15]. ANSI
[BG03]. Anti
[CDRV98]. Anti-
[CDRV98]. APCFS
[KK11]. APL
[GS90]. app
[DJR16]. Application
[ACC+02, API03, BGdS09, BS07, CHTM03,
Dam07, FJO+16, JCH+08, KS97, Mat17,
MP04, PG07, PB04, RSK09, Sek09, SKG09,
TOM+11, VMS15, BH87, CRM92, WB87].
Application-Dependent
[VMS15]. Application-Specific
[API03, TOM+11]. Applications
[An16a, BBR11b, CY14, CBR17, CHL14, CPT14, DPT17, DFH17,
DS16, GCMP09, EWH91, FM09, GHM14,
GS11, GS13, GRC+14, GGV17, Gr16,
HK14, HM09, HbB+10, HLK+09,
IPR+05, KMC02, KPRS96, LR14,
LLW+17, LQWP10, LWL11, MV17, Mar09,
MAJD16, MG15, MCW01, MAN09,
Mis09, OK99, PPQV16, RLP+02, RSJ+14,
RGB+08, SR15, SUVC17, SSB+17, SASH12,
SB03, TMHT96, WL16, ZK07, ZSH+12,
GKM13, SDJS98, SS89]. applicable
[Hun87]. Applied
[BUMS02, KaM10, Lin91a]. Approach
[AK90b, AVA+16, CHB06, FCZ16, FJO+16,
GYS, JQWG15, LTF+12, LLL+15, DM17,
Co-Generation [MPR\textsuperscript{+}05, NB15].
Co-operation [NB15].
Co-Scheduling [GRAG00].
Coarse [NIO\textsuperscript{+}03, PSM97, AD89].
Coarse-Grain [PSM97].
Code [ABTZ00, BTB\textsuperscript{+}13, CPG01, GBLG10, G9K4, JS10, KaM10, KAMAMA17, LF15, LC11, MGW99, MCA98, MP04, NRB94, OO07, PB04, TFEK16, TF94, WNMW16].
Codes [CAZ02, ELGE17, HNKT98, KF99, MMG04, MO91, MCA98, MAB\textsuperscript{+}11, PB04, RMG\textsuperscript{+}13, RBES00, SSP\textsuperscript{+}00, SBC17, SG00, TMHT96, TJJY99, YZ13].
Compiler [BML\textsuperscript{+}13, BKT08, CGN\textsuperscript{+}09, CTK\textsuperscript{+}11, CP04, CFB94, CEH13, EM13, FKM\textsuperscript{+}11, GBC\textsuperscript{+}08, HTK98, JCD\textsuperscript{+}14, Ken94, KTT\textsuperscript{+}99, LEL\textsuperscript{+}99, MMMG04, MO91, MCA98, MAB\textsuperscript{+}11, PB04, RMG\textsuperscript{+}13, RBES00, SSP\textsuperscript{+}00, SBC17, SG00, TMHT96, TJJY99, YZ13].
SM09, SZ17, TRL09, TAY^+12, VCP^+16, WSO^+07, WGW04, Zha10, NK88, DB08.
Concatenation [Zey05]. Concept [KaM10].
Concurrency
[BAF94, Gen16, SB90, VSH^+11, WLWZ15, AD86, CP88, DM87, Pro86]. concurrency/synchronization [AD86]. Concurrent
[Ano16c, AR16, GMP89, PB01, SBC17, TSS86]. conjunction [Zey05].
Concatenation [BaK10].
Concurrency
[BADF94, Gen16, SB90, VSH^+11, WLWZ15, AD86, CP88, DM87, Pro86]. concurrency/synchronization [AD86]. Concurrent
[Ano16c, AR16, GMP89, PB01, SBC17, TSS86]. conjunction [Zey05].
Concatenation [BaK10].
NAP02, NLRH07, OK99, PMHC03, RG15, RS90, Ric90, RSJ+14, SNJ04, SS99, SL14, SQH92, SR04, SH15, SASH12, TESK06, TFMP97, WB87, XH98, YA195, vdSGBW08, CG94, Gao86, Kas86, Win89.

Data-Centric [FPCD14, KP01].

Data-Driven [DTLW16, TESK06].

Data-Flow [Ano16d].

Data-Intensive [LWLG11].

Data-Parallel [AJF16, SQH92].

Data-Sharing [SNB04].

Database [SB90, STM15, VK88].

Databases [WZB+92].

Dataflow [BS15, CZTM03, Fea91, LS98, NRB94, NG92, OGP+16, WGF+16].

Dataflow-Inspired [OGP+16].

Datasets [MV17].

Debugging [BBGM95].

Decomposed [WEJS94].

Decomposition [BUMS02, ZQP15].

Decomposition-Based [ZQP15].

Decoupled [ZLJA12].

Defective [GVB+06].

Defined [KWA+10, DM87].

Degree [AK17].

Delay [BMA02, NST89].

demand [JK86].

demand-driven [JK86].

Demonstrating [ACC+02].

Denotational [Hud86].

Dense [KFC08, MVB+06].

Dependence [ABTZ00, KV95, MHL95, Mon97, SW95, YA195, WB87].

Dependences [CDRV98].

Dependent [DFA+09, VMS15].

Depth [PTdSF+12, KR87, KS87].

Derivation [MLdIP02, SO89].

Derived [NFC+09].

Deriving [Wai87].

Description [ARB+05, MPR+05].

Descriptions [GmWH98, KP05].

Design [ACD+14, AML+10, AR16, BC10, BS91, CHB06, CDC09, CTC03, FVvL+16, HLL+09, KHH08, KWA+10, KS97, MB99, OGP+16, PG07, PK10, RK13, SSS+00, SY08, TLG05, TKN+08, WLL+08].

Designing [SCB+14].

Desktop [GS13].

Detect [DS16].

Detecting [SW95].

Detection [CLJH16, CRM17, DV97, HPY01, Jan15, KSJ14, MTT15, WLWZ15, Tho87].

Determinism [SUCV17].

Deterministic [PTD+06, ZC17].

Developing [CEH13, EYHT07].

Development [Dam07, TCUV14, dMP+03].

Devices [AGPGF14, Dam07, QJ+16].

DFA [KJH14].

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Diagonalization [HOZ06].

Difference [GC10].

different [JCH+08].

differentiated [AKT+14].

Diffusion [HF14a, HF14b, SDJS98].

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Digital-Microfluidic [ZC09].

Dimensional [SCRI85, EHC14].

Desktop [GS13].

Detect [DS16].

Detecting [SW95].

Designing [SCB+14].

Desktop [GS13].

Detected [DS16].

Detecting [SW95].

Distributed [BS03, BR14b, CY14, CCL12, CHCL14, CSTGL03, DS97, DZW10, EI14, FSS06, FPCD14, GH1M14, GL95, HOZ06, Lin91a, MP91, MMG04, MBE03, MVD+14, NIK00, OATGEL15b, OG11, PLN+04, SNB04, SW16, SB91, TTF+08, wWJzK17, AH86, GS90, GT86, PW87, RB86, RS90, TKM89, Tho87, Sek09].

Distributed-Memory [BS03, wWJzK17].

Distribution [WW10].

Distribution [ALG+95, HSCI+16, NAP02, SSP+96].

Distributions [AKH13].

Divisible [RSJ+14].

DMR [ZC17].

Do [Kuc94].

Domain [GF14, TFEK16, WL16, RK13].

Domain-Based [GF14].

Dominance [SPr92].

Dominating [DWS16].

Double [KJP10, LLM+12].

Double-Precision [KJP10].

Downsampling [LTSD15].

DRAM [ZLJ+17].

Driven [CPMC96, DTLW16, GRC+14, RNJ+12, TOM+11, TESK06, XH98, JLS6, Kas86].

Drives [YJY16].

dRuby [Sek09].

DSM [BAP01, MMG04, WLL+08].

DSMs [BAP01, MMG04, WLL+08].

Dynamic
[ABvK+13, CPG01, CS97, CML04, EWHS11, Hue97, JK12, JCD+14, KRW+05, LSA+07, LTF+12, LSYG15, LGY16, LMPS05, Lys08, MRLR16, MTT15, NBA13, NLRH07, OVA04, PD89, PO07, RD08, RRRH03, SSSN16, SR04, SJT13, TCUV14].

Dynamically [CHPC96, GMB+11].

Eager [SAL16]. Early [PYC16, TA99].

EARTH [HTZ+97, HMT+96].

EARTH-MANNA [HMT+96].

Economics [YBDJ17].

Editor [EA09, MA10, SS10, BCL90, Ano00a, Ano14, Ano16a, Ano16b, Ano16c, Ayg03, Ban94, Ban04a, Ban04b, Car09, Fur95, Gau96, Giv07, Giv08, Int98, JS06a, JS06b, Joe99, Joe03, McK07, Mis09, Ora03, Pan08, Seh98, Veo01, Veo02].

Editors [SMM11, HF06, CHS99, CmHS99, EmH97, FmH96, GSA08, GS05, HN94].

Effect [NPD89, BCK98]. Effective [CPMC96, HGT+12].

Effectiveness [MHL95, PYC16, SBN03]. Effects [HRH08, TF96].

Efficiency [STF+12, SWZ+15]. Efficient
[ABvK+13, BR97, BEP13, BCL14, BFG+10, CPT14, CL96, EAT14, FPY08a, Fea92b, FvL+16, GGI4, GS06, GRR98, GmWHR98, IP90, IBA11, GM15, KM05, LNP91, LS05, LNLG11, NRR99, NdMMW16, QSW00, Roy10, SRS06, SSSN16, SL14, SSP+96, SO89, SKAT91, SHC15, SHZ+14, SJT13, TTF+08, WZTH13, XZ+15, YJJY16, Fea92a, Hua89].

Efficiently [EGJS15, HR11, JMSG02].

Elastic [GG13, YBDJ17]. Element [RG15].


Embedded [AF15, CHB06, CFF+10, DLRS13, Giv07, Giv08, LMPS05, MCE13, MGJS15, MAH+11, Pan08, PP10, PO07, PPEP08, TLG05, TFEK16, US05].

Embedding [Li03, CS09]. Emerging [HP13]. Empirical [CCG+14, LDHL05, SSMO96]. Employing [CS97].

Emulator [WCC16]. Enable [HP13, ID08, TAY+12]. Enabled [FKM+11, GSY+13, RA09]. Encore [GTK+88]. Encryption [KBD03, NdMMW16].

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Energy-Constrained [VCP+16].

Energy-Efficient
[EAT14, FvL+16, SJT13]. Engine [BC15, Gsc07]. Engineering
[CPT14, KaM10], Engines [MCFM12].

Enhanced [ABASS12, GRAG00].

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[BCL90, CO88].

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Functional [ACC +01, AJF16, BARSW95, BFS05, GMP89, GS06, Hud86, Mat17, PC13, Gol88, Wai87]. Functions [ACC +01, CFT +06]. Fusion [EM14, Ken01, LZ17]. Fuzzy [GE90].


Generating [AK17]. Generation [BTB +13, CL96, Dar05, JME +05, QRW00, SR90, SS +17, TFEK16, qWlJzKhC17]. Generator [CPL +10].

Generic [GJK +05, SM16]. Genetic [AMAH01, BM09, MB12b, SO89]. Genome [OOR13]. geometric [SS89]. Ghost [MS11].


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GPU-accelerated [SBC17]. GPU-Based [DK16, BC10, OATGEL15a].

GPU-Friendly [OOR13]. GPUs [HLP11, JLD16, KPS14, MAWD +16, MS11]. Grabbing [Sun11], gradient [SDJS98].

GrADS [BCC +05]. Grain [BG96, DV97, NR894, NIO +03, PSM97]. Grained [CTK +11, GL92, AD89]. Grammar [MO91]. Grammars [PW92].

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Guaranteed [GYL92]. Guards [GVL92]. Guest [AG15, CTP13, DPT17, EA09, FKT12, Gre16, HK14, HF06, MCE13, MGJS15, MG +14, MA10, OG11, PP10, SMM11, SGK12, SS10, Ana00a, Ay03, AM07b, Ban04a, Ban04b, Car09, EmH97, FmH96, Fur95, GSA08, Guan96, GS05, Giv07, Giv08, HN94, JS06a, JS06b, Joe99, Joe03, McK07, Mis09, Ora03, Pan08, Sch98, Vie01, Vie02].

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Heuristics [KPS14, CSG89]. HICOR.
Hierarchical
[Bro15, GP94, MV17, NN95, PG16, SSMO96].
Hierarchically
[PPEP08].
Hierarchies
[GVB+06].
Hierarchy
[MCWK01].
High
[Ano16a, BE14, BCS+09, BCL17, BS07, Bro15, Car09, DPT17, DFH17, DB08, GBGL10, GJK+05, Gre16, GE90, HK14, Jan15, KP05, KJPN10, LPB13, LQWP10, LWP04, MB12a, NFC+09, NdMM09, SH96, SAL16, SCB+14, TFEK16, WCC16, WGW04, YZ13, YBRM14].
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[Ano16a, Bro15, DPT17, Gre16, Jan15, KP05, LQWP10, SH96, HK14].
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[GJK+05, LPB13, MB12a, NdMM09, WCC16, WGW04, YBRM14].
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[BCS+09].
High-Scalability
[BS07].
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[NPD89].
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[NPD89].
Highly
[TAY+12, XZX+15].
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[TAY+12].
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[CEP97, LJ08, LLSS03, uRHH14].
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[AKT+14, MG15].
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[BR14a, FR95, OP12, PYC16, WQJY17].
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[BE14, KLG08].
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Imperfectly-Nested
[AMP01].
Implementation
[AM95, AML+10, CGJK95, ES11, GH89, HAA+11, JSS+15, JLMW15, KS97, LS91, LWP04, MXP14, NdMMW16, NSS12, OGP+16, PB01, PC13, RSV+05, SM16, Sek09, SKG09, SY08, WLL+08, WP07, WS15, YZ13, ACD+14, GTK+88, TSS86, RK87].
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[AJF16, BS07, BEG+10, DE00, HPVRP15, NdMCdMMW16, TSS99].
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[MLdlP02].
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[BAP01, Mi88, SPS14, SFAG14].
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[NP01].
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[AHKR01, LEA15].
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[Ano86d, Ano92].
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[JJL15].
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[AK96].
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[KP04].
Increasing
[HCEP98].
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[BR14a, FJO+16].
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[DKB+09].
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[CCG+14].
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[AHKR01, API03, BMA02, BR97, CSC+00, CSTM03, HCEP98, JLD16, LZ17, MP95, MSJ01, NN95, OVA04, RD08, SN03, Tont05,

Multi-GPU [CTB14, SFAG14].
Multi-layer [OATGEL15b].
Multi-Level [MHCF98, SSP +00, XoAFV +09].
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multi-sequential [AI86].
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