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Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

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Title word cross-reference

mod [BS09]. λ [KS13b, MP03]. $\lambda\delta$ [Gui09].
 $\lambda\mu$ [Van18a, Sau10]. μ [GLSG15, MM07]. $n!$
[AI03]. $O(m \log n)$ [GJKW17]. ω
[BBS07, CHH09]. π [TM10]. $qM\mu$ [MM07].

-Calculus [GLSG15, KS13b, MM07, TM10,
MP03, Sau10]. **-regular** [BBS07, CHH09].

2003 [Kol05]. **2008** [KM10]. **2SAT** [Sub04].

3-valued [SG07].

abduction [LS07, LY07]. **Abductive**
[KKLJU14, MSS14, SDSS13, ACG⁺08].
abelian [MOG05]. **ability** [GS09].

abnormality [CEG05]. **Abstract**
[BG03a, BG08a, BD07b, FFP15, HCGT18,
MZ17, TZ02, TZ04, GRS05, Gur00, MM02].
abstract-state [Gur00]. **Abstraction**
[CGWW15, CV10, LB07, LLM⁺07, SG07].
abstraction-refinement [CV10, SG07].
abstractions [NNN11, YRSW07].
accessing [ACW12]. **Accumulative**
[BCHK14]. **Ackermann** [LOW16].
Ackermann-Complete [LOW16]. **Action**
[PS17, BG02]. **actions** [DST13, ILNR09].
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[AFMGMM16]. **Acyclic** [EEH17a].
additive [HV05]. **adjoint** [DST13].
admissibility [WZ08]. **Affine**
[AR02, Les18, Try16, CM06]. **against**
[BBS07]. **agent** [ACG⁺08, DNS00, Lia05].
agents [DL04, DKS06]. **aggregate** [CSN05].

aggregates [Fer11]. **Algebra** [BBH⁺14, DST13, FS15b, NSST18, AE09, BP11, BG02, DMS06, Koz00, YFDJ09]. **Algebra-coalgebra** [BBH⁺14]. **algebraic** [Bou09, TZ02, VGD06, VGD07]. **algebras** [RV01, TZ04]. **Algorithm** [GJKW17, BK10, BBH⁺14, CM06]. **Algorithmic** [ACW12, CLSZ15, EEH17a]. **algorithms** [BG03a, BG06, BG07a, BG07b, BG08a, BG11a, Gur00]. **Alphabets** [Tan13, NSV04]. **Alternating** [CDG15, JL11, LW08, KV01, Laz11]. **Alternating-Time** [CDG15]. **Alternation** [BKV15, KS17]. **Alternative** [WWT15]. **among** [CSN05]. **Analysis** [AFMGMM16, BF13, KRW12, AS02, ACW12, JK09, MP09]. **Analytic** [GGOP09]. **Annotated** [MSS14, SPSS11, SSS12, SBSM13, URS10]. **Answer** [AZZ14, DSTW13, GS13b, WWSL16, EFW07, HVV08, Sak05, SI08, SBTM06]. **Answer-Set** [WWSL16]. **Answering** [Fon15, SDSS13, CDL08]. **answers** [LY07]. **Application** [CLCZ10]. **Applications** [BHM15, CG18, DHS16, DST13, IS04, VH05]. **Approach** [Bd12, CLSZ15, DSTW13, HS15, MW15, MZ17, DPR08, EFL⁺04, LLM⁺07, LF01, SYY⁺03]. **Approximate** [BHM15, SSS12, Rat04]. **approximating** [AD14]. **Arbitrary** [FP17]. **Argumentation** [CES14, FFP15]. **Arithmetic** [KHST12, Sch05, VM09, BB14, BM10, BJW05, CT06, Kla08]. **arithmetical** [HLT07]. **array** [ACW12]. **array-accessing** [ACW12]. **Aspects** [Les18]. **Assertional** [LL15]. **Asynchronous** [GS13a]. **ATL** [CDG15]. **atoms** [DFO06]. **Autoepistemic** [CMVT12, DEPT11, KR02]. **Automata** [BGMZ14, CHS14, CHS15, CHO17, CCD15, FMS16, FKL15, HMOS17, HK15a, Tan13, BDR08, BBD03, DL09, JL11, Kla08, KV01, LW08, Laz11, Tan14, Tri09]. **Automated** [CCCK16, CKK17, SKGST09]. **Automatic** [AR04, KRS05]. **axiomatic** [SH07]. **axiomatizability** [FD14]. **Axiomatizations** [BMS13]. **axiomatizing** [BG02]. **axioms** [BGL12, IS06]. **Back** [GHO02]. **Backdoors** [FS15a]. **bad** [BMS⁺11]. **Barbs** [BGM14]. **base** [AFIL09, DEPT11]. **Based** [AFMGMM16, BF13, CES14, FKL15, HLM13, MW15, MZ17, Try16, WWT15, AR04, ABR09, BG03b, ET06, GGOS09, GS09, LLM⁺07, LSS04, MV04, MN12, Rei01, SG07, Zha06]. **Bases** [AKS13, MBN12, TSH15, AAD11, EFST05, Lib00a]. **Basic** [Mie04, BM08]. **Be** [ALN16]. **behavior** [NNN11]. **Behavioral** [CR15, BG11a]. **behind** [LM02]. **Belief** [BZWS18, CD14, CPRW16, DSTW13, Lib16, PKW12, Lia05]. **Beliefs** [SFL17]. **Bendix** [KV05a]. **between** [BFW03, GHO02]. **BI** [LWG13]. **Bimodal** [HK15b]. **Bisimulation** [FDY14, GJKW17, BG02, LT09, TM10]. **blind** [SV08]. **Boolean** [Ari07, BV02, CSS10, HP03, KRW12, LWG13]. **bound** [AI03]. **Bounded** [EEH17b, BB14, BSH10, BM10, BK02, DG07, GPW10, SS07]. **Bounds** [AGM13, BKV15, Kla08, AD14, BSH10, JK09, KS13b, SP09]. **Branching** [GJKW17, GC12, LS15, KV05b, ZHD14]. **branching-time** [ZHD14]. **broadcast** [LvdMR00]. **Brzozowski** [BBH⁺14]. **Büchi** [BK12, Tri09]. **Budget** [NT17]. **Buss** [BSH10]. **Cai** [PSS18]. **Calculi** [DHS16, GS13b, HCGT18, BO02, GGOP09, MOG05, Vor01]. **Calculus** [GLSG15, MN12, NS15, SPAV15, AJ05, ET06, GL10, GGOS09, JK09, KS13b, MM07, MP03, OPS07, PQ07, Rei01, Sal03, SP11, Sau10, TM10, VV07, ZHD14]. **camera** [BGLC04]. **canonical** [BD07b, HP05]. **capture** [BG03a, BG08a, Gur00]. **capturing** [Lib01]. **cardinality** [CSS10, Sze11]. **case** [GN11]. **Categories** [Van18b]. **causes** [CHK08, CHK10]. **CCS** [AFIL09]. **Certainty** [YSG09]. **Certified**

[PDHR14, CS08]. **Chains**
 [BHM15, ASSB00, CDKM13]. **Change**
 [ACOS17, BZWS18, DSTW13, PKW12].
channel [BBS07]. **Characterisation**
 [Van18a]. **Characterization**
 [GMR12, KS17, WWT15, DCHA03, Kon09].
Characterizations
 [CR15, EFW07, YRSW07]. **characterizing**
 [SYY+03]. **Checking**
 [BGS16, DHKP17, EY12, FKL15, MMPV14,
 Tri09, YLYF14, ASSB00, BMS+11, Bou09,
 BDR08, BBD03, GGV02, LLM+07, LW10].
Choiceless [PSS18]. **CHR**
 [DGM12, GM09a]. **Church** [KS13b]. **Circle**
 [DD15]. **Circles** [Soj16]. **circumscription**
 [CEG05]. **Classes** [CGT17, GNT04, Pau06].
classical [AL10]. **Classification**
 [CM17, CKK17, HMR05]. **Classifications**
 [CES14]. **Classifiers** [NSM18]. **Clausal**
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Clique-Width [HS15]. **Closed** [Les18].
closure [YSG09]. **CNF** [DKS17]. **Co**
 [BK12]. **coalgebra** [BBH+14]. **Coalgebraic**
 [BMS13, SV18]. **code** [CS08]. **Coherence**
 [LW15]. **Coincide** [EGT16]. **collapse**
 [BM10]. **Collapsible** [HMOS17].
combination [DEPT11, GNZ08].
combinations [BGR14]. **Combinatorics**
 [BM17]. **combinatory** [DZ13]. **Common**
 [SA13]. **communication** [AFIL09].
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 [Ber04, DPR08, Lib00a]. **Comparisons**
 [WZ05]. **Compilability** [Lib00a, LS07].
Complement [GN12, MP03]. **Complete**
 [BMS13, LOW16, SDW14, AMMO09, Cra07,
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Completeness
 [DD16, Dra16, SV18, Bou09, NT10].
Complexities [KRH13, LS15]. **Complexity**
 [Asp15, BBC+16, BGL13, BJP17, Bul11,
 CEG05, CGL16, CM17, CKRT08, CMVT12,
 CES14, DHL12, DKS17, DT10, FFP15,
 GJL15, HKVV18, Lib06, LMS17, MM12,
 NC12, BMR09, BG09, Che14, CK00, Dal09a,
 ET01, EFL+04, EFW07, FFF05, GMS12,
 HLT07, JK09, KHST12, LT03, VM09, SV08].
Components [AKNZ17]. **Compositional**
 [NSM18, GM09a, NT10]. **compositionality**
 [Rab07]. **Comprehending** [Cha06].
comprehensive [GNZ08]. **compressed**
 [GGSS11]. **Compression** [EEH17a].
computability
 [Bau14, Jap06a, Jap06b, TZ02].
Computable [BCP17, Sim15, BG01, DG07].
Computation [NSST18, AS02, BMM12,
 GM02, TZ04, WZ05]. **Computational**
 [ABEZIP03, Asp15, ASP09, BMR09, Dal09a,
 Ser01]. **computationally** [GHK08].
computed [LY07]. **Computing**
 [BCD13, CJL13, GJKW17, HCMS13].
Concept [DHS16]. **Conceptual**
 [AKRZ14, TSH15]. **concerning** [CFS10].
concrete [BD07a, Lut04, TZ04].
Concurrency
 [AFMGMM16, DHL12, DHS16].
Concurrent [CKPP12, FS15b, SDW14,
 BMR06, CDH11, DGM04, NNN11].
condensing [GRS05]. **conditional**
 [FHK00, GGOS09, Luk01, OPS07].
conditions [GK08]. **Configuration**
 [ADGV14]. **configurations** [LvdMR00].
Confluence
 [FMZV15, Bou09, CNNR03, GNT04, KS13b].
Confluent [Sim15]. **congruence** [LT09].
Conjunction [DD16]. **Conjunctive**
 [CDL08, CM17]. **Connectedness**
 [KNPHZ13]. **connectives** [Fer11].
conservative [Bul11]. **consistency**
 [BCM09]. **Consistent** [Fon15]. **Constant**
 [IS06, DG07]. **Constant-depth** [IS06].
Constrained [FKN17]. **Constraint**
 [BF13, BMT13, BJP17, DMM17, WDB13,
 AR04, BGLC04, BMR06, BMRS10, BCM09,
 Bul11, CSS10, DGM04, DPR08, KV05a,
 MR03, YSG09]. **constraint-solving**
 [DPR08]. **Constraints** [NT17, BCM09,
 BV02, BFW03, CDL08, CLS07, HP03, Lib03,
 Luk01, Rat04, Rat06, Sze11]. **Construction**

[LW15]. **Constructive** [CDG15]. **Containment** [AK15, CDL08]. **Context** [Dal09a]. **Contexts** [BGM14]. **Contextual** [NPP08]. **continuation** [GM09b]. **continuity** [BK02]. **Continuous** [BFHH17, SJV12, ASSB00, CDKM13, FR10]. **continuous-time** [ASSB00, CDKM13, FR10]. **contract** [KKW10]. **contract-signing** [KKW10]. **Contractions** [San17]. **control** [BGLC04, Moy09]. **Convergence** [Lyn05]. **Converse** [Rat04]. **Converse** [GLSG15]. **Convolution** [DHS16]. **Cookbook** [AKRZ14]. **cooperation** [MN12]. **Coordination** [SI08]. **copying** [SV08]. **Coq** [HCMS13]. **Coq/SSReflect** [HCMS13]. **Correction** [BG08a]. **Correctness** [Dra16, LL15, Cha06, DGM04, KT03]. **Costs** [ST15]. **counterexample** [CV10]. **counterexample-guided** [CV10]. **counterexamples** [SG07]. **Counting** [CW16, HK15b, IS06, Kon09, Lib00b, Sch05]. **Craig** [CGS10]. **criteria** [Vor01]. **Cryptographic** [CCCK16, CLCZ10, SV08]. **CSL** [KM10]. **CSP** [DKS17]. **CTL** [SG07, ZHD14]. **Curve** [NC12]. **cycles** [CLCZ10]. **Cyclicity** [ZG14].

Data [ACOS17, AKRZ14, DHL12, SDW14, BDM⁺11, JL11, Laz11, Tan14, YSG09]. **databases** [AMN⁺03, GHK08]. **datalog** [BK10, CFS10, GPW10, ACF05, AKNZ17, GGV02]. **Decidability** [BHM15, DFO06, Fig12, MOK15, VH05, BDT10]. **Decidable** [CGT17, EŠ10]. **decide** [ST14]. **Deciding** [BG02, CLCZ10, CNNR03, GLSG15, KKW10]. **Decision** [FFF15, BJW05, CV10, GS09, RV01]. **Declarative** [SJV12, GL13]. **Decomposed** [PS17]. **Decomposing** [GJL15]. **decomposition** [BG11b, MV04]. **decomposition-based** [MV04]. **Deconstructions** [CM17]. **decorated** [BFV04]. **Deductive** [MO12, GGV02]. **deep** [BG09]. **default** [FHK00, Lib07]. **defeasible** [ABGM01, BAGM10]. **Definability** [PSS18, BLN07]. **definable** [BS09, EH01, Lib03]. **Defining** [Pau06].

Definitions [WDB13, Avi03, DBM01, DT08]. **Degree** [AD14, DG07, GL10, Lyn05]. **delay** [DG07]. **Dependence** [DHL12, DK12, HLM13]. **Dependent** [LW15, SBTM06]. **Depth** [BKV15, EEH17b, BSH10, IS06]. **Depth-Bounded** [EEH17b]. **Description** [ACOS17, AKRZ14, DNR02, KRH13, BGL12, CDL08, EILS11, Lut04, ST14, WZ08]. **descriptions** [Ber04]. **Detecting** [CGT17]. **detection** [AGP07]. **Deterministic** [AL04, HK15a, Mam16]. **Diagonal** [CGL16]. **diagrams** [KS13b]. **Dichotomy** [Fon15]. **Differential** [Kaw09, Pla15, Pla17]. **Diffie** [CKRT08]. **Diffusion** [SBSM13]. **Digraphs** [DMM17]. **dimension** [HLT07]. **directed** [Sto05]. **Discrete** [NC12]. **Disjunction** [BF13, Sto05, FFF05]. **disjunctions** [JNS⁺06]. **Disjunctive** [FS15a, EŠ10, WZ05]. **Display** [CR16]. **Distributed** [GS13a]. **Distributing** [AKNZ17]. **distribution** [HP03]. **Distributions** [CR15]. **distributive** [SS07]. **distributivity** [SV10]. **DL** [WWT15]. **DL-Lite** [WWT15]. **DLV** [LPF⁺06]. **Does** [Pra13]. **Domain** [SBTM06, DMS06]. **Domain-dependent** [SBTM06]. **Domains** [SJV12, AR04, GRS05, HW10, Lut04]. **Dominance** [KKLJU14]. **Downward** [Fig12]. **DPLL** [BGL13, Lib06]. **Driven** [AKS13, FFF15]. **duality** [BBH⁺14]. **duration** [CDKM13]. **Durations** [BDR08]. **Dynamic** [FS15b, Sch15, BERS04, FD14, GMS12, GK08, KB11, SYY⁺03]. **Dynamical** [BHM15].

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[CGS10, KKLJU14, Rat06, BGV01]. **Efficiently** [GLSG15]. **Elementary** [MOK15, AJ05, CM06]. **Eliminating** [Ari07]. **elimination** [Cra07]. **Email** [SA13]. **Embedding** [DEPT11]. **Embeddings** [CG18]. **emptiness** [Tri09]. **encryption** [CKRT08]. **enriched** [AL10]. **entailments** [Ari07]. **Enumeration** [KS13a]. **environment** [BD07a, PQ07]. **Epistemic** [CKPP12]. **Equality** [MM12, BGR14]. **Equation** [KRW12]. **equational** [AFIL09]. **Equations** [San17]. **Equilibrium** [SJV12]. **Equivalence** [BMS13, CCK16, GJKW17, Soj16, GJ12, HP05, Mur05, Pau06, SH06]. **Equivalences** [CSN05, EFW07]. **equivalent** [LPV01]. **Erotetic** [CKK17]. **Erratum** [CHS15, CHK10, VGD07]. **erroneous** [YSG09]. **Eternity** [Hes05]. **Euclidean** [KNPHZ13]. **Evaluation** [FFF15, MBN12, RS14]. **Evaluation-Driven** [FFF15]. **Event** [SPAV15]. **evolving** [EFST05]. **Examples** [Lib16]. **Exchanges** [SA13]. **execution** [DLS01]. **Existential** [BGS16, Che14]. **exponentials** [BG11b]. **exponentiation** [CKRT08]. **Expressions** [GN12]. **Expressive** [DD16, DGM12, GL13]. **Expressiveness** [ZZ17, BDT10]. **EXPTIME** [AE09]. **Extended** [BB17, LF01]. **Extending** [CPV09, Tan14]. **extensible** [BBC02]. **extension** [BG08a]. **Extensional** [CHRW13, SH06]. **Extensions** [LS15, GGOS09, KB11]. **exteriors** [MO12]. **External** [CJL13]. **Extraction** [Bd12, CKK17].

fail [Lib07]. **fail-safe** [Lib07]. **Fails** [CD14]. **failure** [DNR02, RW05]. **Fair** [GS13a]. **Fast** [MO06, BK10]. **Faster** [DHKP17]. **FDNC** [EŠ10]. **feasibility** [IS04]. **feature** [Mie04]. **Field** [ZG14]. **Field-Sensitive** [ZG14]. **FIFO** [GGKT12]. **Finding** [DKS17]. **Finitary** [CHH09, Mur05]. **Finite** [Asp15, BBC⁺16, BKV15, EEH17a, GLSG15, KT18, NSV04, NSST18, RS14, AR04, AFIL09, EH01, FD14, GPW10]. **Finite-State** [NSST18, EH01]. **Finite-Variable** [BKV15]. **Finitely** [CGT17]. **First** [AZZ14, DG12, DG07, EGT16, FHK00, GHK08, GJL15, HK15b, Kar13, KT15, MM12, WDB13, Avi03, Bau14, GS00, GS02, Lib03, Rat04, Sch05]. **First-Order** [AZZ14, EGT16, GJL15, HK15b, Kar13, KT15, MM12, WDB13, DG12, DG07, FHK00, GHK08, Avi03, Bau14, GS00, GS02, Lib03, Rat04, Sch05]. **Fixed** [Bae12, LT03, DGK04, HW10]. **Fixed-parameter** [LT03]. **Fixpoint** [CGWW15, SV18, SSS12, VGD06, VGD07]. **Flat** [SV18, SV08]. **Flow** [NT17, JK09]. **Floyd** [AMMO09]. **Floyd-Hoare** [AMMO09]. **FO** [BS09]. **Focalization** [Sim14]. **Formal** [Kra15, GMS12, Gui09]. **Formalizing** [SPNS14]. **formally** [ADGR07]. **formats** [BFV04]. **Forms** [RMV17, HP05]. **Formula** [HLM13, AI03]. **Formula/Literal** [HLM13]. **formulae** [Ari07]. **Formulas** [DKS17, AD14, GS00, LR06, Sub04]. **forth** [GHO02]. **Foundational** [CS08]. **foundations** [GL13]. **Founded** [BVD16, EILS11, WZ05]. **Fragment** [HRW17, KT18, AJ05, Bau14]. **Fragments** [BKMV⁺17, CMVT12, CPRW16, AL04, BMS⁺11]. **Framework** [TSH15, ACG⁺08, AAD11, AMMO09, BD07a, CV10, CS08, GNZ08, LA13, Lia05, MM02, RS13, She08, SG07]. **Frameworks** [FFP15, BCM04]. **free** [BGR14, HV05]. **freeze** [DL09]. **Frege** [BB17, BSH10, IS06]. **full** [ST14]. **fully** [LA13]. **Function** [CGT17, AE09, EŠ10]. **functionals** [BK02]. **Functions** [NSM18, AE09, Avi03, BGV01, Pau06]. **Fürer** [PSS18]. **fusion** [Lia05]. **Fuzzy** [FPS14, SJV12].

G3i [FFF15]. **Game**

[FMS16, Pla15, DH02, MN12, SG07]. **game-based** [MN12, SG07]. **Games** [BPT14, BMM15, CD14, CKPP12, MW15, Pla17, AL04, BSH10, CHH09, CDH11].

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[BGM14, ZZ17, AMMO09, SYY⁺03]. **Generalized** [MBN12, SBSM13]. **Generalizing** [BCM09]. **Generation** [CKK17, AR04, CGS10]. **generators** [AL04]. **Generic** [BCD13, MT05]. **geometry** [Dal09b]. **goal** [Sto05]. **goal-directed** [Sto05]. **good** [BMS⁺11]. **governed** [ASP09]. **GPU** [KI17]. **Graded** [BMM12]. **Grammars** [EEH17a]. **Graph** [ACOS17, BM17, CM17, Tan13, DZ13]. **Graph-Structured** [ACOS17]. **graphs** [Lyn05, Moy09, Sze11, Tri09]. **Greatest** [Bae12]. **Ground** [CGT17, GL14, Bou09, VH05]. **Guarded** [BTV16, KT18, DLS01, GHO02, HVV08]. **Guards** [KT18]. **Guest** [BMR09]. **guided** [CV10].

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intuitionism [LM02]. **Intuitionistic** [AR02, FFF12, Kra15, DST13, FFF05]. **Invariant** [EEH17b, GS00]. **invariants** [BG01]. **Isabelle** [Pau00]. **isomorphisms** [DCDGT10]. **issue** [BMR09, GHJP03, KM10, Kol05]. **iteration** [HS10]. **IV** [BG11b].

Jordan [NC12]. **judgments** [MT05]. **Justification** [SFL17]. **Justified** [SFL17].

Karp [BM10]. **Kernels** [KI17]. **key** [CKRT08, CLCZ10]. **kinds** [Cra07]. **Kleene** [DMS06, Koz00]. **KLM** [GGOP09]. **Knowledge** [AKS13, BCD13, CKK17, Kra15, LvdMR00, MBN12, SA13, TSH15, DEPT11, DNR02, EFL⁺04, EFST05, LPF⁺06, Lib00a, Rei01, SBTM06]. **knowledge-base** [DEPT11]. **knowledge-based** [Rei01]. **knowledge-state** [EFL⁺04]. **Knuth** [KV05a].

Labelled [HCGT18]. **Labels** [BGM14]. **lambda** [AJ05, PQ07, Sal03, Les18]. **lambda-calculus** [PQ07]. **Language** [BMS13, CPV09, GGV02]. **Languages** [BL16, EEH17a, BLN07, BS09, CDH10, GL13, GHK08, GMS12, Mur05]. **Lattice** [HK15a, BMT13]. **lattices** [SS07]. **law** [Lyn05]. **Lax** [Rab15]. **Layer** [FMZV15]. **Learning** [NSM18]. **Least** [Bae12, KS13b]. **left** [AFIL09, MR03]. **length** [Sub04]. **LF** [HP05, UCB11]. **LICS** [GHJP03, Kol05]. **Light** [AR02]. **like** [Sub04]. **limitation** [Cha06]. **limitations** [Rab07]. **Limiting** [BL16]. **Limits** [CR16]. **Linear** [Bae12, BF13, FPS14, HK15b, Les18, ST15, YLYF14, BBS07, BJW05, CDKM13, Dal09a, Dal09b, GGV02, HV05, KRS05, KV05b]. **Linear-Logic** [BF13]. **Linear-Time** [YLYF14, BBS07]. **Linearizability** [SDW14]. **Lipton** [BM10]. **lists** [DPR08]. **LITE** [GGV02, WWT15]. **Literal** [HLM13].

Liveness [EFH14]. **Local** [LW15, PS17, BB14, GM02, Lib00b, Lib01, Sze11]. **Local-Effect** [PS17]. **Locality** [GS00]. **Locally** [BVD16]. **LoCo** [ADGV14]. **Logic** [ADGV14, Bae12, BBC⁺16, BF13, BZWS18, BGS16, BKMV⁺17, CGT17, CDG15, CHRW13, CW16, CGWW15, CMVT12, CES14, CPRW16, DD15, DD16, DBM01, DHS16, Dra16, DK12, EGT16, Fer11, FS15a, FP17, FPS14, GS13b, GN11, GC12, Kar13, KI17, Kra15, KS17, LOW16, LMS17, MM12, Mam16, MW15, MSS14, Pla15, RS14, SJV12, SSS12, SDSS13, SPNS14, SFL17, Try16, WDB13, Zha06, ZZ17, AL10, AM01, ACG⁺08, AELP01, AGP07, ABGM01, Avi03, BGL12, Bau14, BMM12, BMRS10, BDM⁺11, BERS04, BM08, BDP04, BGV01, CDL08, CK00, CM06, Dal09a, DGK04, DEPT11, DL04, DT08, DG12, DST13, EFL⁺04, EŠ10, EILS11, FD14, FHK00, FR10, GL13, GK08, HV05, IS04, Jap06a, Jap06b, KR02, Koz00, KT03, LF01, Lia05, LPV01, LT03, LSS04, Luk01]. **logic** [MR03, RW05, Sak05, SH07, SKGST09, Sch05, SPSS11, SYY⁺03, Sze11, Tan14, VDS01, WZ05, ZHD14, AR02, DBM01]. **Logic-Based** [CES14, MW15]. **logic-enriched** [AL10]. **Logical** [BDT10, BLN07, BHM15, BFHH17, CR15, GL13, RS13, YRSW07, Kon09, MM02]. **Logics** [ACOS17, AKRZ14, BM17, BTV16, BKV15, BGMZ14, CLSZ15, EEH17b, HK15b, HKVV18, HCGT18, KB11, KNPHZ13, KRH13, KWS⁺03, Lib00b, Lib01, MOK15, SV18, AMMO09, BAGM10, BO02, DNR02, ET06, FFF05, GGOP09, GGOS09, GS09, GHO02, Lib07, LSS04, Lut04, MOG05, OPS07, ST14, SP09, TM10, VGD06, VGD07, Vor01, WZ08]. **Long** [ALN16]. **loop** [BG01, CPV09, LR06]. **Loops** [CJL13, She08]. **Lower** [AGM13, BSH10, AI03, AD14]. **LTL** [BGL12, BMS⁺11, DL09, SV10, AL04]. **Lukasiewicz** [MW15, MOG05].

machines [BD07a, BG03a, BG08a, Gur00, NSV04].
Made [BK12]. **Making** [GRS05].
Managing [ACOS17]. **many** [LR06]. **Map** [NSST18]. **Map-Reduce** [NSST18]. **Maps** [PKW12]. **Markov** [ASSB00, BHM15, CV10, CDKM13].
marriage [WT03]. **matching** [GGSS11].
mathematics [AL10]. **Maximally** [ALN16].
May [AFMGMM16, ALN16].
May-Happen-in-Parallel [AFMGMM16].
measuring [AELP01]. **Mechanizing** [Pau00, UCB11]. **MELL** [LS15]. **merge** [AFIL09]. **Mergesort** [LL15]. **Merging** [CPRW16, HRW17, Lib16]. **metalogical** [BCM04, CS08]. **metaquerying** [ABEZIP03]. **metatheory** [UCB11].
Method [CDG15, MBN12, MP09].
methods [NT10, Vor01]. **Metric** [LOW16, FR10, KWS⁺03, TZ04]. **minimal** [DNR02]. **minimization** [BBH⁺14, BG03b].
Minimizing [HK15a]. **Minimum** [RW05].
MKNF [AKS13]. **MLL** [MO06]. **mobile** [DL04]. **Modal** [GJL15, MOK15, NNN11, Pra13, DGK04, DL04, DST13, FFF05, GHO02, Lia05, NPP08, SH07, SP09, TM10, Vor01, WZ08].
moded [BERS04]. **Model** [ASSB00, BGS16, BBD03, CDG15, DHKP17, DSTW13, EY12, LW15, MMPV14, WWSL16, YLYF14, ZZ17, AELP01, BMS⁺11, BDR08, GGV02, JNS⁺06, LLM⁺07, LW10, RW05].
Model-Checking [MMPV14, YLYF14, ASSB00, BDR08].
Model-Theoretic [DSTW13]. **modeling** [CLS07, ET06]. **Modelling** [AKRZ14].
Models [RS14, vdBG12]. **Modular** [HCGT18, AAD11, Sto05]. **modularity** [VGD06, VGD07]. **Modulo** [ST15, CGS10].
Monadic [EGT16, FP17, GPW10, Mam16, Sze11, KS13a]. **monads** [WT03]. **Monodic** [DFK06]. **Monotone** [BVD16]. **Morphisms** [Rab15]. **Most** [CJL13]. **motion** [BGLC04].
MSO [EH01]. **multi** [Lia05]. **multi-agent** [Lia05]. **multiagent** [GS09, LvdMR00].
multiary [SP11]. **multicast** [BMRS10].
Multicriteria [KKLJU14]. **Multiple** [DGM12, PKW12]. **multiplicative** [HV05].
multiplicative-additive [HV05].
Multirelations [FS16]. **multisets** [DPR08].
multivalued [LSS04]. **MWeb** [AAD11].
mwp [JK09]. **mwp**-bounds [JK09].
named [VV07]. **names** [KHST12]. **Narrow** [ALN16, BCMS18]. **Natural** [LL15].
Negated [Van18a]. **negation** [CSN05, DNR02, RW05, ST14].
negation-as-failure [RW05]. **Negotiations** [SPNS14]. **Nested** [CHO17, EP13, Kar13, AE09, CEG05, VV07].
Nets [BFHH17, McK13, HV05, MO06].
Network [SBSM13]. **NEXP** [Lut04]. **No** [DD16, Sim15]. **Nominal** [FF18, LV12, DG12]. **Non** [FD14, AS02, GK08]. **Non-finite** [FD14].
non-size-increasing [AS02].
non-suspension [GK08]. **Nonconstructive** [Bd12]. **Nondeterministic** [LWG13, Mam16, BBS07]. **Nonelementary** [LS15]. **nonground** [DEPT11].
nonmonotone [DT08]. **nonmonotonic** [BO02, ET01, EFST05, EŠ10, GGOP09, Sak05]. **Nonuniform** [CSS10]. **norm** [ASP09]. **norm-governed** [ASP09].
Normal [JR15, RMV17]. **Normalisation** [Van18a]. **Normality** [FS15a].
Normalizing [Sim15]. **normative** [Ser01].
normed [GV04]. **note** [CK00]. **NP** [BB17, KV05a]. **NP-complete** [KV05a].
Nullstellensatz [IS06]. **number** [ADGR07].
numbers [ACF05, CFS10, Rat06].
objects [BBC02]. **Observation** [CD14].
Obtain [Fon15]. **Off** [CGL16].
Off-Diagonal [CGL16]. **Omega** [LW10].
Omega- [LW10]. **One** [CJL13, CM17, HK15b, Sim15, SV08].
One-Step [Sim15]. **One-Variable**

[HK15b, SV08]. **Ontology** [WWT15]. **Open** [HVV08]. **operations** [BMT13]. **operator** [VGD06, VGD07]. **Operators** [BZWS18, BVD16, HLM13, DST13]. **OPL** [vHPP00]. **Optimal** [CDG15, Sub04, CM06, PQ07]. **Optimality** [GL10]. **Optimization** [CKK17, ST15, SBSM13]. **optimize** [Vor01]. **Optimizing** [CM06]. **Oracle** [BCP17]. **Order** [AZZ14, CHRW13, EEH17b, EGT16, FP17, GJL15, HK15b, JR15, Kar13, KT15, LV12, MM12, WDB13, AJ05, Avi03, Bau14, BB14, CPV09, Dal09b, DG12, DG07, FHK00, GHK08, GS00, GS02, KS13a, Lib03, MM02, MP03, Pie09, Rat04, Sal03, Sch05, Sze11, Tan14]. **Order-Invariant** [EEH17b, GS00]. **Ordered** [BL16, BGS16, CNNR03]. **orderings** [BG08b]. **orders** [KRS05]. **Ordinary** [BG06, BG07a, BG07b]. **Other** [CLSZ15, BCM09]. **Outlier** [AGP07]. **Output** [BCP17]. **Overlooked** [LW15].

Paraconsistent [Ari07, CLSZ15]. **Parallel** [AFMGMM16, SDSS13, BG03a, BG08a, PQ07]. **parameter** [LT03]. **Parameterized** [AK15, BGL13, DKS17]. **Parametric** [AELP01, BDR08]. **Parametrised** [LMS17]. **Paris** [CGL16]. **Parity** [BPT14, AD14, CDH11]. **Partial** [CD14, BG08b, KT03, TZ04]. **Partial-Observation** [CD14]. **partiality** [JNS⁺06]. **Partially** [BGS16]. **passing** [Ber04, GM09b]. **Path** [Van18b, BFW03]. **pattern** [MP03]. **PCL** [GGOS09]. **Pebble** [BGMZ14, Tan13]. **Pebbling** [Nor12]. **PELCR** [PQ07]. **Perfect** [Kra15]. **Permissive** [DG12]. **Permissive-nominal** [DG12]. **persistency** [ACF05, CFS10]. **Persistent** [BG11a, HCMS13]. **Perspective** [LV12]. **Petri** [BFHH17]. **Phase** [LWG13, WWSL16]. **Phylogeny** [BJP17]. **Piece** [NSM18]. **Piece-Wise** [NSM18]. **Piecewise** [GGKT12]. **Plane** [Try16].

planning [AM01, BGLC04, EFL⁺04, SBTM06]. **PLP** [She08]. **pointer** [HS10]. **Points** [Bae12, DGK04]. **Polymorphic** [VV07]. **Polynomial** [GM02, PSS18, AS02, GL10, GNT04]. **Polynomial-time** [GM02]. **polynomially** [IS06]. **positions** [Ser01]. **Positive** [MM12, SUWC16, Che14]. **Possibilistic** [SFL17]. **Power** [CR16, DGM12, NS15]. **Precongruence** [BFV04]. **Predicate** [ET06, LB07]. **Predicate-calculus-based** [ET06]. **Predicates** [FP17, LB07]. **predicative** [AL10]. **preference** [GGOS09]. **preference-based** [GGOS09]. **preferential** [Ari07]. **Preferred** [AZZ14]. **preorders** [DCHA03]. **Presburger** [Kla08]. **Preservation** [BTV16]. **Preserving** [BZWS18, TSH15]. **prime** [ADGR07]. **principle** [SH07]. **principled** [AAD11]. **principles** [BB14]. **privacy** [MN12]. **Probabilistic** [DH02, DNS00, EY12, FFP15, HGS07, LT09, LLM⁺07, Luk01, MSS14, SSS12, SDSS13, SPAV15, BBS07, DKS06, ILNR09, SPSS11]. **Probability** [BCP17, CR15]. **Problem** [BHM15, DMM17, MMPV14, SJV12]. **Problems** [ADGV14, BB17, BJP17, DHL12, FMS16, GGKT12, PSS18, SBSM13, ABEZIP03, Bul11, CSS10, ET06, GNT04, WZ08]. **Procedural** [FKN17, CPV09]. **Procedure** [FFF15, BJW05, RV01]. **Procedures** [AKS13, BGL13, ABRS09, GS09]. **Process** [GL14, Ber04, BG02]. **Processes** [CKPP12, FDY14, CV10, YFDJ09]. **Processing** [PDHR14]. **Processor** [BGV01]. **producing** [Ber04]. **Product** [Soj16]. **Program** [Bd12, BG08b, DHL12, MZ17, GJ12, MP09, Mur05, Zha06]. **program-based** [Zha06]. **Programming** [CHRW13, DSTW13, SPNS14, AM01, ACG⁺08, AGP07, BMR06, BMRS10, DBM01, EFL⁺04, EFW07, GL13, HVV08,

LF01, Luk01, Rei01, SI08]. **Programs** [AZZ14, BZWS18, CGT17, Dra16, FS15a, FKN17, GS13b, RS14, SBSM13, SDSS13, WWSL16, ZZ17, ACF05, ACW12, BERS04, BDP04, CFS10, DGM04, DEPT11, DBM01, DNS00, EŠ10, EILS11, Fer11, GK08, HVV08, HS10, LPV01, LT03, LSS04, MR03, RW05, Sak05, SKGST09, SYY⁺03, VDS01, WZ05]. **Progression** [PS17]. **promise** [DT10]. **Proof** [BM08, CGL16, ET01, HV05, LL15, McK13, SDW14, TM10, TG18, ADGR07, BG09, DST13, MT05, MO06, Sto05, Vor01]. **Proof-complexity** [ET01]. **proof-search** [Vor01]. **Proofs** [ALN16, BPT14, BB17, Bd12, BCMS18, GM09b, Kra15, BSH10, DT10, SKGST09, VDS01]. **Propagation** [WDB13, CLS07]. **Properties** [BHM15, CCCK16, DHKP17, Van18a, YLYF14, ABEZIP03, BBS07, BCM09, CDKM13, CLCZ10, KKW10, Lib00b, Lib01]. **property** [FFF05, LLM⁺07]. **Proposition** [BP11]. **Propositional** [BPT14, CPRW16, FFF12, HK15b, HKVV18, HLM13, Jap06a, Jap06b, Van18b, BO02, BGV01, CEG05, CK00, DT10, Fer11, GN11, LA13, LS07]. **propositions** [DST13]. **protocol** [MN12]. **Protocols** [CCCK16, CCD15, AM01, CKRT08, CLCZ10, KKW10, SV08]. **prove** [Hes05]. **prover** [OPS07]. **Proving** [DGM04, FMZV15, NC12, MR03, Vor01]. **PSPACE** [Bau14, GMR12, SP09]. **PSPACE-complete** [Bau14]. **public** [CKRT08]. **Pudlák** [BSH10]. **Pure** [HS10]. **Pushdown** [CCD15, FKL15, HMOS17, Kar13].

QBF [BCMS18]. **QoS** [BMRS10]. **QSQR** [MBN12]. **Qualitative** [CDH11, ILNR09]. **Quantification** [SUWC16, KR02]. **Quantified** [DMM17, Ari07, BCM09, Rat06]. **Quantifier** [BKV15, BGR14, DL09]. **Quantifier-free** [BGR14]. **quantifiers** [AD14, Rat04, Sch05]. **Quantitative** [CDH10, Les18, MW15, MM07]. **Quantum** [FDY14, YLYF14, YFDJ09]. **Queries** [AKNZ17, CM17, NSST18, BDT10, BG11a, Che14, CSN05, DG07, GS02, KS13a]. **Query** [AKS13, BL16, Fon15, SDSS13, BLN07, CDL08, GHK08, GGV02]. **Query-Driven** [AKS13]. **queues** [RV01].

Ramsey [CGL16, FKL15]. **Ramsey-Based** [FKL15]. **Random** [BCP17, WWSL16, KHST12, Lyn05]. **Randomization** [CHS14, CHS15]. **randomness** [HLT07]. **rank** [SP09]. **rank-1** [SP09]. **ranked** [BLN07]. **Rational** [BM17, ST15, Try16]. **RDF** [URS10]. **Reachability** [GGKT12, Tan13, ZG14]. **Real** [Try16, Rat06]. **Realizers** [Bd12]. **reals** [BJW05]. **Reasoning** [BMM15, CMVT12, EFST05, ILNR09, MM02, MMPV14, Sch15, She08, SFL17, TSH15, Ari07, BK10, ET01, FHK00, GGOP09, LPF⁺06, MN12, NT10, YSG09]. **Recognition** [SPAV15]. **Recursion** [HMOS17, Mam16, AE09, BG02, Dal09b, Kaw09]. **Recursive** [EY12, She08]. **Recycling** [LY07]. **Reduce** [NSST18]. **Reduction** [PDHR14, CM06, DZ13, PQ07]. **reductions** [BGV01]. **redundancy** [Vor01]. **redundant** [CLS07]. **refinement** [BG02, CV10, SG07]. **Refining** [GL14]. **Reflective** [BCM04]. **refutations** [IS06, Sub04]. **Region** [Try16]. **Region-Based** [Try16]. **register** [DL09]. **Regular** [BS09, GN12, BBS07, CHH09, LW10]. **Related** [KT18, Cha06]. **Relation** [KKLJU14]. **Relational** [NSST18, AMN⁺03, VV07]. **Relations** [BM17, CR15, EFH14, GM02, RS13]. **Relative** [Nor12]. **Reliable** [YSG09]. **Removing** [CLS07]. **replacement** [CT06]. **Representation** [ABGM01, LPF⁺06]. **representations** [Lib00a]. **Representing** [MSS14]. **Resolution**

[BCMS18, FLM⁺15, Nor12, DFK06, FDP01, Lib06, Sub04, ZHD14]. **Resource** [AGM13, BK02, HP03, Moy09]. **Resource-bounded** [BK02]. **Resource-distribution** [HP03]. **resources** [MP09]. **result** [BM10]. **Results** [MM07, ABGM01, ABR09, CKRT08, CFS10, DFO06, ET01, Lib06, VGD06, VGD07]. **Revision** [WWT15, Lib00a]. **revisited** [DBM01, FHK00]. **Revisiting** [KR02]. **Rewrite** [GL14, RMV17, ABR09, CNNR03, GNT04, LY07]. **rewrite-based** [ABRS09]. **Rewriting** [FF18, FKN17, Sim15, GK09, KS13b, SKGST09, VH05]. **Rigid** [EEH17a]. **Robust** [GC12]. **Role** [BM17, ST14]. **Rosser** [KS13b]. **routing** [BMRS10]. **Rule** [CJL13, AR04, AAD11]. **rule-based** [AR04]. **Rules** [BF13, CR16, CG18, FFF12, Ber04].

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Where [EGT16, Lib07]. **Width** [FLM⁺15, HS15]. **Win** [CD14]. **winning** [CHH09]. **Wise** [NSM18]. **within** [CPRW16, HCMS13]. **without** [MM12].
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