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* [CS16]. + [HVF18, SBC17]. 0 [LS92]. 1 [LS92]. 2 [CTB14, ES11, IBA11]. 3 [BC15, HPVRPF15, HF14a, HF14b, JGM15, LLGC17, LHP+17, SJKA99, SSxWC18, SBC17]. < [JS06a]. > [JS06a]. (R) [BKT08, SM09]. T^M [BKT08]. i [TRD21]. K [LKS+20, VVCA23]. kd [WR18]. t_1 [GLLH17]. m [DPL86].


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[AT91, Ken01, Sun11]. Grid
[BFRPVR+15, MMD21, SASH12, W16, AFM+06, BBC07, BCC+05, SR04]. Grid-Based
[WL16]. GridFOR
[WL16]. Grids
[HP13, LLL15, JS06b]. Gröbner
[Sch92]. Group
[KSA+18]. Groups
[BBC07]. GrPPI
[BJM20a]. Guaranteed
[MEP07]. Guarded
[GYL92]. Guards
[GYL92]. Guest
[AG15, Bro19, CTP13, CAT18, DPT17, EA09, FKT12, GGE19, GKE18, G16, HK14, HF06, HSX19, JACK20, LFL+17, LTF17, MCE13, MGJS15, MG+14, MA10, OG11, PP10, PVL17, RJQ22, SMM11, SGK12, SS10, TG21, TFPF18, ZZZ+19, Ano00a, Ayg03, AM07b, Ban04a, Ban04b, Car09, EmH97, FmH96, Fur95, GSA08, Gau96, GS05, Giv07, Giv08, HD94, JS06a, JS06b, Joe99, Joe03, Kes20, MK07, Mis09, NL23, Ora03, Pan08, Seh98, Ve01, Ve02]. Guided
[MTT15]. GVirtus
[MGL+17].

H
[Roy10]. H-NMRU
[Roy10]. Hadoop
[LSM+18, Mat17, NRG17, RSA+18]. Halo
[PWS19]. Handle
[ELGE16]. Handling
[DFC+07, FMSG17, HH20, IR19, RBES00]. Hard
[FJO+16]. Hardware
[AVM+16, CHSC18, CPMC96, GP17, GV99, HZZ+19, HSM+24, HLS21, KTP1, KTB18, Lys08, MSA+07, NdMM09, NDMM16, OBB+24, OXL+17, OPLS17, PMM+18, RMH21, SWZ+15, SD11, SH15, STM15, TRD21, WS14, YDV19, ZAVA04, vNR11]. Hardware-Agnostic
[AVM+16]. Hardware-Aware
[HSM+24]. Hardware-Based
[CPMC96, KT01]. Hardware-Efficiency
[KTBP18].
Hardware-Friendly [HZZ+19].
Hardware-In-The-Loop [OBB+24].
Hardware-Managed [RMH21].
Hardware-Supported [SD11].
Hardware/Software [GV99, Lys08, OPLS17, SWZ+15, STM15].
HARE [JLDF19].
Harsh [GWPV21].
Harsh-Based [LLM16].
Heap [GH96, LLM16, AH86].
Heap-Based [LLM16].
Heat [LYG+18].
Height [ABASS12].
Helper [ZGH+15].
Helping [Sun11].
Henderson [Swa88].
Heterogeneous [AER+17, ANS20, Ano21a, AMKE18, ABB+10, BEA+19, Bro15, Bro19, BJM20b, ELK18, EAK21, EVK22, EGK23, GAG22, GGV18, GMB+11, GHR20, HMK22, HK23, HUB+10, HHC+15, KTRZ+17, LLGC17, LSYG15, LS05, MMN15, Mar17, MFGEL19, NCR+19, OATGEL15b, OP12, OPLS17, PGLC+18, PHS19, PVF21, SSM21, SEP08, WLL17, XWH21].
Hierarchical [KPS14, CSG89].
HEVC [WdSAM+17].
HICOR [BK94].
Hierarchical [Bro15, GP94, MV17, NN95, PG16, SSM096, WSS18].
Hierarchically [PPEP08].
Hierarchies [GVB+06].
Hierarchy [MCW01].
High [APR+18, Ano16a, Ano19, ASG20, BE14, BCS+09, BCL17, BS07, Bro15, Bro19, Car09, DPT17, DFH17, DB08, DST21, EAK21, GWYQ18, GGE19, GBLG10, Gla19, GKH18, GJK+05, Gre16, GHDF19, GE90, HG18, HK14, Jan15, KP05, KTRZ+17, KJPN10, LBH13, LWP04, MB12a, dMHHdLN21, MSPR18, NFC+09, NSU22, NdMM09, NL23, OXL+17, PGLC+18, SH96, SAL16, SCB+14, SS23, TFEK16, TTF22, TGT18, WCC16, WMN+17, WGV04, WK20, YZ13, YBRM14, ZLA21, Ano21a, Kes20].
High-Level [Ano16a, Ano19, Bro15, Bro19, DPT17, EAK21, GGE19, GKH18, Gre16, GHDF19, HG18, Jan15, KP05, LWP10, dMHHdLN21, SH96, SS23, WMN+17, HK14, TTF22, Kes20, Ano21a].
High-Performance [APR+18, Ano19, GWYQ18, Gla19, GJK+05, LPB13, MB12a, NdMM09, PGLC+18, WCC16, WGV04, WK20, YBRM14, ZLA21, DST21, OXL+17].
High-Productivity [BCS+09].
High-Scalability [SB07].
Higher [NPD89].
Higher-order [NPD89].
Highly [TAY+12, ZZX+15].
Highly-Scalable [TAY+12].
Historical [TRD21].
History [BEA+19, CEP97, JLDF19, LJ08, LS05, MMN15, Mar17, SH96, SS23, WMN+17, HK14, TTF22, Kes20, Ano21a].
If-Conversion [AmWHM99].
iGridEdgeDrone [MMD21]. II
[Fea92b, KR87]. ILP [SKA96]. Image
[AM95, KBD03, RSK09, TRD21, YWY+18]. Imagery [CS20]. Images
[DPS90, KSA+18, LFHAM19, SSB21]. Immune [MB12b]. Immune-based
[MB12b]. Impact [BE14, KLG08]. Imperative [GM20, Jak19]. Imperfectly
[AMP01]. Imperfectly-Nested [AMP01]. Implementation [AM95, AML+10,
CGJK95, CDDM18, DMMP18, ES11, GP17, GH99, HAA+11, JSS+15, JLMW15,
KS97, LS91, LWP04, MXP14, NaMMMW16, NSS12, OGP+16, OXL+17, PB01,
PC13, RG18, RSV+05, SM16, Sek09, SKG09, SY08, WLL+08, WPC07, WS15,
ZT20, ACD+14, GTK+88, TSS86, RK87]. Implementations [AJF16, BS07,
BE00, HPVRPF15, MWES19, Moh19, NaMCdMMW16, TSS99]. Implemented
[MLdP02]. Implementing [BAP01, Mls88, SPS14, SFAG14]. Implications [NP01]. Implicitly
[AHKR01, LEA15]. Important [Ano86d, Ano92]. Improve [CHPC96].
Improved [EKU22, KSF+18, LYL14]. Improved/Optimized [EKU22].
Improving [CHR96, CEP97, GSY+13, JLI+18, JHLM10, LWL+19, MCKW01,
PJS+05, PMV17, RTD20, RSJ+14, SB03, SA10, XH98]. In-Depth [ZJL22, SJW22].
In-Loop [WdSAM+17]. In-Memory [WTZ+19, WTQ21]. Inaccuracy [JJL15].
Incoherent [TGT18]. Incorporating [AK96]. Increased [KP04]. Increasing
[HCEP98]. Incremental [CP04, XZ+15]. Independent [EW96, FSS06, Ken94,
SH96]. Index [GFL00]. Indexes [YJV16]. Induced [LG10]. Industrial [BR14a,
FJO+16]. Inference [PVF21, SHS21]. Inferential [RKG04]. InfiniBand
[LWP04, QA11]. Infinite [FLMR02, KPRS96]. Information [AFM+06, BE14,
NRR99]. Infrared [YWY+18]. Infrastructure [BML+13, CEH13, EM13,
SLZB13, UWF+20]. Infrequent [ASG20]. Inheritance [Tho87]. Initial
[AW98, HmWHR97, TKM89]. Initializing [Hem89]. Inlining
[GYP22, LkCH94]. Input [SLZB13]. Input-Sensitivity [SLZB13]. Inspired
[KPS14, Mis09, OGP+16, CSCL20]. Instability [DKB+09]. Instability-Estimation
[DKB+09]. Installation [CCG+14]. Instruction
[AHKR01, API03, BMA02, BR97, CSC+00, CZTM03, HCEP98, JLD16, LZ17,
MP95, MSJ01, NN95, OVA04, RD08, SB03, Tou05, TF94, VHK+18, CMW+94,
NP98]. Instruction-level [NN95]. Instruction-Set
[API03]. Instrumentation
[AVM+16, LSA+07]. Integrated
[CPL+10, FRT+18, GV99, KKZN12, MFU21]. Integrating
[DTLW16]. Integration
[GMP89, LLM+12, PSM97, dMP+03]. Integrity [KHT21]. Intel
[BKT08, BP17, Cza17, RSJ+19]. Intelligence [GKC22, dMKdLN22].
Intelligent [MMD21]. Intel(R) [BGGT02]. Intensive
[DDD+19, LWLG11, RSJ+14, LSM+18]. Inter
[GAR+16, KTT+99]. Inter-Node
[GAR+16]. Inter-Processor
[KTT+99]. Interaction
[AHKR01, FJA+18, GGV18]. Interactions
[MHCF98]. Interactive
[SJKA99]. Interchangeably [DJR16]. Interconnect
[GBP07]. Interconnection
[MANN90]. Interconnects [RA09]. Interesting
[VRGC19]. Interface
[DGMP09, GZJ18, HJK+18, HTDL18, KBG+08]. Interfaces [KKZN12].
Interference
[CEP97]. Intermediate
[CFB94, GP94, GBC+08]. Internal
[FHW+94]. Internat [Swa88]. International
[Ano21b, DB08, MCE13, PVG17, RJO22, SS10]. Internet
[HZS20, JAC20, KIT+20, KAI20, MMD21, PYC16, PCJ18, SAI+20].
Interpolation [DMC+18, DMC+20].  
Interpret [KGK20].  
Interprocedural [CAZ02, C196, GH06, HPY01, LkCH94].  
Interprocess [CMW90, MO91, MO90].  
Interprocessor [CH95].  
Interruptible [TB23].  
Interval [RWMF24, US05].  
Intra [BGGT02].  
Intra-Register [BGGT02].  
IntraModule [MO91].  
Introducing [SFAG14].  
Introduction [Ano00a, Ano00b, Ano01, Ayg03, AM07a, AM07b, Ban94, Ban04a, Ban04b, Car09, CHS99, CmHS99, DB08, EmH97, EA09, Evr00, FmH96, Fur95, Giv07, Giv08, HnWHR97, HF06, JS06a, JS06b, Joe99, Joe03, LY98a, LY98b, McK07, MPZ06, Mis09, MA10, Ora03, Pan08, Pin95, Pin99, SMM11, Sch98, Ve01, Ve02].  
Introspection [WHC+17].  
Introspection-Based [WHC+17].  
Intrusion [NSU22, NRGB17, YWW+19].  
intrusive [ZXY+15].  
Invalidate [BAP01].  
Invasive [SR15].  
Inversion [WHC+17].  
Involved [YWW+19].  
ISA [MP95, WCC16].  
Isomorphic [Ano87d].  
Issue [Ano16b, Ano15b, Ano18a, Ano19, Ano21a, AM07b, Bro19, Car99, DB08, GSA08, Gha19, Giv07, Giv08, HSXH19, JACK20, MCE13, MGJS15, MB12a, Mis09, ORJ24, Pan08, PP10, PVG17, RJO22, SS10, SZ17, TFFP18, WNMW16, ZZZ+19, JS06b, TG21, Ano21b, BmH98].  
Issues [Bel94, NS97a].  
Itemset [ASG20].  
Iteration [HF14a, HF14b].  
Iterative [MS11, PDN21, Rau96, ZHF+19].  
Iterator [GS11].  
J [Swa88].  
Jacobi [HOZ06].  
Jacobians [BUMS02].  
Java [AHKR01, FSS06, JQJ+16, JMSG02, KF99, SS23, WG04, WP00].  
Job [LLL+15, NSS12, WW17].  
Join [R92, RBR22].  
Joint [HOZ06].  
journal [Ano86b].  
JPEG [SEP08].  
Just [SA19].  
kD [STF+12].  
kD-tree [STF+12].  
Kernel [LYG+18, NLBB23, VCA23, ZYOY13].  
Kernelized [WCC16].  
Kernels [KDV22, SSB+17, WSO+19].  
Key [LKS+20, PZL+19].  
Keyword [SNS21].  
knapsack [LS92].  
KNMF [LKS+20].  
Kutta [BP17].  
L [MSA+07].  
Lab [ZC09].  
Lab-on-Chip [ZC09].  
Labeling [SH87, Swa88].  
LACross [ZJG17].  
Lagrangian [RSV+05].  
LALP [MCFM12].  
LALR [BNWL90].  
Landing [MSJ20].  
Landslide [WSC20].  
Language [ARB+05, BARSW95, BCL17, CFB94, FCZ16, Fos89, GS06, Hud86, KS97, MCFM12, MP+05, SM09, TFK16, WL16, WK20].  
Languages [Ano19, CK02, FMSG17, Lan90, PS92, NP99].  
Laplace [CT14].  
Large [Cza17, GL18, HC17, HR11, HKJ+18, KKZN12, LTSD15, LSA+07, LWGZ18, SGJ+03, SWF+17, WW17, XZT20, ZWJ05].  
Large-Scale [HC17, KKZN12, LWGZ18, SWF+17, WW17].  
Latency [AK96, Bos12, HZ16, JG97, LSHK09, MEP07].  
Lattice [XG11, SN90, SKG09].  
Launcher [NLBB23].  
launched [Ano87a, PM07].  
layer [OATGEL15b].  
Layered [TIC90].  
Layout [SASH12].  
Lazy [CRM17].  
LCS [GP+17].  
LDPC [SF20].  
LEACH [KAI20].  
Leaks [JGP+18].  
Learning [CR19, C21, CDDM18, D516, FFS18, FKM+11, HBC23, MAWD+16, O21, PVF21, ZJG17, ZD19, ZJL22].  
Learning-Based [ZJG17].  
Leases [CM06].  
least [Ano86a].  
Left [MP04].  
Legacy [JBB21].  
Legal [KP95].  
Length [EM14, VHK+18].  
Lessons [Hal86].  
Level
[AG06, Ano16a, Ano19, BCL17, Bro15, Bro19, DPT17, EAK21, GGE19, GBLG10, GKI8, Gre16, GHI8, HTDL18, Jan15, JF21, KP05, LLW+17, LQWP10, dMMHdLN12, MHC98, MKAP05, NL23, SSP+00, SSEA14, SH96, SS23, SÜCV17, SM94, SASH12, Tou05, WMN+17, XOdFV+09, YWW+19, ZLJ+17, BC10, HK14, NN95, TTF22, WS08, Kes20, Ano21a, AG06, Ano16a, Ano19, BCL17, Bro15, DCX, GGI19, GHDF19, HG18, HTDL18, Jan15, JF21, KP05, LLW+17, LQWP10, dMMHdLN12, MHC98, MKAP05, NL23, SSP+00, SSEA14, SH96, SS23, SÜCV17, SM94, SASH12, Tou05, WMN+17, XOdFV+09, YWW+19, ZLJ+17, BC10, HK14, NN95, TTF22, WS08, Kes20, Ano21a].

**Levels** [Gsc07]. **Leveraging** [LT15]. **Library** [CS16]. **Libraries** [GJK+05]. **Library** [BDR11a, LCF21, LAD15, LHP+22, MFGEL19, SÜCV17, YKDL17, YBRM14].

**Life** [YYYX20, Ano87c]. **Lifetime** [SZH18]. **Light** [CM06]. **Light-Weight** [CM06]. **Lightweight** [GKC22, PZL+19].

**Like** [NLBB23]. **Limit** [KEKK16, LS98]. **Limited** [JMSG02, uHKAMFM16a, uHKAMFM16b, GT86]. **Limits** [SS99].

**Line** [SR90, TFMP97, ZC90]. **Linear** [CCG+14, CBR17, CJSS1, DWS16, FLMR02, HKJ+18, JLMW15, KS90, KFC08, KTRZ+17, LDHL05, MP04, SMM94, Gao86].

**Link** [STB+18]. **Linked** [HGT+12, HTnG+12, vdSGBW08]. **Links** [NIK00]. **List** [AF15, DS97, EM14, LBT17, SL14, vdSGBW08]. **List-based** [SL14].

**Literature** [IR19, dMMKdLN22]. **Live** [DST21, WHC+17, ZXY+15]. **LLVM**

**Load** [RB9+13]. **Load** [ASW+15, BQ96, EWH811, JK03, MMD21, RLH14, RSJ+14, YHG16].

**Load-Balance-Aware** [YHWG16].

**Load-Store** [BG96]. **Loads** [AZK+18].

**Loads/Stores** [AZK+18]. **Local** [LLSS03, LYG+18].

**Locality** [AMP01, AAB+16, BE14, CAK17, JG97, KP01, LVJ22, LS98, LM00, PMHC03, Won02, XH98].

**Locality-Aware** [AAB+16].

**Localization** [GWYQ18, OB13]. **Locally** [DCX+17, SNB04, TV15].

**Location** [YFC21]. **Location-based** [YFC21]. **Lock** [AR16, ZLD15]. **Lock-Free** [AR16].

**Locking** [YLB19]. **Log** [Mar09]. **Logic** [AR16, AVPG00, KBD03, Lin91a, SAB11, BH87, Con88, Kas86, SRV88, Tin88].

**Logic-Based** [KBD03]. **Logical** [GZJ18, LWF+19]. **Look** [MP04, NLBB23].

**Loop** [AMP01, CL96, DH00, GVB+06, GMB95, GL95, HC17, IKN00, KDV22, LSL94, LCL17, NG92, OBB+24, RAP95, WdSM+17, WMC98, YAI95, LP94]. **Loops** [Col95, GL95, MS11, MJ02, OGP+16, QRW00, Sar01, TFNG09, WLI17, Wol86, YKM03, LAV98]. **Loosely** [LLM16]. **Loss** [AAN+20, HZL16].

**Lossless** [HNC+16]. **Lossy** [SAI+20]. **Low** [Bos12, FV+L+16, HZL16, NBN+15, PO07, RSP20, Roy10, SAI+20, SWF+17, YZZ+19].

**Low-Latency** [Bos12]. **Low-Power** [NBN+15, PO07]. **Low-Radix** [SWF+17].

**LSA** [UFW+20]. **LSH** [RB22]. **LSM** [PY17]. **LSM-Tree** [PY17]. **LTE** [LF15].

M [FKD+97, KHT21]. **M-Machine** [FKD+97]. **Machine** [CHPC96, CZ12, CDDM18, DS16, F KD+97, FKM+11, GmWHR98, HHIW10, HBC23, JQWG15, LVM16, MPR+05, O2A1, SHZ+14, XLMX19, ZD19, Ai186, G990, Ken94, PW92].

**machine-independent** [Ken94]. **Machines** [ABASS12, BJM20b, Den94, EGJS15, HRH08, Joh94, PHS19, SL14, SMH21, WdSAM].

**Macro** [GG14]. **MAI** [GN20].

**Main** [SZH18]. **Mainstream** [DMK21].

**Maintained** [SNB04, maintaining [DPL86]. **Malicious** [CLJH16]. **Managed** [RMH21].

**Management** [ANS20, AGPGF14, CF+20, GJR09, HRH08, JH94, PHS19, SL14, SMH21, VFIN12, YYYX20, ZLJ+17, JK86].

**Manager** [BEA+19]. **Managers** [Demili].

**Managing** [ANS+12, RNJ+12, TFMP97].

**Manipulator** [BMSO2]. **MANNA** [HMT+96]. **Manual** [NAP02].

**Many** [CTK+11, CFC+19, HG18, uHKAMFM16, uHKAMFM16b, LHP+17, LZ17, MFU21, NdMcMMW16, OBB+24, PMM+18].
PHS19, QZP15, SASH12, SA10, XWH21, vNR11. Many-Core
[CFC+19, uHKAMFM16b, LHP+17, LZ17, MFU21, OBB+24, PMM+18, SASH12, SA10, vNR11, NدىMcdMMW16, XWH21].
Many-Cores [CTK+11, HG18].
Many-Field [QZP15].
Many-Task [PHS19].
Manycore [HMF+13, RSJ+19, SMH21].
Map [FBV21, LFD17].
Map-Reduce [FBV21].
Mapping [CKC22, HtBK+10, MEP07, RGB+08, SDJS98, LRG+91, NK88, PW87].
MapReduce [IR19, LSYG15, LHL+16, LXL17, MM16, Mat17, RBR22, SHC15, SWL05, SM096, SH15, SY08, SASH12, TTMD23, TMHT96, TA99, VSH+11, WS14, WQJY17, WHC+17, qWJzKhCh17, WTZ+19, WTQ21, YZZ20, YBRM14, ZK07, ZLD15, ZLJ+17, ZSH+12, Con88, EO88, FcF87, GHLN86, GS90, GT86, Hem89].
Memory-Divergent [LVJ22].
Memory-Level [SASH12].
Memory-Optimized [LS20].
Merge [JK03, JLV21].
Mesh [DMC91, HAA+11, LS0913, SKAT91].
Mesh-Connected [DMC91].
MeshCleaner [MCT+18].
Meshes [MCT+18, qWJzKhCh17].
Message [BB90, CB01, EWS11, GS05, GCF+03, GZ87, Hua89].
Message-Passing [CB01, GCD+03, GZ87].
Method [BP17, DMMP18, Ger10, GRAG00, GHC+17, IS03, LNP91, LEA15, NdMM09, PCJ20, RAP95, SM09, ZYOY13, Wol86].
Meta [KPS14].
Meta-Heuristics [KPS14].
Metacomputing [ES06].
Metadata [AGPGF14].
Metagenomics [LSM+18].
Method [BP17, DMMP18, Ger10, GRAG00, GCH+17, IS03, LNP91, LEA15, NdMM09, PCJ20, RAP95, SM09, ZYOY13, Wol86].
Methodology [KDV22, MOL05, Rs1+14, UWF+20].
Methods [BCC+05, CCL12, CAK17, CS21, MT96, MWH24, RLE19].
Metropolis [CHB06].
Metrowerks [PB04].
MIC [FFS18].
Micro [JS06b].
Micro-grids [JS06b].
Microarchitecture [SJ03, DKB+09].
Microarchitecture [P.JS+05].
Microbenchmarks [IP+05].
Microcode [BABW14].
Microfluidic [ZC09].
Microgrids [SS10].
Microphone [RLK20].
Microprocessor [BE05].
microprogramming [CB86].
Microthread [BHJ06].
Migration
[CML04, DST21, DLX+17, JG97, NLRH07, PTdSF+12, WHC+17, XLWX19]. MILC
[SKG09]. Milepost [FKM+11], MIMD
[GL92, SDJS98]. Mini [ZXY+15]. Mini-intrusive [ZXY+15]. Miniature
[NBN+15]. Minimal
[BTB+13, DWS16, YAI95, Zha89]. minimax
[NPT86]. Minimization
[GLLH17, Mon97, PB04]. Minimizing
[CH95, EDA96]. Mining
[ASG20, CPP+12, FJA+18, HP13, OB13, PCJ18, WSS18, YWW+19]. Mining-Based
[OB13]. Mirroring [SDL17]. Mispredicted
[JSPH97]. Mispredicted-Path [JSPH97]. Misprediction [NBD98]. Missing
[DMC+20, STB+18]. Mitigating [JDF20]. Mixed
[BEG+10, SDJS98]. Mixed-Mode
[BEG+10, SDJS98]. Mixing [MRLR16]. ML
[AGT17]. MLFQ [CLL21]. Mobile
[ES06, JM20, YFC21]. Mobility [MMD21]. Mode
[BEG+10, OP12, YYYX20, SDJS98]. Model
[AG06, AATT10, AK96, BEJD21, BAF94, BdS07, CND95, DMM91, DTLW16, DFA+09, FCZ16, FPCD14, FBGEL19, HBC23, HLP11, HKJ+18, JM20, JF21, LLM16, LHL+16, LCL19, Liv91, NAS23, OGP+16, OATGEL15b, RSV+05, RK13, fSxWC18, TAY+12, TESK06, WSC20, YS22, ZJL22, JK86]. Model-Based
[BEJD21, RK13]. Modeling
[AA15, Ano81a, AMP+05, BS07, HYBA18, KMcj02, LEA15, Mar17, MCE13, MGJS15, MOL05, PCP+13, PVG17, Pra86, PS23, RJO22, SDH22, SSM21, TLSG05, WTL+23]. Modelling
[BKK20, BKK23, VNU19]. Models
[BF505, CAT18, Den94, FLMR17b, HHC+15, ID08, KP05, Mat17, NAP02, RNJ+12, SMSH13, SS01, Sk89, SDL17, VMS15, VCP+13, AD86, DM87, FLMR17a]. Modern
[HYBA18, KPS14, LG10, LWQP10, ME15]. Modifications [Hue97]. Modular
[NdMM09]. Module [AAN+20]. Modules
[DJR16, SQH92]. Modulo
[AG98, EDA96, GRAG00, LJ08, Rau96]. Modulo-Scheduled [GRAG00]. Molecular
[ACC+02, BS07]. Molecule [KLK16]. Moment
[SSB21]. Monitor [LTL15]. Monitored
[LJE05]. Monitoring
[GAK20, NBN+15, ZXY+15]. Monoparametric [IAR21]. Monte
[BJM20b, PES+18]. Monte-Carlo
[BJM20b, PES+18]. more
[MORPHEUS [GMB+11]. Mosaic
[MPAG18]. Motion [MVD+14, TSS99]. Motivation
[HnWHR97]. Movement
[CFB94]. Moving [HAA+11, ZQT20]. MPI
[AJF16, BS07, BEG+10, ES11, FPY08b, GJ09, GSY+13, HMK09, LSM+18, LW04, MOL05, MAN09, NAS23, NSS12, RA09, SS01]. MPI/PVM [ES11]. MPJ [JQJ+16]. MPSoC
[ID80, OPLS17, RGB+08, SWZ+15]. MPSoCs [GHR20]. Much
[MT96]. Multi
[AOAM21, AH08, AKHD13, ABvK+13, AML+10, ABB+10, BEJD21, BM09, CSF+20, CZ12, CB19, CTB14, DS07, DS16, DTLW16, DJR16, FLD15, GM20, GD13, GMM06, GG17, GS06, HML+20, HsBK+10, JCH+08, JDF20, KBG+08, LYG+18, MXP14, MV17, MG15, MHC08, MFGEL19, NdMCdMMW16, OATGEL15b, PCJ20, QZP15, RPF18, RC16, RG18, RTD20, RD08, RK13, SSP+00, SESA14, SAI+20, fSxWC18, SSB+17, SFA14, STB+18, Sun11, VSDK09, WQJY17, WLL17, WSC20, WK02, XoDFV+09, YWW+19, Zht10, ZGH+15, Ali86, AGT17, QGT+19]. Multi-agent
[STB+18]. Multi-app [DJR16]. Multi-attitude [WSC20]. Multi-BSP
[GM20, AGT17]. Multi-Component
[fSxWC18]. Multi-Core
[ABvK+13, AML+10, ABB+10, GGV17, RPF18, SESA14, Zht10, BEJD21, CZ12, GD13, HML+20, MXP14, NdMCdMMW16, QZP15, RC16]. Multi-cores
[RTD20]. Multi-device [MFGEL19]. Multi-dimensional
[RG18, WLL17].
Multi-domain [RK13].
Multi-external-storage [CSF+20].
Multi-Fault [AKHD13]. Multi-GPU [CTB14, SFAG14, WK20]. Multi-GPUs [QGT+19]. Multi-layer [OATGEL15b].
Multi-Level [MHCF98, SSP+00, XoDFV+09, YWW+19].
Multi-ML [AGT17]. Multi-Orientation [LYG+18].
Multi-Prefetcher [PCJ20].
Multi-process [PCJ20]. Multi-process/Multi-thread [PCJ20].
Multi-Processor [HtBK+10, BM09, KGB+08, ZGH+15].
Multi-processors [AH08, DS97].
Multi-queue [CSF+20]. multi-sequential [Ali86].
Multi-sink [SAI+20].
Multi-socket [RC16].
Multi-Stack [CB19].
Multi-tenanted [WQJY17].
Multi-thread [PCJ20]. Multi-Threaded [MG15, VSDK09, DS16, GS06, RD08].
Multi-threading [DTLW16].
Multi-Zone [JCH+08].
Multicore [AER+17, Ano16d, CHCL14, HHW10, HMF+13, KJHBI4, LLM+12, LLM16, RSJ+19, SDH22, SS17, TKN+08, WLL17, ZC17].
MulticoreBSP [YBRM14].
Multicores [TFNG09]. Multidimensional [Fea92b, LLM+12].
Multigrid [MT96].
Multilevel [APR+18, ADC+17].
Multilisp [Hal86].
Multimedia [BG03, KL00, SG00, ZK07].
Multiplexer [CYSD16].
Multiplication [Bos12, uHKAMFM16a, uHKAMFM16b, KJPN10, LHLT19].
Multiplications [CFC+19, CFX+20].
Multiply [BBR11a]. Multiprocessing [HML+20, Bro86].
Multiprocessor [AK96, DeB87, Goli88, Gsc07, MB12b, Pan08, PPEP08, SEP08, SR04, BH87, GLHN86, GZ87, GTK+88, Hu89, PD90].
Multiprocessor-based [Pan08].
Multiprocessors [AO19, BBGM95, GRV+17, GV99, IPR+05, KSEG14, KT01, LS07, LSL94, MVB+06, NP01, OP12, SNB04, SMC94, SS01, TGT18, TESK06, ZLD15, Con88].
Multiscalar [LZ17]. Multisplitting [CCL12].
Multisplitting-Newton [CCL12].
Multitemporal [LFHAM19].
Multithreaded [FSS06, HTZ+97, HMT+96, KMJC02, LS07, MB99, OB13, WS08].
Multithreading [HTDL18, LEL+99, TESK06].
MUSE [AK92, AK90a, AK90b].
Muzzle [KSA+18].
MXNet [LWL+19].
My [MFU21].
Nano [Mis09].
Nano/Bio [Mis09].
Nano/Bio-Inspired [Mis09].
Nanotube [CDC09].
Nanotube-Based [CDC09].
NaraView [SJKA99].
Native [JQJ+16].
Nature [KPS14, MHCF98].
Nature-Inspired [KPS14].
Navigational [PLN+04].
Near [BB90, SdLC21].
Near-Data [SdLC21].
Near-Optimal [BB90].
Nearest [LTF+12, VWC23].
Nebelung [MFG+08].
Need [KT01, Kuc94].
Negative [DKB+09, WS15, LKS+20].
Neighbor [LTF+12, PK20, VWC23].
Nested [AMP01, EW96, MMS07, QRW00, Sar01, aMST07].
Nests [AMP01, GL95].
Net [LWDL17, GG14, GSS10].
Nets [KMjC02, LWF+19, QGT+19, RA94].
Netuno [SCB+14].
Network [AOAM21, Ano18b, CPT14, DM20, DFS21, FCZ16, FPCD14, GCD+03, HZZ+19, HLS15, HS16, HL21, JCKJ20, JDF20, KKZN12, LSHK09, LYL14, LSYG15, LXL17, Liv91, ML15, MANR09, MSTR18, NSU22, ...]
NRGB17, PG07, SA1+20, SZ17, SWF+17, SBN03, TG21, YMW+17, ZS+19, AD86.

Network-Aware [FPCD14].

Network-Failure-Tolerant [GCD+03].

Network-on-Chip [JDF20]. Networking [CSCL20]. Networks [AAN+20, AKA+20, AATD20, AK17, BS15, CLJH16, GWHY19, GKC22, HSM+24, IBA11, JLDF19, KAl10, LCL19, LS05, LWGZ18, MVB+06, MMD21, PMV17, RY20, RY22, SA1+20, WZG+17, YYYX20, YMW+17, YZZ+19, AD89].

Networks-on-Chip [JLDF19]. 

NetWorkSpace [BCS+09]. Neural [AMAH01, AOAM21, FCZ16, GKC22, HZZ+19, HSM+24, LYL14, LXL17, LJ08, LWGZ18, PMV17, WZG+17, YZZ+19].

Neuromimetic [RNJ+12]. Neuronal [CPP+12]. Neutron [Zey05, SDJS98].

New-Age [DKB+09]. News [FCZ16]. Newton [CCL12]. Next [Dar05].

Nighttime [FS18]. NMRU [Roy10]. no [Swa88]. NoC [LMHW18]. NoC-Side [LMHW18]. NoCs [MEP07, TOM+11].


Non [BG17, CSTGL03, EKU22, LKS+20, Spr92, Con88, LP94]. Non-Blocking [EKU22, BG17]. Non-negative [LKS+20].

Non-overlapping [Spr92]. non-shared [Con88]. non-singular [LP94]. Non-Strict [CSTGL03]. Noncoherent [BBGM95].
	noncyclic [JB98]. Nonnegative [DZW10].

Nonsingular [OK99]. Normal [TG05]. Normalization [QGT+19]. Note [Ano14, Ano16a, Ano16b, Ano16d, Ano16c, Ano18b, Ano18a, Ano19, Ano20, Ano21a, Ano21b, BKK23, Kes20, NL23, RY22].

Novel [AATD20, CSCL20, DMM91]. LKS+20, OXL+17, QFRA19, WWG+19].

NUMA [BFG+10]. Number [ALTT17, EVK22, HR11].

Numerical [EFED05, PES+18, YKLD17, Zey05]. NVM [GZJ18].


Objects [GK94]. Obtain [NRR99].

Obtaining [XZT20]. OCaml [SCS23].

occam [Cam89]. ODE [MLdp02]. Off [ZK07]. Off-Chip [ZK07]. Offloading [JM20].

OffScheduler [LSYG15]. OLPCA [DMMP18]. oM [CLL21]. oM-DRL [CLL21].

OMP [SGJ+03]. OMP2001 [TSB03].

On-Chip [GG13, KKZN12, MVB+06, OBB+24, AH08].

On-Line [ZC09]. On-Line [GWPV21].

On-the-Fly [JDF20, KJS14].

One [Fea92a, SKG09, WW17]. One-dimensional [Fea92a].

Online [CJH16, CYS16, HZL16, RC16, SMSH13].

onto [SDJS98]. Ontology [AFM+06].

Open [AML+10, SJW22, Cie91].

Open-Source [SJW22]. OpenCL [JSS+15, RG18, SSB+17]. OpenHMPP [AAB+16].

OpenMP [AM07b, ABB+10, Bds07, BGS09, BFG+10, BS07, BEG+10, CF19, DFC+07, DFD+09, FMSG17, FM09, GSA08, HMK09, HAA+11, JCH+08, KaM10, KJS14, MG15, MFG+08, MBE03, MMS07, NIO+03, OOS+08, OP10, OBB+24, SB21, WC07, YKLD17, aMST07].

OpenMP/MPI [BEG+10, HMK09].

OpenUH [CEH13]. Operating [CYS16, JGZ+20, NP01]. Operation [FLLD15, NB15]. Operational [Cam89].

operationally [DM87].

Operations [ABASS12, BG17, FPY08b, IBA11, ML15, SZH18]. Operator [LCS21].

Operators [DM17]. Opportunistic [YMW+17]. OPS5 [GTK+88]. Optical [DMC91].

Optimal [AG98, BB90, CS20, DV97, DSP90, DPL86, GAR+16, MA87, Mer86, NG92, SMM94,
Optimality [Gai89]. Optimization [GL18, PPEP08]. Optimised [Zha10]. Optimising [VNU19].
Parallel [AKBPV19, APR+18, AMAH01, AM04, AK17, ACD+16, ABvK+13, AA15, Ano16a, Ano18b, Ano21a, AVPG00, AJF16, BR14a, Bel94, BAF94, BSMR11, BS03, BNWL90, BR14b, BUMS02, BDD+18, BDH+14, Bro15, Braun, BJM20b, CGN+19, CPP+12, CY14, CSD21, CB86, Cra88, CSTG03, CDDM18, CAP88, Cza17, CPL+10, Dam07, DPT17, DDD+19, DMK21, DMMS91, DE00, DM17, DS16, Den94, DX14, DZW10, DGP09, DS17, ECSS88, EHK070, EK14, ELK18, EVK22, EGK23, ES11, FFS18, FCRC16, GGE19, GBLG10, Ger10, GS10, GS13, GP17, GF14, GK18, GYL92, Gre16, GB20, GTK+88, GKD22, HSCI+16, HK14, HMF+13, HP13, HPVRPF15, HLS15, HS16, Hua19, HA+11, IH04, Jan15, JW16, JLMW15, JK03, JLW17, Juh94, KS09, KK11, KS97, Kes20, KJH14, KFC08]. Parallel [KGK20, KBG*08, Kuc94, KR78, LMP98, LTF+12, LYL14, LHL+16, LT17, LLL+15, LY95, LSL94, LWL911, LHTL19, LBT17, Lw00, LCL17, LG+18, Lvu09, Lys08, MXP14, MMN15, MLdl02, Mar09, MAJ16, MFC12, MM16, MG15, MCAH8, dMMHDL21, Mer86, Miß88, Moh19, MVD+14, MFGL19, NB15, NRGB17, NdMM09, NdMMdMMW16, NdMMW16, NSS12, NSTR9, NL23, OOR13, OP10, OGP+16, OBB+24, ÖA21, ÖO07, OG11, PW92, PGLC+18, PLN+04, PTD+06, PVAE98, PMV17, PR99, PCJ18, QFRA19, RK92, RK87, Ric90, RTD20, RSV+05, RMG+13, RGB+08, SGK12, SH87, SI11,
MOL05, MSPR18, MMS07, ME15, NFC+09, NdMM09, NPo1, PJ3+05, PGLC+18, PVAD08, PT02, RSD+14, SGJ+03, SSEA14, Sca11, SAI+20, SAL6, SCB+14, SA10, TSB03, TFEK16, TKN+08, Tm88, VCP+13, WCC16, WGW04, WK20, YZ13, YBRM14, ZLA21, ZWJK05, ZJG17, dMP+03, BCK98, DST21, OXL+17.
Performance-Efficient [LWGZ18].
Performance-Portable [JSS+15].
PGAS [JF21]. Phase [JHLM01, LGY16].
Phi [BP17, Cza17, ELGE17, LLGC17, PES+18]. philosophers [RB86]. Phrase [LKS+20].
Physical [WLW+17]. Phytium [CFX+20].
Piranha [CGJK95]. Pitfalls [HML+20].
Placement [ANS+12, DCX+17, JQWG15, SHZ+14].
Point [JSS+15]. Point [KSA+18, LTF+12, NST89, Ano86a, EG86].
Points [Mer86, SS92]. Polaris [FWH+94].
Policies [BEP13, CML04]. Policy [Roy10].
Polka [Dav87]. Pollination [MSJ20].
Polling [Lin91a]. Pollutant [RSV+05].
Pollution [MKAP05]. Polygons [SS92].
Polyhedra [LW97, QRW00]. Polyhedral [DV97, IAR21, JCD+14, PCP+13, SA19]. PolyJIT [SA19]. Polymorphic [CGPS18].
Polynomial [SWL05, ZYOY13].
Port [CND95, IBA11]. Portability [EGK23, KaM10]. Portable [EAK21, EVK22, JSS+15, JF21, LS91, NLBB23].
Porting [YKLD17]. Positive [GHLN86].
Post [NS97b]. Post-Pass [NS97b].
Potential [HML+20]. Potentials [PDN21].
Potentials-Based [PDN21]. Power [AOAM21, AVLV03, ANR+08, GHR20, JS10, NBN+15, OBB+24, PO07, RSP20, SDH22, SWZ+15, SAI+20, WMN+17, ZLJ+17, ZJG17].
Power-Aware [AOAM21, AVLV03].
Prediction [OA21].
Predictive [AOAM21, CEP97, JSSH97, LEG11, MOL05, RWMF24, SK14, TF96, ZWJK05, ZJG17].
Predictive [PCP+13].
Predictor [CHYP96]. Predictors [KMG01, LJ08].
Preface [CY14, WNMW16].
Prefetch [FDY+19, HGT+12, WLL+08].
Prefetch-Based [WLL+08].
Prefetch-Obfuscator [FDY+19].
Prefetcher [GMB06]. Prefetching [CTK+11, DJS12, GRV+17, GV99, HGT+12, HTmG+12, ZJG+15].
Prefix [MA87, SS89].
Preemption [TH17]. Presence [JSSH97].
Preserving [DC20]. PreSET [SZH18].
pressure [LAV98]. Prevent [GMB95].
Price [Ger10]. Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
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Priority-Based [NYHA14]. Privacy [Ger10].
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Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
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Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
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Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
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Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
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Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
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Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].
Primitive [JLV21, JHLM01]. Primitives [DeB87, JK86].
Priority [BEP13, LLM16, NYHA14, SS17, CRM92].
Priority-Based [NYHA14]. Privacy [Ger10].
Pricing [WWG19].


Scheduling [DF98, NST89].

Schema [WTZ19, WWG19].

School [WMK19].

Scientific [CAK17, DGMP09, HML20, IPR05, MV17, SSB17, TTF08, WSO07].

SDRAM [LPB13].

Search [BJM20b, DS20, GAR16, Ged13, Hum91, KS90, LY95, MAT23, MB12h, MVD14, WMK19, Ad9, DFL86, KR87, RK87].

Searchable [AAI20a, AAI20b].

ScnC [SSS16].

Scratchpad [CHCL14].

SDN [AAN20, FBV21, SAI20, UWF20].

Scientific [CAK17, DGM09, HML20, IPR15, MV17, SSB17, TTF08, WSO07].

Scratchpad [CHCL14].

SDN [AAN20, FBV21, SAI20, UWF20].

Selecting [Low00].

Selection [CS20, DE00, GAR16, KDV22, SAS18, WTZ19, WTQ21, uRHH14].

Self [DWS16, EFED05, FKM11, HHW10, HC17, KFC08, LSL94, LJE05, NSS12].

Self-Adapting [EFED05].

Self-Monitored [LJE05].

Self-Scheduling [LSL94, HC17].

Self-stabilizing [DWS16].

Self-Submitting [NSS12].

Self-tuning [FKM11].

Semantic [HHC15, KSF18, LQWP10].

Semantic-Aware [LQWP10].

Semantics [ACC01, Cam89, Hud86, Ric90].

Semi [GVB06, KMV87].

Semi-Automatic [GVB06, KMV87].

Sensor [CPT14, DM20, NBN15, RY20, RY22].

Separation [SS92].

Sequence [LHP17, SO89, ECSS88, Hua89].

Sequences [AK17, FJZ15].

Shapes [CAZ02].

Shape [CAZ02].

Share [TV15].

Shared [BS03, BS91, CCG14, Cra88, FBGEL19, GV99, GG13, HML20, HR11, LSL94, Lab90, MMG04, MBE03, NIK00, NAP02, SNB04, SR15, SMC94, SS01, SS17, SSM06, SY08, WQJY17, YBRM14, ZLD15, Con88, FcF87, GLHN86, Hem89].

Shared-address [HR11].

Shared-Memory [BS03, CCG14, FBGEL19, GV99, HML20, LSL94, NIK00, NAP02, SMC94, YBRM14, GLHN86].

Sharing [CML04, GMB95, SNB04, YBDJ17].

Shifting [DH00].

ShM [SS01].

Shortest [AT91, OATGEL15a].

Shortest-Path [AT91].

shuffle [GE89].

SIC [GN20].

Side [Gha19, LMHW18].

Side-Channel [Gha19].

Sign [FVvL16, NS97b].

Signals [vNR11].

Signed [GWHY19].

Significance [VCP16].

SIMD [GS90, KJHB14, Moh19, PE18, SJBV06, SDFS98, TB23].
[PDN21]. SPEC [SGJ+03, TSB03]. Special
[Ano16b, Ano16d, Ano16c, Ano18b, Ano18a, Ano19, Ano21a, Ano21b, AM07b, Bro19, Car09, GSA08, Gha19, Giv07, Giv08, HSXH19, JACK20, JT06b, MCE13, MGJS15, MB12a, Mis09, NS97a, ORJ24, Pan08, PP10, PVG17, RJO22, SS10, SZ17, TG21, TFFP18, WNMW16, ZZS+19, BnH98, DB08]. Specialization [FRT+18, GW19]. Species
[FWZ+15]. Species-Based [FWZ+15]. Specific
[API03, CHT03, CB19, TFEK16, TOM+11, WL16, WK20]. Specification
[BdS07, BS91, PC13, RA94]. specifications
[Wai87]. Spectral
[CS20]. Speculation
[BS15, KVG18, WS08]. Speculative
[AK92, CHPC96, Col95, ELGE16, JCD14, KLG08, KJHB14, KT01, LEG11, MS99, MKAP05, PPQV16, RKG04, RA09, TFNG09].
Speculatively
[ELGE17]. Speculatively-Parallelized
[ELGE17].
Speech
[PR99]. Speed
[GE00, MSR18, NS22, PMV17, TGT18, EG86]. Speed-up
[EG86]. Speeded
[Zha10]. Speeded-Up
[Zha10]. Speeding
[SAB11]. Speedup
[Gai89]. Speedups
[KS90, GS90]. SPICE3
[WPC07]. Spike
[CPP+12]. Spill
[PB04].
Spin
[HLP11]. SpiNNaker
[RNJ+12].
Spline
[AP86]. Split
[WR18]. Splitting
[GLF00]. SPMD
[Dab21]. SPP
[SSM09].
SPP-1000
[SSM09]. Spread
[LEA15].
SQL
[HHW20]. SR8000
[TSB03]. SSD
[OXL+17]. stabilizing
[DWS16]. Stack
[BE13]. Stacked
[LHP+17]. Stage
[EDA90, PYC16]. Stand
[DJ16].
Stand-Alone
[DJ16]. Standard
[FSS06, SUCV17, YKLD17, NdMMW16].
Standard-Library
[SUCV17]. StarCore
[PB04]. State
[BR97, KS90, KPS14, LHL+16, OOR13, YJY16].
State-of-the-Art
[LHL+16]. State-Space
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