

A Complete Bibliography of *ACM Transactions on Computational Logic*

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/>

27 May 2020
Version 1.65

Title word cross-reference

1 [CC19]. *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]. **-Safe** [CC19].

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

3-valued [SG07].

abduction [LS07, LY07]. **Abductive** [KKLJU14, MSS14, SDSS13, ACG+08]. **abelian** [MOG05]. **Abilities** [BJP19]. **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]. **Access** [BBGS20]. **accessing** [ACW12]. **Accumulative** [BCHK14]. **Ackermann** [LOW16]. **Ackermann-Complete** [LOW16]. **ACT** [GF18]. **ACT-R** [GF18]. **Action** [PS17, BG02]. **actions** [DST13, ILNR09]. **Activities** [AG19]. **Actor** [AFMGMM16]. **Actor-Based** [AFMGMM16]. **Acyclic** [EEH17a]. **Adding**

[PZ20]. **Addition** [CLLM19]. **additive** [HV05]. **adjoint** [DST13]. **Admissibility** [CFMP19, WZ08]. **Affine** [AR02, Les18, Try16, CM06]. **against** [BBS07]. **agent** [ACG⁺08, DNS00, Lia05]. **Agents** [BJP19, DL04, DKS06]. **aggregate** [CSN05]. **aggregates** [Fer11]. **Algebra** [AO19, BBH⁺14, DST13, FS15b, NSST18, AE09, BP11, BG02, DMS06, Koz00, YFDJ09]. **Algebra-coalgebra** [BBH⁺14]. **algebraic** [Bou09, TZ02, VGD06, VGD07]. **Algebras** [CFP⁺19, RV01, TZ04]. **Algorithm** [GJKW17, Rab18, BK10, BBH⁺14, CM06]. **Algorithmic** [ACW12, CLSZ15, EEH17a]. **algorithms** [BG03a, BG06, BG07a, BG07b, BG08a, BG11a, Gur00]. **Alphabets** [Tan13, NSV04]. **Alternating** [CDG15, GKR18, JL11, LW08, KV01, Laz11]. **Alternating-Time** [CDG15, GKR18]. **Alternation** [BKV15, KS17]. **Alternative** [WWT15]. **among** [CSN05]. **Analysis** [AFMGMM16, ACJ⁺18, BF13, KRW12, NV19, AS02, ACW12, JK09, MP09]. **Analytic** [GGOP09]. **Analyticity** [LZ19]. **Annotated** [MSS14, SPSS11, SSS12, SBSM13, URS10]. **Answer** [AZZ14, DSTW13, GS13b, WWSL16, EFW07, HVV08, Sak05, SI08, SBTM06]. **Answer-Set** [WWSL16]. **Answering** [Fon15, LMTV19, SDSS13, CDL08]. **answers** [LY07]. **Anti** [CK20]. **Anti-unification** [CK20]. **Application** [CLCZ10]. **Applications** [BHM15, CC19, CG18, DHS16, DST13, IS04, VH05]. **Approach** [Bd12, CLSZ15, DSTW13, HS15, LDJ⁺18, LOS19, MW15, MZ17, MBRS20, DPR08, EFL⁺04, LLM⁺07, LF01, SYY⁺03]. **Approximate** [BHM15, SSS12, Rat04]. **approximating** [AD14]. **Arbitrary** [FP17]. **Architecture** [GF18]. **Argumentation** [CES14, FFP15]. **Arithmetic** [CGI⁺18, KHST12, Sch05, VM09, BB14, BM10, BJW05, CT06, Kla08]. **arithmetical** [HLT07]. **array** [ACW12]. **array-accessing** [ACW12]. **Arrays** [MNPS20]. **Aspects** [Les18]. **Assertional** [LL15]. **Asymptotic** [VZ19]. **Asynchronous** [GS13a]. **ATL** [CDG15]. **atoms** [DFO06]. **Attacker** [BCEO20]. **Autoepistemic** [CMVT12, DEPT11, KR02]. **Automata** [BGMZ14, CHS14, CHS15, CHO17, CCD15, CLLM19, FMS16, FKL15, HMOS17, HK15a, HSTW20, MBRS20, QS19, Sei18, Tan13, BDR08, BBD03, DL09, JL11, Kla08, KV01, LW08, Laz11, Tan14, Tri09]. **Automated** [ALGN18, CCK16, CKK17, Gul18, SKGST09]. **Automatic** [AR04, KRS05, LDJ⁺18]. **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, BCEO20, BF13, CES14, FKL15, HLM13, MW15, MZ17, Try16, WWT15, AR04, ABRS09, BG03b, ET06, GGOS09, GS09, LLM⁺07, LSS04, MBRS20, 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, FL20, Lib16, PKW12, Lia05]. **Beliefs** [SFL17]. **Bendix** [KV05a]. **Bernays** [EIP20]. **between** [BFW03, FF20, GHO02]. **BI** [LWG13]. **Bimodal** [HK15b]. **Binary** [CLLM19, NV19]. **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, VZ19,

AD14, BSH10, JK09, KS13b, SP09].

Branching [CLLM19, GJKW17, GC12, LS15, KV05b, ZHD14]. **branching-time** [ZHD14]. **Branchwidth** [LOS19]. **broadcast** [LvdMR00]. **Brzozowski** [BBH⁺14]. **Büchi** [BK12, Tri09]. **Budget** [NT17]. **Buss** [BSH10].

Cai [PSS18]. **Calculi**

[DHS16, GS13b, HCGT18, LZ19, LP19, BO02, GGOP09, MOG05, Vor01]. **Calculus** [AVD⁺19, DMP18, GLSG15, GGS20, MN12, NS15, SPAV15, AJ05, ET06, GL10, GGOS09, JK09, KS13b, MM07, MP03, OPS07, PQ07, Rei01, Sal03, SP11, Sau10, TM10, VV07, ZHD14]. **camera** [BGLC04]. **Can** [HSTW20]. **canonical** [BD07b, HP05]. **capture** [BG03a, BG08a, Gur00].

capturing [Lib01]. **cardinality**

[CSS10, Sze11]. **Case** [NV19, GN11].

Categories [Van18b]. **Category**

[AMMU19]. **causes** [CHK08, CHK10]. **CCS**

[AFIL09]. **Central** [BCKL19]. **Certainty**

[YSG09]. **Certified** [PDHR14, CS08].

Chains [BHM15, ASSB00, CDKM13].

Change [AG19, ACOS17, BZWS18, DSTW13, PKW12]. **channel** [BBS07].

Characterisation [Van18a].

Characterization [GMR12, KS17, WWT15, DCHA03, Kon09].

Characterizations [CR15, EFW07, YRSW07]. **characterizing**

[SYY⁺03]. **Checking**

[ALGN18, BCKL19, BGS16, BMM⁺19, CFMP19, DHKP17, EvdHK⁺20, EY12, FCGQ20, FKL15, MBRS20, 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]. **Class** [EIP20]. **Classes**

[CGT17, GNT04, Pau06]. **classical** [AL10].

Classification [CM17, CKK17, HMR05].

Classifications [CES14]. **Classifiers**

[NSM18]. **Clausal** [FDP01]. **clauses** [SV08].

Clique [HS15]. **Clique-Width** [HS15].

Closed [Les18]. **closure** [YSG09]. **CNF**

[DKS17]. **Co** [BK12]. **coalgebra** [BBH⁺14].

Coalgebraic [BMS13, SV18]. **code** [CS08].

Cognitive [GF18, HKO19]. **Coherence**

[LW15]. **Coincide** [EGT16]. **collapse**

[BM10]. **Collapsible** [HMOS17].

combination [DEPT11, GNZ08].

combinations [BGR14]. **Combinatorics**

[BM17]. **combinatory** [DZ13]. **Common**

[SA13]. **communication** [AFIL09].

Commutative [HTAC19]. **commuting**

[CKRT08]. **compact**

[Ber04, DPR08, Lib00a]. **Comparison**

[BMM⁺19]. **Comparisons** [WZ05].

Compilability [Lib00a, LS07].

Complement [GN12, MP03]. **Complete**

[BCEO20, BMS13, LOW16, SDW14, AMMO09, Cra07, DCHA03, GHK08, KV05a, Lut04, Bau14].

Completeness

[DD16, Dra16, SV18, Bou09, NT10].

Complexes [CC19]. **Complexities**

[KRH13, LS15]. **Complexity**

[Asp15, AO19, BBC⁺16, BGL13, BJP17, Bull11, CEG05, CGL16, CM17, CKRT08, CMVT12, CES14, DHL12, DKS17, DT10, FFP15, GJL15, HKVV18, Lib06, LMS17, MM12, NC12, VZ19, Wro19, BMR09, BG09, Che14, CK00, Dal09a, ET01, EFL⁺04, EFW07, FFF05, GMS12, HLT07, JK09, KHST12, LT03, VM09, SV08].

Components [AKNZ17]. **Composition**

[AG19]. **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, AVD⁺19, ASP09, BMR09, Dal09a, Ser01]. **Computationally** [BCEO20, GHK08]. **computed** [LY07].

Computing

[BCD13, CJL13, GJKW17, HCMS13].

Concept [DHS16]. **Conceptual**

[AKRZ14, TSH15]. **concerning** [CFS10].

concrete [BD07a, Lut04, TZ04].

Concurrency

[AFMGMM16, DHL12, DHS16].

Concurrent [ALGN18, 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, GKNS19]. **Connectedness**

[KNPHZ13]. **connectives** [Fer11].

Conservative [Wro19, Bul11]. **consistency**

[BCM09]. **Consistent** [Fon15]. **Constant**

[GK18, IS06, DG07]. **Constant-Depth**

[GK18, IS06]. **Constrained** [FKN17].

Constraint

[BF13, BMT13, BJP17, DMM17, GF18, WDB13, Wro19, 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, BBGS20, GKNS19, 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].

Convergent [Rat04]. **Converse** [GLSG15].

Convolution [DHS16]. **Cookbook**

[AKRZ14]. **cooperation** [MN12].

Coordination [SI08]. **copying** [SV08]. **Coq**

[HCMS13]. **Coq/SSReflect** [HCMS13].

Correction [BG08a]. **Correctness** [Dra16,

GKNS19, LL15, Cha06, DGM04, KT03].

Cost [ACJ⁺18]. **Costs** [ST15]. **Counter**

[FCGQ20]. **counterexample** [CV10].

counterexample-guided [CV10].

counterexamples [SG07]. **Counting**

[CW16, HK15b, IS06, Kon09, Lib00b, Sch05].

Covering [PZ20]. **Craig** [CGS10]. **criteria**

[Vor01]. **Cryptographic**

[CCCK16, CLCZ10, SV08]. **CSL** [KM10].

CSP [CHN20, DKS17]. **CTL**

[SG07, ZHD14]. **Cube** [CC19]. **Curve**

[NC12]. **cycles** [CLCZ10]. **Cyclicity** [ZG14].

Data

[ACOS17, AKRZ14, DHL12, QS19, SDW14, BDM⁺11, JL11, Laz11, Tan14, YSG09].

databases [AMN⁺03, GHK08]. **datalog**

[BK10, CFS10, GPW10, ACF05, AKNZ17,

BBGS20, GGV02]. **Decidability** [BHM15,

DFO06, Fig12, MOK15, VH05, BDT10].

Decidable [CGT17, EŠ10]. **decide** [ST14].

Deciding [BG02, CLCZ10, CNNR03,

GLSG15, KKW10]. **Decision** [FFF15, LZ19,

NV19, BJW05, CV10, GS09, RV01].

Declarative [SJV12, GL13]. **Decomposed**

[PS17]. **Decomposing** [GJL15].

decomposition [BG11b, MV04].

decomposition-based [MV04].

Deconstructions [CM17]. **decorated**

[BFV04]. **Deduction** [Gul18]. **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]. **Dependencies** [BB20]. **Dependent** [LW15, SBTM06]. **Depth** [BKV15, EEH17b, GK18, BSH10, IS06]. **Depth-Bounded** [EEH17b]. **Description** [ACOS17, AKRZ14, DNR02, KRH13, BGL12, CDL08, EILS11, Lut04, ST14, WZ08]. **descriptions** [Ber04]. **Descriptive** [VZ19]. **Detecting** [CGT17]. **detection** [AGP07]. **Deterministic** [AL04, HK15a, Mam16, Sei18]. **Diagonal** [CGL16]. **Diagrams** [NV19, KS13b]. **Dichotomies** [HLPW20]. **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]. **Do** [HSTW20]. **Does** [Pra13]. **Domain** [SBTM06, DMS06]. **Domain-dependent** [SBTM06]. **Domains** [SJV12, AR04, GRS05, HW10, Lut04]. **Dominance** [KKLJU14]. **Downward** [Fig12]. **DPLL** [BGL13, Lib06]. **Driven** [AKS13, FFF15]. **Dual** [HTAC19]. **Dualities** [CFMP19]. **Duality** [FF20, BBH⁺14]. **duration** [CDKM13]. **Durations** [BDR08]. **Dynamic** [BB20, FS15b, Sch15, BERS04, FD14, GMS12, GK08, KB11, SYY⁺03]. **Dynamical** [BHM15].

Editorial [ALP02, AKS01, Apt05, BMR09]. **Effect** [PS17]. **Effectful** [GMS20]. **Effective** [BTV16, KS17, BJW05, KHST12]. **effects** [WT03]. **Efficient** [CGS10, KKLJU14, Rat06, BGV01]. **Efficiently** [GLSG15]. **Eilenberg** [AMMU19]. **Elementary** [MOK15, AJ05, CM06]. **Eliminating** [Avi03]. **Elimination** [GGS20, Cra07]. **Email** [SA13]. **Embedding** [DEPT11]. **Embeddings** [CG18]. **emptiness** [Tri09]. **encryption** [CKRT08]. **enriched** [AL10]. **entailments** [Ari07]. **Enumeration** [KS13a]. **environment** [BD07a, PQ07]. **Epistemic** [CKPP12, CFP⁺19, HV18]. **Equality** [MM12, Pit20, BGR14]. **Equation** [KRW12]. **equational** [AFIL09]. **Equations** [San17]. **Equilibrium** [SJV12]. **Equivalence** [ALGN18, BMS13, CCCK16, CC19, 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, LMTV19, Che14]. **Expansion** [BB20]. **exponentials** [BG11b]. **exponentiation** [CKRT08]. **Expressions** [GN12]. **Expressive** [DD16, DGM12, GL13]. **Expressiveness** [BMM⁺19, FCGQ20, ZZ17, BDT10]. **EXPTIME** [AE09]. **Extended** [BB17, LF01]. **Extending** [CPV09, MNPS20, 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]. **Fall** [DMP18]. **Fast** [LMTV19, MO06, BK10]. **Faster** [DHKP17]. **FDNC** [EŠ10]. **feasibility** [IS04]. **feature** [Mie04]. **Field** [ZG14]. **Field-Sensitive** [ZG14]. **Fields** [AVD⁺19]. **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, TOD20, WDB13, Avi03, Bau14, GS00, GS02, Lib03, Rat04, Sch05]. **First-Order** [AZZ14, EGT16, GJL15, HK15b, Kar13, KT15, MM12, WDB13, DG12, DG07, FHK00, GHK08, TOD20, Avi03, Bau14, GS00, GS02, Lib03, Rat04, Sch05]. **Fixed** [Bae12, GGS20, LT03, DGK04, HW10]. **Fixed-parameter** [LT03]. **Fixed-point** [GGS20]. **Fixpoint** [CGWW15, SV18, SSS12, VGD06, VGD07]. **Flat** [SV18, SV08]. **Flow** [NT17, JK09]. **Floyd** [AMMO09]. **Floyd-Hoare** [AMMO09]. **FO** [BS09]. **Focalization** [Sim14]. **Focusing** [Bur20]. **Formal** [Kra15, GMS12, Gui09]. **Formalizing** [SPNS14]. **formally** [ADGR07]. **formats** [BFV04]. **Forms** [RMV17, HP05]. **Formula** [HLM13, AI03]. **Formula/Literal** [HLM13]. **Formulae** [MBRS20, Ari07]. **Formulas** [BLRC⁺19, DKS17, AD14, GS00, LR06, Sub04]. **forth** [GHO02]. **Forward** [FF20]. **Foundational** [CS08]. **foundations** [GL13]. **Founded** [BVD16, EILS11, WZ05]. **Fragment** [HRW17, HLPW20, 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** [CCDD20, BGR14, HV05]. **Freedom** [KE19]. **freeze** [DL09]. **Frege** [BB17, BSH10, GK18, IS06]. **full** [ST14]. **fully** [LA13]. **Function** [CGT17, AE09, EŠ10]. **functionals** [BK02]. **Functions** [CGI⁺18, NSM18, AE09, Avi03, BGV01, Pau06]. **Fürer** [PSS18]. **fusion** [Lia05]. **Fuzzy** [FPS14, SJV12].

G3i [FFF15]. **Game** [CS20, FMS16, GKR18, Pla15, DH02, MN12, SG07]. **game-based** [MN12, SG07]. **Game-Theoretic** [GKR18]. **Games** [BPT14, BMM15, CD14, CKPP12, LPR18, MW15, Pla17, AL04, BSH10, CHH09, CDH11]. **General** [BGM14, ZZ17, AMMO09, SYY⁺03]. **Generalized** [AMMU19, MBN12, SBSM13]. **Generalizing** [BCM09]. **Generation** [CKK17, AR04, CGS10]. **generators** [AL04]. **Generic** [BCD13, MT05]. **Geometry** [Ham18, Dal09b]. **Glabbeek** [Ham18]. **goal** [Sto05]. **goal-directed** [Sto05]. **Gödel** [Gul18]. **Good** [CS20, BMS⁺11]. **governed** [ASP09]. **GPU** [KI17]. **Graded** [BMM12]. **Grammars** [EEH17a]. **Graph** [ACOS17, BM17, CM17, Tan13, DZ13]. **Graph-Structured** [ACOS17]. **Graphs** [Sei18, Lyn05, Moy09, Sze11, Tri09]. **Greatest** [Bae12]. **Ground** [CGT17, GL14, Bou09, VH05]. **Guarded** [BTV16, HLPW20, KT18, DLS01, GHO02, HVV08]. **Guards** [KT18]. **Guest** [BMR09]. **guided** [CV10].

Hájek [BM08]. **Halpern** [BKMV⁺17]. **Handling** [BF13, GF18]. **Happen** [AFMGMM16]. **Hard** [Fon15, HSTW20, SUWC16]. **Harrington** [CGL16]. **Having** [Sim15]. **Heads** [DGM12]. **heap** [YRSW07]. **Hellman** [CKRT08]. **Help** [Pra13]. **Herbrand** [McK13].

Hercules [LOW16]. **Heterogeneous** [DKS06, Pit20]. **Hierarchies** [DK12, Han18]. **Hierarchy** [BKV15, CM17, GL14, KT15, KS15, KS17, Kon09]. **Higher** [AVD⁺19, CHRW13, JR15, Kar13, KS15, LV12, MP03, Pie09, CPV09, Dal09b, IS04, MM02]. **Higher-Order** [AVD⁺19, CHRW13, JR15, Kar13, LV12, MP03, Pie09, CPV09, Dal09b, MM02]. **highly** [GJ12]. **Hoare** [AMMO09, CK00, KI17, Koz00, Mam16]. **Homological** [PDHR14]. **homology** [HCMS13]. **Homotopies** [KS15]. **Homotopy** [Soj16]. **Horn** [BKMV⁺17, HRW17, KRH13, Lib00a, MBN12, MO12]. **Hughes** [Ham18]. **Hybrid** [AKS13, Pla17]. **Hydra** [LOW16]. **hypersequent** [MOG05]. **Hypersequents** [CG18]. **Hypotheses** [KKLJU14]. **Hypothesis** [LSS04]. **Hypothesis-based** [LSS04].

Idempotent [CK20]. **Identifying** [KKLJU14]. **Identity** [Van18b, vdBG12, ST14]. **II** [BG07a, Jap06b]. **III** [BG07b]. **Image** [PDHR14]. **IMLL** [MO06]. **Immerman** [PSS18]. **Implementation** [SSS12, MV04]. **Implicit** [GMR12, BMR09]. **implies** [Cha06]. **Improved** [BB14]. **improvement** [BB14]. **Inadequacy** [BG01]. **Inclusion** [FKL15, Han18, HKMV20, BAGM10]. **Incomplete** [BLRC⁺19, YSG09]. **incompleteness** [Sal03]. **increasing** [AS02]. **Incremental** [CGI⁺18, DLS01]. **independence** [Lib03]. **Index** [FMS16]. **indexed** [LB07]. **indexing** [Pie09]. **Indistinguishability** [BCEO20]. **Induction** [FKN17, Sak05]. **Inductions** [BVD16]. **Inductive** [WDB13, DBM01, DT08, LF01]. **inequality** [Rat06]. **inexpressibility** [BK10]. **Inference** [AGM13, Wro19, ZG14, BD07b, BG09, CM06, GM02, MO12, VV07]. **Inferring** [GK08]. **Infinite** [CHS14, CHS15, Tan13, BMT13, NSV04].

Inflationary [DGK04]. **infos** [GN11]. **Information** [FL20, NT17, KB11]. **initial** [LvdMR00]. **Inner** [DD15]. **Inputs** [CHN20]. **Instances** [DKS17]. **Instantiation** [EP13]. **Integers** [BLRC⁺19, BJW05]. **intelligence** [Cha06]. **intelligence-related** [Cha06]. **Interaction** [BFW03, Ham18, Sei18, ACG⁺08, BG11b, Gug07]. **Interactions** [MW15]. **Interactive** [Bd12, Kra15, BG06, BG07a, BG07b]. **interiors** [MO12]. **interpolants** [CGS10]. **interpolating** [BGR14]. **Interpolation** [BTV16, BGR14]. **Interpretation** [MZ17]. **Interpretation-Based** [MZ17]. **interpretations** [BBC02, MP09]. **Intersection** [GN12, Van18a, DCHA03, DCDGT10]. **intersection-type** [DCHA03]. **Interval** [BGLC04, BMM⁺19, BKMV⁺17, DHS16, HGS07]. **intractability** [CFS10]. **Intruder** [BCD13]. **intuitionism** [LM02]. **Intuitionistic** [AR02, BBDFD20, FFF12, FF20, GGS20, Kra15, DST13, FFF05]. **Invariant** [EEH17b, GS00]. **invariants** [BG01]. **Isabelle** [Pau00]. **Isomorphism** [VZ19]. **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, TOD20, 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**
 [AMMU19, BL16, EEH17a, Wro19, BLN07,
 BS09, CDH10, GL13, GHK08, GMS12,
 Mur05]. **Lattice** [HK15a, BMT13]. **lattices**
 [SS07]. **law** [Lyn05]. **Lax**
 [Han18, HKMV20, Rab15]. **Layer**
 [FMZV15]. **Layers** [NDH19]. **Learning**
 [NSM18]. **Least** [Bae12, KS13b]. **left**
 [AFIL09, MR03]. **length** [Sub04]. **LF**
 [HP05, UCBl1]. **LICS** [GHJP03, Kol05].
Light [AR02]. **like** [Sub04]. **Limit**
 [BCKL19]. **limitation** [Cha06]. **limitations**
 [Rab07]. **Limited** [BBGS20]. **Limiting**
 [BL16]. **Limits** [CR16]. **Linear**
 [Bae12, BBDFD20, BF13, BLRC+19, FPS14,
 HK15b, Les18, ST15, YLYF14, BBS07,
 BJW05, CDKM13, Dal09a, Dal09b, GGV02,
 HV05, KRS05, KV05b]. **Linear-Logic**
 [BF13]. **Linear-Time** [YLYF14, BBS07].
Linearizability [SDW14]. **Linearization**
 [CGI+18]. **Linking** [Bur20]. **Lipton** [BM10].
Liquid [MNPS20]. **lists** [DPR08]. **LITE**
 [GGV02, WWT15]. **Literal** [HLM13].
Livelock [KE19]. **Livelock-Freedom**
 [KE19]. **Liveness** [EFH14, HSTW20]. **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, BMM+19, BKMV+17,
 CGT17, CDG15, CHRW13, CW16,
 CGWW15, CMVT12, CES14, CPRW16,
 DD15, DD16, DBM01, DHS16, Dra16, DK12,
 EIP20, EGT16, FL20, Fer11, FS15a, FP17,
 FF20, FPS14, GS13b, GKR18, Gul18, GN11,
 GC12, Han18, HKMV20, HTAC19, HV18,
 Kar13, KP18, KH17, Kra15, KS17, LOW16,
 LMS17, MM12, Mam16, MW15, MBRS20,
 MSS14, Pla15, RS14, SJV12, SSS12, SDSS13,
 SPNS14, SFL17, TOD20, 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].
logic [HV05, IS04, Jap06a, Jap06b, KR02,
 Koz00, KT03, LF01, Lia05, LPV01, LT03,
 LSS04, Luk01, MR03, RW05, Sak05, SH07,
 SKGST09, Sch05, SPSS11, SYY+03, Sze11,
 Tan14, VDS01, WZ05, ZHD14, AR02,
 DBM01]. **Logic-Based**
 [CES14, MW15, MBRS20]. **logic-enriched**
 [AL10]. **Logical**
 [BDT10, BLN07, BHM15, BFHH17, CR15,
 GL13, RS13, YRSW07, Kon09, MM02].
Logics [ACOS17, AKRZ14, BBDFD20,
 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 [FCGQ20, GMS20, BD07a,
 BG03a, BG08a, Gur00, NSV04]. **Made**
 [BK12]. **maintenance** [FL20]. **Making**
 [GRS05]. **MALL** [Ham18]. **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]. **Mediated** [HLPW20]. **Meets** [AO19]. **MELL** [LS15]. **merge** [AFIL09]. **Mergesort** [LL15]. **Merging** [CPRW16, HRW17, Lib16]. **Messages** [CCDD20]. **metalogical** [BCM04, CS08]. **metaquerying** [ABEZIP03]. **metatheory** [UCB11]. **Method** [CDG15, MBN12, MP09]. **Methods** [BCEO20, NT10, Vor01]. **Metric** [LOW16, FR10, KWS⁺03, TZ04]. **Minimal** [Wro19, DNR02]. **minimization** [BBH⁺14, BG03b]. **Minimizing** [HK15a]. **Minimum** [RW05]. **Minkowski** [LPR18]. **MITL** [MBRS20]. **MKNF** [AKS13]. **MLL** [MO06]. **mobile** [DL04]. **Modal** [DMP18, GJL15, HKMV20, KP18, MOK15, NDH19, NNN11, Pra13, DGK04, DL04, DST13, FFF05, GHO02, Lia05, NPP08, SH07, SP09, TM10, Vor01, WZ08]. **Modalities** [LP19]. **moded** [BERS04]. **Model** [ASSB00, BCKL19, BGS16, BMM⁺19, BBD03, CHN20, CDG15, DHKP17, DSTW13, EvdHK⁺20, EY12, FCGQ20, KP18, LW15, MBRS20, MMPV14, WWSL16, YLYF14, ZZ17, AELP01, BMS⁺11, BDR08, GGV02, JNS⁺06, LLM⁺07, LW10, RW05]. **Model-Checking** [EvdHK⁺20, MMPV14, YLYF14, ASSB00, BDR08]. **Model-Theoretic** [DSTW13]. **modeling** [CLS07, ET06]. **Modelling** [AKRZ14, HTAC19]. **Models** [RS14, vdBG12]. **Modular** [HCGT18, Rab18, AAD11, Sto05]. **Modularisation** [LP19]. **modularity** [VGD06, VGD07]. **Modulo** [CGI⁺18, ST15, CGS10]. **Monadic** [BBGS20, EGT16, FP17, GPW10, Mam16, Sze11, KS13a]. **monads** [WT03]. **Monodic** [DFK06]. **Monotone** [BVD16]. **Morgan** [HTAC19]. **Morphisms** [Rab15]. **Most** [CJL13]. **motion** [BGLC04]. **MSO** [EH01]. **MTL** [FCGQ20]. **Mu** [DMP18]. **Mu-Calculus** [DMP18]. **multi** [Lia05]. **multi-agent** [Lia05]. **Multiagent** [HKO19, GS09, LvdMR00]. **multiary** [SP11]. **multicast** [BMRS10]. **Multicriteria** [KKLJU14]. **Multigranulation** [KP18]. **Multiple** [DGM12, PKW12]. **multiplicative** [HV05]. **multiplicative-additive** [HV05]. **Multirelations** [FS16]. **multisets** [DPR08]. **multivalued** [LSS04]. **MWeb** [AAD11]. **mwp** [JK09]. **mwp**-**bounds** [JK09]. **named** [VV07]. **Names** [HTAC19, KHST12]. **Narrow** [ALN16, BCMS18]. **Natural** [CFMP19, LL15]. **Nature** [CS20]. **Negated** [Van18a]. **Negation** [GKNS19, CSN05, DNR02, RW05, ST14]. **negation-as-failure** [RW05]. **Negotiations** [SPNS14]. **Nested** [CHO17, EP13, Kar13, AE09, CEG05, VV07]. **Nets** [BFHH17, CC19, Ham18, McK13, HV05, MO06]. **Network** [SBSM13]. **NEXP** [Lut04]. **No** [DD16, Sim15]. **Nominal** [FF18, HTAC19, LV12, DG12]. **Non** [BLRC⁺19, FD14, HTAC19, LP19, Sei18, AS02, GK08]. **Non-Commutative** [HTAC19]. **Non-Deterministic** [Sei18]. **Non-finite** [FD14]. **Non-Linear** [BLRC⁺19]. **Non-normal** [LP19]. **non-size-increasing** [AS02]. **non-suspension** [GK08]. **Nonconstructive** [Bd12]. **Nondeterministic** [LWG13, Mam16, BBS07]. **Nonelementary** [LS15]. **nonground** [DEPT11]. **Nonlinear** [CGI⁺18]. **nonmonotone** [DT08]. **nonmonotonic** [BO02, ET01, EFST05, EŠ10, GGOP09, Sak05]. **Nonuniform** [CSS10]. **norm** [ASP09]. **norm-governed** [ASP09]. **Normal** [JR15, LP19, 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].

Numerical [NV19].

objects [BBC02]. **Observation** [CD14]. **Obtain** [Fon15]. **Off** [CGL16]. **Off-Diagonal** [CGL16]. **Omega** [LW10]. **Omega-** [LW10]. **One** [CJL13, CM17, FCGQ20, HK15b, Sim15, SV08]. **One-Counter** [FCGQ20]. **One-Step** [Sim15]. **One-Variable** [HK15b, SV08]. **Ontology** [HLPW20, WWT15]. **Ontology-Mediated** [HLPW20]. **Open** [HVV08]. **Operational** [GF18]. **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, AVD⁺19, CHRW13, EEH17b, EGT16, FP17, GJL15, HK15b, JR15, Kar13, KT15, LV12, MM12, WDB13, AJ05, Avi03, BKZ20, Bau14, BB14, CPV09, Dal09b, DG12, DG07, FHK00, GHK08, GS00, GS02, KS13a, Lib03, MM02, MP03, Pie09, Rat04, Sal03, Sch05, Sze11, Tan14, TOD20]. **Order-Invariant** [EEH17b, GS00]. **Ordered** [BL16, BGS16, EvdHK⁺20, NV19, CNNR03]. **orderings** [BG08b]. **orders** [KRS05]. **Ordinary** [BG06, BG07a, BG07b]. **Other** [CLSZ15, BCM09]. **Out-of-order** [BKZ20]. **Outlier** [AGP07]. **Output** [BCP17]. **Outputs** [CHN20]. **Overlooked** [LW15].

Paraconsistent [Ari07, CLSZ15]. **Parallel** [AFMGMM16, ACJ⁺18, GKNS19, SDSS13, BG03a, BG08a, PQ07]. **Parallel-Correctness** [GKNS19]. **parameter** [LT03]. **Parameterized** [AK15, BGL13, DKS17, KE19, LDJ⁺18]. **Parametric** [AELP01, BDR08]. **Parametrised** [LMS17]. **Paris** [CGL16]. **Parity** [BPT14, GK18, AD14, CDH11]. **Partial** [CD14, BG08b, KT03, TZ04]. **Partial-Observation** [CD14]. **partiality** [JNS⁺06]. **Partially** [BGS16]. **passing** [Ber04, GM09b]. **Path** [Van18b, BFW03]. **Paths** [DMP18]. **pattern** [MP03]. **PCL** [GGOS09]. **Pebble** [BGMZ14, Tan13]. **Pebbling** [Nor12]. **PELCR** [PQ07]. **Perfect** [BJP19, Kra15]. **Permissive** [DG12]. **Permissive-nominal** [DG12]. **persistence** [ACF05, CFS10]. **Persistent** [BG11a, HCMS13]. **Perspective** [LV12]. **Petri** [BFHH17, CC19]. **Phase** [LWG13, WWSL16]. **Phylogeny** [BJP17]. **Piece** [NSM18]. **Piece-Wise** [NSM18]. **Piecewise** [GGKT12]. **Plane** [Try16]. **planning** [AM01, BGLC04, EFL⁺04, SBTM06]. **PLP** [She08]. **Point** [BMM⁺19, GGS20]. **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** [CFVZ20, CR16, DGM12, NS15]. **Precongruence** [BFV04]. **Predicate** [ET06, LB07]. **Predicate-calculus-based** [ET06]. **Predicates** [EIP20, 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]. **Private** [HTAC19]. **Probabilistic** [CFP⁺19, DH02, DNS00, EY12, FFP15, HGS07, LT09, LLM⁺07, Luk01, MSS14, SSS12, SDSS13, SPAV15, BBS07, DKS06, ILNR09, SPSS11]. **Probability**

[BCP17, CR15, TOD20]. **Problem** [BHM15, DMM17, MMPV14, SJV12, Wro19]. **Problems** [ADGV14, BB17, BJP17, DHL12, FMS16, GGKT12, PSS18, SBSM13, ABEZIP03, Bul11, CSS10, ET06, GNT04, WZ08]. **Procedural** [FKN17, CPV09]. **Procedure** [FFF15, LZ19, BJW05, RV01]. **Procedures** [AKS13, BGL13, ABR09, 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, SY⁺03, VDS01, WZ05]. **Progression** [PS17]. **promise** [DT10]. **Proof** [AO19, BM08, CGL16, ET01, Ham18, HV05, LL15, McK13, SDW14, TM10, TG18, ADGR07, BG09, DST13, MT05, MO06, Sto05, Vor01]. **Proof-complexity** [ET01]. **Proof-Nets** [Ham18]. **proof-search** [Vor01]. **Proofs** [ALN16, BPT14, BB17, Bd12, BCMS18, GM09b, Kra15, NDH19, 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, FF20, GGS20, HK15b, HKVV18, HLM13, Jap06a, Jap06b, Van18b, BO02, BGV01, CEG05, CK00, DT10, Fer11, GN11, LA13, LS07]. **propositions** [DST13]. **protocol** [MN12]. **Protocols** [CCCK16, CCD15, CCDD20, AM01, CKRT08, CLCZ10, KKW10, SV08]. **Provability** [FF20]. **prove** [Hes05]. **prover** [OPS07]. **Proving** [DGM04, FMZV15, LDJ⁺18, NC12, MR03, Vor01]. **PSPACE** [Bau14, GMR12, SP09]. **PSPACE-complete** [Bau14]. **public** [CKRT08]. **Pudlák** [BSH10]. **Pure** [HS10, LZ19]. **Pushdown** [CCD15, CLLM19, FKL15, HMOS17, Kar13]. **QBF** [BCMS18, BB20]. **QoS** [BMRS10]. **QSQR** [MBN12]. **Qualitative** [CDH11, ILNR09]. **Quantification** [SUWC16, KR02]. **Quantified** [DMM17, Ari07, BCM09, Rat06]. **Quantifier** [BKV15, BGR14, DL09]. **Quantifier-free** [BGR14]. **Quantifiers** [HTAC19, AD14, Rat04, Sch05]. **Quantitative** [CDH10, Les18, MW15, MM07]. **Quantum** [ALGN18, FDY14, YLYF14, YFDJ09]. **Queries** [AKN17, CM17, GKNS19, NSST18, BDT10, BG11a, Che14, CSN05, DG07, GS02, KS13a]. **Query** [AKS13, BL16, Fon15, LMTV19, SDSS13, BLN07, CDL08, GHK08, GGV02]. **Query-Driven** [AKS13]. **Querying** [HLPW20]. **queues** [RV01]. **R** [GF18]. **Ramsey** [CGL16, EIP20, 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** [CLLM19, GGKT12, Tan13, ZG14]. **Real** [Try16, Rat06]. **Realizers** [Bd12]. **reals**

[BJW05]. **Reason** [FL20]. **Reason-maintenance** [FL20]. **Reasoning** [BMM15, BJP19, CMVT12, EFST05, HKO19, ILNR09, KP18, MM02, MMPV14, Sch15, She08, SFL17, TSH15, TOD20, Ari07, BK10, ET01, FHK00, GOP09, LPF⁺06, MN12, NT10, YSG09]. **Recall** [BJP19]. **Recognition** [SPAV15]. **Reconstruction** [Rab18]. **Recursion** [HMOS17, Mam16, AE09, BG02, Dal09b, Kaw09]. **Recursive** [EY12, She08]. **Recycling** [LY07]. **Reduce** [NSST18]. **Reduced** [NV19]. **Reduction** [BB20, PDHR14, CM06, DZ13, PQ07]. **reductions** [BGV01]. **redundancy** [Vor01]. **redundant** [CLS07]. **refinement** [BG02, CV10, SG07]. **Refinements** [NDH19]. **Refining** [GL14]. **Reflective** [BCM04]. **Refutation** [FF20]. **Refutation-search** [FF20]. **refutations** [IS06, Sub04]. **Region** [Try16]. **Region-Based** [Try16]. **Register** [QS19, CLLM19, DL09]. **Regular** [BS09, GN12, BBS07, CHH09, LW10]. **Related** [KT18, Cha06]. **Relating** [DMP18]. **Relation** [KKLJU14]. **Relational** [NSST18, AMN⁺03, VV07]. **Relations** [BM17, CR15, EFH14, GM02, RS13]. **Relative** [Nor12]. **Reliable** [YSG09]. **Removing** [CLS07]. **replacement** [CT06]. **Representation** [AG19, ABGM01, LPF⁺06]. **representations** [Lib00a]. **Representing** [MSS14]. **Resolution** [BCMS18, Bur20, FLM⁺15, NDH19, Nor12, DFK06, FDP01, Lib06, Sub04, ZHD14]. **Resource** [AGM13, BK02, HP03, Moy09]. **Resource-bounded** [BK02]. **Resource-distribution** [HP03]. **resources** [MP09]. **result** [BM10]. **Results** [MM07, ABGM01, ABRS09, CKRT08, CFS10, DFO06, ET01, Lib06, VGD06, VGD07]. **Revision** [WWT15, Lib00a]. **revisited** [DBM01, FHK00]. **Revisiting** [KR02]. **Rewrite** [GL14, RMV17, ABRS09, CNNR03, GNT04, LY07]. **rewrite-based** [ABRS09]. **Rewriting** [FF18, FKN17, Sim15, GK09, KS13b, SKGST09, VH05]. **Rigid** [EEH17a]. **Rings** [KE19]. **Robust** [GC12]. **Role** [BM17, ST14]. **Rosser** [KS13b]. **Rough** [KP18]. **routing** [BMRS10]. **Rule** [CJL13, AR04, AAD11]. **rule-based** [AR04]. **Rules** [BF13, CR16, CG18, FFF12, GF18, LMTV19, Ber04]. **Runtime** [BKZ20]. **Safe** [CC19, AE09, Lib07]. **Safety** [EFH14, Laz11, LOW16]. **sampling** [FR10]. **SAT** [HS15, LOS19]. **Satisfaction** [BJP17, DMM17, BMT13, Bul11, CSS10]. **Satisfiability** [CDG15, CGI⁺18, FCGQ20, HKMV20, KT18, LMS17, Pra13, ABRS09, BV02, CGS10, JL11]. **satisfy** [CHK08, CHK10]. **Scenarios** [CKK17]. **scheduling** [BERS04, GK08]. **Schemas** [DHL12]. **Schemes** [EP13, HMOS17, Mam16]. **Schönfinkel** [EIP20]. **SCIFF** [ACG⁺08]. **Search** [BB17, BGL13, CKK17, vHPP00, BM08, ET06, FF20, MV04, Sto05, TM10, Vor01]. **Second** [EGT16, FP17, AJ05, BB14, KS13a, Sze11]. **Second-Order** [EGT16, FP17, AJ05, BB14, KS13a]. **Secrecy** [TSH15]. **Secrecy-preserving** [TSH15]. **Security** [CCD15, CCDD20, AM01, CKRT08, CLCZ10]. **Selection** [Bur20]. **Self** [KE19]. **Self-Stabilization** [KE19]. **Semantic** [HKVV18, WWT15, Ber04, LA13, MP09, EILS11]. **Semantical** [EFW07]. **Semantics** [GF18, GS13b, GKR18, Han18, HKMV20, LWG13, ZZ17, AAD11, BFV04, Dal09a, DH02, EILS11, GM09a, JNS⁺06, LT03, LSS04, RW05, VGD06, VGD07, WZ05, EFL⁺04]. **semi** [BMT13]. **semi-lattice** [BMT13]. **Semicomplete** [DMM17]. **sensing** [ILNR09, Rei01]. **Sensitive** [ZG14].

Separating [DD16]. **Separation** [DD15, DD16, DHS16, EIP20, HCGT18, PZ20]. **sequence** [Lyn05]. **sequences** [KHST12]. **Sequent** [BO02, HCGT18, LZ19, LP19, MOG05, LA13, OPS07, SP11, Vor01]. **Sequential** [Gur00]. **sequentiality** [BK02]. **Set** [AZZ14, BVD16, DSTW13, GS13b, KP18, WWSL16, EFW07, HVV08, SI08, SBTM06]. **Set-Inductions** [BVD16]. **Sets** [BGS16, BMT13, DFO06, DPR08, DG12, Sak05]. **Shallow** [RMV17]. **Shoham** [BKMV⁺17]. **Short** [BCMS18]. **signed** [Ari07]. **signing** [KKW10]. **Simple** [BCMS18, KP18]. **Simplicial** [vdBG12]. **Simplification** [FFF12]. **simply** [BERS04]. **simulate** [IS06]. **Simulation** [BG03b, Hes05, Tri09]. **Simulation-based** [BG03b]. **simulations** [GV04]. **Simultaneous** [Bou09]. **single** [SV08]. **singleton** [Cra07, SH06]. **situation** [Rei01]. **Size** [NV19, AI03, AS02, GL10, KS13b, Kla08]. **size-degree** [GL10]. **Skolem** [Avi03, BHM15]. **Slicing** [MZ17]. **Small** [DKS17, FLM⁺15, BG06, BG07a, BG07b]. **small-step** [BG06, BG07a, BG07b]. **SMT** [BLRC⁺19]. **Social** [SBSM13]. **societies** [ASP09]. **Soft** [BMR06, BMRS10]. **soft-constraint** [BMRS10]. **software** [Cha06]. **Solutions** [MSS14, San17]. **Solve** [SBSM13]. **solvers** [AR04]. **Solving** [BLRC⁺19, SJV12, BGLC04, DPR08, ET06, KV05a, Rat04, Rat06]. **Some** [GK18, IS04]. **Sound** [BMS13, Cra07, SDW14, AMMO09]. **Space** [FLM⁺15]. **Spaces** [KNPHZ13, KWS⁺03]. **spatio** [GHK08]. **spatio-temporal** [GHK08]. **Spawns** [CM17]. **Special** [CC19, GHJP03, KM10, Kol05, BMR09]. **specification** [CHK08, CHK10, TZ02]. **Specifications** [BCHK14, Bou09, Hes05, SV10, TM10]. **specified** [Lyn05]. **Specifying** [ASP09]. **Spectra** [KT15]. **Splittable** [TG18]. **Splitting** [VGD06, VGD07]. **SSReflect** [HCMS13]. **ST** [BG02]. **Stability** [LL15]. **Stabilization** [KE19]. **Stable** [ZZ17, JNS⁺06]. **standard** [OPS07]. **State** [GMS20, NSST18, BG03a, BG08a, EFL⁺04, EH01, Gur00, Mur05, NSV04]. **Statecharts** [LM02]. **static** [MP09]. **Statistical** [DHKP17]. **Step** [Sim15, BG06, BG07a, BG07b]. **steps** [LM02]. **STGLAs** [Ber04]. **Stochastic** [CD14, HKO19, BBD03]. **Strategic** [BJP19, MW15, GS09]. **Strategies** [CKPP12, MMPV14, GK09, MV04, vHPP00]. **Strategy** [CS20, HV18, PDHR14, Sim15, KKW10]. **Streams** [BKZ20, Sau10]. **Strength** [EFH14, Nor12, CT06]. **Strict** [HKMV20, Van18a, MP03]. **string** [EH01]. **strings** [NSV04]. **Strongly** [LPV01]. **Structural** [CR16, KRW12, Sim14, LA13]. **structure** [BG11b, Gug07]. **Structured** [ACOS17, GJ12]. **Structures** [EEH17b, EvdHK⁺20, NS15, SDW14, DG07, GPW10]. **Stuttering** [GJKW17]. **style** [GM09b]. **Subatomic** [TG18]. **Subgraph** [VZ19]. **Subsets** [DKS17]. **Substitution** [NS15, Pie09]. **Substructural** [KT03]. **Substructures** [BMM15]. **Subsystems** [GK18]. **Successor** [PZ20]. **Succinctly** [MSS14]. **Succinctness** [EEH17b, GN12]. **Sup** [MP09]. **Sup-interpretations** [MP09]. **Super** [BDP04, MSS14]. **Super-Solutions** [MSS14]. **Superposition** [HW10]. **Support** [CJL13]. **suspension** [GK08]. **Symbolic** [BCEO20, Ber04, FDY14, HMR05]. **Symbols** [CGT17, Eš10]. **Synchronizing** [QS19]. **syntactic** [DZ13]. **syntactical** [AS02]. **Syntax** [BZWS18, MM02]. **Syntax-Preserving** [BZWS18]. **Synthesis** [CDG15, GS13a, NSM18]. **System** [Sim15, BG11b, CHK08, CHK10, Gug07, Gui09, LPF⁺06]. **Systems** [ALGN18, CG18, CLLM19, CR15, DMP18, EY12, FMZV15, GS13a, GGKT12, GL14, HKO19, KRW12,

RMV17, Sch15, TG18, YLYF14, BBS07, CNNR03, GNT04, GS09, HMR05, IS06, KB11, LA13, LY07, LvdMR00, VH05].

Tableau

[CDG15, GS13b, GGOS09, GS09, ST14].

Tableau-based [GS09]. **Tableaux**

[FFF12, GGOP09]. **tabling** [VDS01].

Taming [CLSZ15, FS16]. **Tautologies**

[CGL16]. **Team** [HKVV18]. **Technique**

[SDW14, VH05]. **Techniques** [BLRC⁺19].

Temporal [AKRZ14, BBDFD20, BCHK14,

BMM⁺19, BKMV⁺17, CDG15, DHKP17,

FPS14, GKR18, GC12, HK15b, LOW16,

LMS17, MSS14, SSS12, AELP01, BK10,

DFK06, DKS06, FDP01, FR10, GL13,

GHK08, SPSS11, ZHD14]. **Term**

[RMV17, CNNR03, GNT04, KS13b, Pie09,

RV01, SKGST09, VH05]. **Terminating**

[RS14]. **Termination**

[BERS04, GK09, JR15, VDS01, BG08b,

MR03, SKGST09, SYY⁺03]. **Terms**

[Les18, DG12, GGSS11, SP11]. **Testing**

[CHN20, CDG15, LLM⁺07]. **tests**

[GM09b, Koz00]. **their**

[ACF05, CFS10, KB11]. **Theorem**

[AG19, AMMU19, McK13, PZ20, ADGR07,

BAGM10, OPS07, NC12]. **Theoretic**

[DSTW13, GKR18]. **Theoretical** [NV19].

Theories

[EP13, GJL15, LW15, PS17, ST15, BGR14, CEG05, CGS10, DZ13, DLS01, MO12].

Theory [BGM14, CHN20, GMS20, Kra15,

Rab15, Soj16, AL10, BG11a, DST13, FR10,

GV04, HP05, Mie04, MT05, NPP08, Ser01].

there [LR06]. **Three** [DZ13, RS14].

Three-Valued [RS14]. **Tight**

[BK12, VZ19, BM10]. **Time**

[CDG15, FPS14, GKR18, PSS18, YLYF14,

AS02, ASSB00, BBS07, CDKM13, FR10,

GM02, GGV02, KV05b, ZHD14, Lut04].

TIME-complete [Lut04]. **Timed**

[CLLM19, HSTW20, MBRS20, BDR08,

DGM04, LW08, Tri09]. **Timed-register**

[CLLM19]. **Tool** [BCD13]. **Topological**

[EFH14, KNPHZ13, Sal03, vdBG12, FD14,

GS02]. **Torus** [Soj16]. **tower** [AD14].

tower-type [AD14]. **TPTL** [FCGQ20].

trace [BFV04]. **tractability**

[BMS⁺11, BMT13]. **tradeoffs** [GL10].

Transcendental [CGI⁺18]. **transducers**

[EH01]. **transductions** [EH01]. **Transfer**

[Kra15, PZ20]. **transformation** [LF01].

Transition

[CR15, DMP18, WWSL16, HMR05].

Transitive [KT18]. **transitivity** [BV02].

Translating [BK12]. **Translation**

[GF18, SH07]. **Tree** [BL16, BBGS20,

EEH17a, GL14, BS09, BMM12, Sub04].

tree-like [Sub04]. **Trees** [BBC⁺16, CHS14,

CHS15, CW16, GLSG15, Kar13, BLN07,

JL11, KS13a, KRS05, Mie04, Pie09, Tan14].

Treewidth [Pra13, GPW10]. **Truly**

[BJP19]. **Trust** [HKO19]. **Twelf** [CS08].

Two

[BBC⁺16, BDM⁺11, CW16, DD15, DD16,

KT18, KS17, Soj16, BK02, EH01, Tan14].

Two-Variable [BBC⁺16, CW16, DD15,

KT18, KS17, BDM⁺11, Tan14]. **two-way**

[EH01]. **Typal** [Pit20]. **Type** [LW15, Rab18,

Soj16, AL10, AD14, BFW03, BK02, CM06,

DCHA03, HP05, NPP08, VV07]. **type-two**

[BK02]. **Typechecking** [AMN⁺03]. **Typed**

[BBC02, FF18]. **Types**

[Asp15, MNPS20, Pit20, Van18a, Van18b,

vdBG12, DCDGT10, IS04, SH06]. **Typing**

[CCDD20, Sau10].

ugly [BMS⁺11]. **Unbounded** [DHKP17].

Uncertain [FL20, SFL17]. **uncertainty**

[ILNR09]. **Undecidability**

[CFS10, LWG13, WZ08, Mur05].

Undecidable [HK15b, GJ12]. **Underlying**

[EFH14]. **Unfolding** [JNS⁺06]. **Unicast**

[BMRS10]. **Unification**

[GGSS11, LV12, CK20, SS07, WZ08].

Unified [BK12, LA13]. **Uniform**

[GMS20, DPR08]. **Unifying** [DHS16].

Uninterpreted [EIP20, BGV01]. **Union** [GKNS19]. **Unique** [San17]. **Uniqueness** [RMV17]. **unit** [HV05]. **unit-free** [HV05]. **UNITY** [Pau00]. **Univalent** [KS15]. **Universes** [KS15, LW15]. **Unprovability** [FF20]. **unranked** [BLN07]. **Unsatisfiable** [DKS17]. **Until** [BL16]. **Update** [HLM13]. **Updates** [CFP⁺19, Zha06]. **Upper** [AGM13, KS13b]. **Usage** [AGM13]. **Useful** [BK12]. **Using** [ACOS17, CFMP19, KKLJU14, ST14, SBSM13, SPNS14, BGV01, Pie09, Van18a].

Vacuity [GC12]. **Validity** [BBGS20]. **value** [Ber04]. **Valued** [RS14, SG07]. **Values** [BCHK14, Tan14]. **Variable** [BBC⁺16, BKV15, CW16, DD15, HK15b, KT18, KT15, KS17, Lib03, BDM⁺11, SV08, Tan14]. **Variables** [DD16, CPV09, Hes05]. **Variants** [KT18]. **Varieties** [AMMU19]. **VASS** [LS15]. **Vector** [CLLM19]. **Verifiable** [ACG⁺08]. **Verification** [BCEO20, BKZ20, BHM15, CCK16, CDKM13, CGI⁺18, KE19, LDJ⁺18, BGV01, MO06]. **verified** [ADGR07]. **Verifying** [AM01, BBS07, FKN17, SV08]. **versus** [TZ04]. **Via** [Asp15, BSH10, FKN17, GM02, GL14, Ham18, HP03, KHST12, MO06]. **View** [BFHH17]. **views** [AMN⁺03, BDT10]. **Visibly** [FKL15]. **vs** [BMM⁺19].

way [EH01]. **Weak** [CFVZ20, KV01, BG02, CT06]. **Weakness** [EFH14]. **Web** [AAD11, EILS11]. **Weighted** [AK15, BGMZ14, CHO17]. **Well** [BVD16, EILS11, GJ12, BG08b, WZ05]. **Well-Founded** [BVD16, EILS11, WZ05]. **Well-structured** [GJ12]. **Weyl** [AL10]. **Where** [EGT16, Lib07]. **Width** [FLM⁺15, HS15]. **Win** [CD14]. **winning** [CHH09]. **Wise** [NSM18]. **within** [CPRW16, HCMS13]. **without** [MM12]. **witnessing** [BB14]. **Word** [BM17]. **Words** [QS19, BDM⁺11, Laz11]. **Worst** [NV19].

Worst-Case [NV19].

XML [AMN⁺03, HGS07]. **XPath** [Fig12, JL11].

YAPA [BCD13].

Zeno [LOW16].

References

Analyti:2011:MPF

[AAD11]

Anastasia Analyti, Grigoris Antoniou, and Carlos Viegas Damasio. MWeb: a principled framework for modular Web rule bases and its semantics. *ACM Transactions on Computational Logic*, 12(2):17:1–17:??, January 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Angiulli:2003:CPM

[ABEZIP03]

Fabrizio Angiulli, Rachel Ben-Eliyahu-Zohary, Giovambattista Ianni, and Luigi Palopoli. Computational properties of metaquerying problems. *ACM Transactions on Computational Logic*, 4(2): 149–180, April 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Antoniou:2001:RRD

[ABGM01]

Grigoris Antoniou, David Billington, Guido Governatori, and Michael J. Maher. Representation results for de-feasible logic. *ACM Transactions on Computational Logic*,

- 2(2):255–287, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-2/p255-antoniou/p255-antoniou.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2001-2-2/p255-antoniou/>. [ACJ⁺18]
- [ABRS09] **Armando:2009:NRR**
Alessandro Armando, Maria Paola Bonacina, Silvio Ranise, and Stephan Schulz. New results on rewrite-based satisfiability procedures. *ACM Transactions on Computational Logic*, 10(1):4:1–4:??, January 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ACF05] **Afrati:2005:DPT**
Foto Afrati, Stavros Cosmadakis, and Eugénie Foutsoucos. Datalog programs and their persistency numbers. *ACM Transactions on Computational Logic*, 6(3):481–518, July 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ACG⁺08] **Alberti:2008:VAI**
Marco Alberti, Federico Chesani, Marco Gavanelli, Evelina Lamma, Paola Mello, and Paolo Torroni. Verifiable agent interaction in abductive logic programming: The SCIFF framework. *ACM Transactions on Computa-*
- tional Logic*, 9(4):29:1–29:??, August 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Albert:2018:PCA**
Elvira Albert, Jesús Correas, Einar Broch Johnsen, Ka I. Pun, and Guillermo Román-Díez. Parallel cost analysis. *ACM Transactions on Computational Logic*, 19(4):31:1–31:??, December 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3274278.
- [ACOS17] **Ahmetaj:2017:MCG**
Shqiponja Ahmetaj, Diego Calvanese, Magdalena Ortiz, and Mantas Simkus. Managing change in graph-structured data using description logics. *ACM Transactions on Computational Logic*, 18(4):27:1–27:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ACW12] **Alur:2012:AAA**
Rajeev Alur, Pavol Cerný, and Scott Weinstein. Algorithmic analysis of array-accessing programs. *ACM Transactions on Computational Logic*, 13(3):27:1–27:??, August 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [AD14] **Atserias:2014:DLB**
 Albert Atserias and Anuj Dawar. Degree lower bounds of tower-type for approximating formulas with parity quantifiers. *ACM Transactions on Computational Logic*, 15(1):6:1–6:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ADGR07] **Avigad:2007:FVP**
 Jeremy Avigad, Kevin Donnelly, David Gray, and Paul Raff. A formally verified proof of the prime number theorem. *ACM Transactions on Computational Logic*, 9(1):2:1–2:23, December 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ADGV14] **Aschinger:2014:LLC**
 Markus Aschinger, Conrad Drescher, Georg Gottlob, and Heribert Vollmer. LoCo — a logic for configuration problems. *ACM Transactions on Computational Logic*, 15(3):20:1–20:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AE09] **Arai:2009:NFA**
 Toshiyasu Arai and Naohi Eguchi. A new function algebra of EXPTIME functions by safe nested recursion. *ACM Transactions on Computational Logic*, 10(4):24:1–24:??, August 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AELP01] **Alur:2001:PTL**
 Rajeev Alur, Kousha Etessami, Salvatore La Torre, and Doron Peled. Parametric temporal logic for “model measuring”. *ACM Transactions on Computational Logic*, 2(3):388–407, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2001-2-3/p388-alur/>.
- [AFIL09] **Aceto:2009:FEB**
 Luca Aceto, Wan Fokkink, Anna Ingólfssdóttir, and Bas Luttik. A finite equational base for CCS with left merge and communication merge. *ACM Transactions on Computational Logic*, 10(1):6:1–6:??, January 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AFMGMM16] **Albert:2016:MHP**
 Elvira Albert, Antonio Flores-Montoya, Samir Genaim, and Enrique Martin-Martin. May-happen-in-parallel analysis for actor-based concurrency. *ACM Transactions on Computational Logic*, 17(2):11:1–11:??, March 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [AG19] **Aameri:2019:RTC**
Bahar Aameri and Michael Grüninger. A representation theorem for change through composition of activities. *ACM Transactions on Computational Logic*, 20(4):20:1–20:??, September 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3329121.
- [AGM13] **Albert:2013:IRU**
Elvira Albert, Samir Genaim, and Abu Naser Masud. On the inference of resource usage upper and lower bounds. *ACM Transactions on Computational Logic*, 14(3):22:1–22:??, August 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AGP07] **Angiulli:2007:ODL**
Fabrizio Angiulli, Gianluigi Greco, and Luigi Palopoli. Outlier detection by logic programming. *ACM Transactions on Computational Logic*, 9(1):7:1–7:??, December 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AI03] **Adler:2003:LBF**
Micah Adler and Neil Immerman. An $n!$ lower bound on formula size. *ACM Transactions on Computational Logic*, 4(3):296–314, July 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AJ05] **Aehlig:2005:EFS**
Klaus Aehlig and Jan Johannsen. An elementary fragment of second-order lambda calculus. *ACM Transactions on Computational Logic*, 6(2):468–480, April 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AK15] **Avni:2015:PWC**
Guy Avni and Orna Kupferman. Parameterized weighted containment. *ACM Transactions on Computational Logic*, 16(1):6:1–6:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AKNZ17] **Ameloot:2017:DQD**
Tom J. Ameloot, Bas Ketsman, Frank Neven, and Daniel Zinn. Datalog queries distributing over components. *ACM Transactions on Computational Logic*, 18(1):5:1–5:??, April 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AKRZ14] **Artale:2014:CTC**
Alessandro Artale, Roman Kontchakov, Vladislav Ryzhikov, and Michael Zakharyashev. A cookbook for temporal conceptual data modelling with description logics. *ACM Transactions on Computational Logic*, 15(3):25:1–25:??,

- September 2014. CODEN
 ???? ISSN 1529-3785 (print),
 1557-945X (electronic).
- [AKS01] Krzysztof R. Apt, Antonis C. Kakas, and Fariba Sadri. Editorial. *ACM Transactions on Computational Logic*, 2(4): 431, October 2001. CODEN
 ???? ISSN 1529-3785 (print),
 1557-945X (electronic).
- [AKS13] José Júlio Alferes, Matthias Knorr, and Terrance Swift. Query-driven procedures for hybrid MKNF knowledge bases. *ACM Transactions on Computational Logic*, 14(2): 16:1–16:??, June 2013. CODEN
 ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AL04] Rajeev Alur and Salvatore La Torre. Deterministic generators and games for Ltl fragments. *ACM Transactions on Computational Logic*, 5(1):1–25, January 2004. CODEN
 ???? ISSN 1529-3785 (print),
 1557-945X (electronic).
- [AL10] Robin Adams and Zhaohui Luo. Weyl’s predicative classical mathematics as a logic-enriched type theory. *ACM Transactions on Computational Logic*, 11(2):11:1–11:??, January 2010. CODEN ????
 [ALGN18] Ebrahim Ardeshir-Larijani, Simon J. Gay, and Rajagopal Nagarajan. Automated equivalence checking of concurrent quantum systems. *ACM Transactions on Computational Logic*, 19(4):28:1–28:??, December 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3231597.
- [ALN16] Albert Atserias, Massimo Lauria, and Jakob Nordström. Narrow proofs may be maximally long. *ACM Transactions on Computational Logic*, 17(3):19:1–19:??, July 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ALP02] Martín Abadi, Leonid Libkin, and Frank Pfenning. Editorial. *ACM Transactions on Computational Logic*, 3(3): 335, July 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AM01] Luigia Carlucci Aiello and Fabio Massacci. Verifying security protocols as planning in logic programming.

- ACM Transactions on Computational Logic*, 2(4):542–580, October 2001. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [AO19]
- [AMMO09] Rob Arthan, Ursula Martin, Erik A. Mathiesen, and Paulo Oliva. A general framework for sound and complete Floyd-Hoare logics. *ACM Transactions on Computational Logic*, 11(1):7:1–7:??, October 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Apt05]
- [AMMU19] Jirí Adámek, Stefan Milius, Robert S. R. Myers, and Henning Urbat. Generalized Eilenberg theorem: Varieties of languages in a category. *ACM Transactions on Computational Logic*, 20(1):3:1–3:??, February 2019. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3276771. [AR02]
- [AMN⁺03] Noga Alon, Tova Milo, Frank Neven, Dan Suciu, and Victor Vianu. Typechecking XML views of relational databases. *ACM Transactions on Computational Logic*, 4(3):315–354, July 2003. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [AR04]
- [Atserias:2019:PCM] Albert Atserias and Joanna Ochremiak. Proof complexity meets algebra. *ACM Transactions on Computational Logic*, 20(1):1:1–1:??, February 2019. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3265985.
- [Apt:2005:E] Krzysztof R. Apt. Editorial. *ACM Transactions on Computational Logic*, 6(4):673, October 2005. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Asperti:2002:ILA] Andrea Asperti and Luca Roversi. Intuitionistic Light Affine Logic. *ACM Transactions on Computational Logic*, 3(1):137–175, January 2002. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Abdennadher:2004:AGR] Slim Abdennadher and Christophe Rigotti. Automatic generation of rule-based constraint solvers over finite domains. *ACM Transactions on Computational Logic*, 5(2):177–205, April 2004. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

- [Ari07] **Arieli:2007:PRP** Ofer Arieli. Paraconsistent reasoning and preferential entailments by signed quantified Boolean formulae. *ACM Transactions on Computational Logic*, 8(3):18:1–18:??, July 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AS02] **Aehlig:2002:SAN** Klaus Aehlig and Helmut Schwichtenberg. A syntactical analysis of non-size-increasing polynomial time computation. *ACM Transactions on Computational Logic*, 3(3):383–401, July 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ASP09] **Artikis:2009:SNG** Alexander Artikis, Marek Sergot, and Jeremy Pitt. Specifying norm-governed computational societies. *ACM Transactions on Computational Logic*, 10(1):1:1–1:??, January 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Asp15] **Asperti:2015:CCF** Andrea Asperti. Computational complexity via finite types. *ACM Transactions on Computational Logic*, 16(3):26:1–26:??, July 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ASSB00] **Aziz:2000:MCC** Adnan Aziz, Kumud Sanwal, Vigyan Singhal, and Robert Brayton. Model-checking continuous-time Markov chains. *ACM Transactions on Computational Logic*, 1(1):162–170, July 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p162-aziz/>.
- [AVD⁺19] **Audrito:2019:HOC** Giorgio Audrito, Mirko Viroli, Ferruccio Damiani, Danilo Pinini, and Jacob Beal. A higher-order calculus of computational fields. *ACM Transactions on Computational Logic*, 20(1):5:1–5:??, February 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3285956.
- [Avi03] **Avigad:2003:EDS** Jeremy Avigad. Eliminating definitions and Skolem functions in first-order logic. *ACM Transactions on Computational Logic*, 4(3):402–415, July 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [AZZ14] **Asuncion:2014:PFO** Vernon Asuncion, Yan Zhang, and Yi Zhou. Preferred first-order answer set programs.

ACM Transactions on Computational Logic, 15(2):11:1–11:??, April 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Baelde:2012:LGF

[Bae12]

David Baelde. Least and greatest fixed points in linear logic. *ACM Transactions on Computational Logic*, 13(1):2:1–2:??, January 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Billington:2010:ITD

[BAGM10]

David Billington, Grigoris Antoniou, Guido Governatori, and Michael Maher. An inclusion theorem for defeasible logics. *ACM Transactions on Computational Logic*, 12(1):6:1–6:??, October 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bauer:2014:PCF

[Bau14]

Matthew S. Bauer. A PSPACE-complete first-order fragment of computability logic. *ACM Transactions on Computational Logic*, 15(1):1:1–1:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Beckmann:2014:IWL

[BB14]

Arnold Beckmann and Samuel R. Buss. Improved witnessing and local improvement

principles for second-order bounded arithmetic. *ACM Transactions on Computational Logic*, 15(1):2:1–2:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Beckmann:2017:NSP

[BB17]

Arnold Beckmann and Sam Buss. The NP search problems of Frege and extended Frege proofs. *ACM Transactions on Computational Logic*, 18(2):11:1–11:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Beyersdorff:2020:DQD

[BB20]

Olaf Beyersdorff and Joshua Blinkhorn. Dynamic QBF dependencies in reduction and expansion. *ACM Transactions on Computational Logic*, 21(2):8:1–8:27, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3355995>.

Bono:2002:TIE

[BBC02]

Viviana Bono, Michele Bugliesi, and Silvia Crafa. Typed interpretations of extensible objects. *ACM Transactions on Computational Logic*, 3(4):562–603, October 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [BBC⁺16] **Benaim:2016:CTV**
Saguy Benaim, Michael Benedikt, Witold Charatonik, Emanuel Kieroński, Rastislav Lenhardt, Filip Mazowiecki, and James Worrell. Complexity of two-variable logic on finite trees. *ACM Transactions on Computational Logic*, 17(4):32:1–32:??, November 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BBD03] **Bryans:2003:MCS**
Jeremy Bryans, Howard Bowman, and John Derrick. Model checking stochastic automata. *ACM Transactions on Computational Logic*, 4(4):452–492, October 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BBDFD20] **Balbani:2020:ILT**
Philippe Balbani, Joseph Boudou, Martín Diéguez, and David Fernández-Duque. Intuitionistic linear temporal logics. *ACM Transactions on Computational Logic*, 21(2):14:1–14:32, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3365833>.
- [BBGS20] **Benedikt:2020:MDT**
Michael Benedikt, Pierre Bourhis, Georg Gottlob, and Pierre Senellart. Monadic Datalog, tree validity, and limited access containment. *ACM Transactions on Computational Logic*, 21(1):6:1–6:45, January 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BBH⁺14] **Bonchi:2014:ACD**
Filippo Bonchi, Marcello M. Bonsangue, Helle H. Hansen, Prakash Panangaden, Jan J. M. M. Rutten, and Alexandra Silva. Algebra-coalgebra duality in Brzozowski’s minimization algorithm. *ACM Transactions on Computational Logic*, 15(1):3:1–3:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BBS07] **Baier:2007:VNP**
Christel Baier, Nathalie Bertrand, and Philippe Schnoebelen. Verifying nondeterministic probabilistic channel systems against ω -regular linear-time properties. *ACM Transactions on Computational Logic*, 9(1):5:1–5:??, December 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BCD13] **Baudet:2013:YGT**
Mathieu Baudet, Véronique Cortier, and Stéphanie Delaune. YAPA: a generic tool for computing intruder knowledge. *ACM Transactions on Computational Logic*, 14(1):4:1–4:??, February 2013. CO-

- DEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BCEO20] **Bana:2020:VMC**
 Gersei Bana, Rohit Chadha, Ajay Kumar Eeralla, and Mitsuhiro Okada. Verification methods for the computationally complete symbolic attacker based on indistinguishability. *ACM Transactions on Computational Logic*, 21(1):2:1–2:44, January 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BCHK14] **Boker:2014:TSA**
 Udi Boker, Krishnendu Chatterjee, Thomas A. Henzinger, and Orna Kupferman. Temporal specifications with accumulative values. *ACM Transactions on Computational Logic*, 15(4):27:1–27:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BCKL19] **Bortolussi:2019:CLM**
 Luca Bortolussi, Luca Cardelli, Marta Kwiatkowska, and Luca Laurenti. Central limit model checking. *ACM Transactions on Computational Logic*, 20(4):19:1–19:??, September 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3331452.
- [BCM04] **Basin:2004:RMF**
 David Basin, Manuel Clavel, and José Meseguer. Reflective metalogical frameworks. *ACM Transactions on Computational Logic*, 5(3):528–576, July 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BCM09] **Bordeaux:2009:GCO**
 Lucas Bordeaux, Marco Cadoli, and Toni Mancini. Generalizing consistency and other constraint properties to quantified constraints. *ACM Transactions on Computational Logic*, 10(3):17:1–17:??, April 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BCMS18] **Beyersdorff:2018:SPN**
 Olaf Beyersdorff, Leroy Chew, Meena Mahajan, and Anil Shukla. Are short proofs narrow? QBF resolution is not so simple. *ACM Transactions on Computational Logic*, 19(1):1:1–1:??, February 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BCP17] **Barmpalias:2017:PCO**
 George Barmpalias, Douglas Cenzler, and Christopher P. Porter. The probability of a computable output from a random oracle. *ACM Transactions on Computational Logic*, 18(3):18:1–18:??,

August 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Biernacka:2007:CFE

[BD07a]

Małgorzata Biernacka and Olivier Danvy. A concrete framework for environment machines. *ACM Transactions on Computational Logic*, 9(1):6:1–6:??, December 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bonacina:2007:ACI

[BD07b]

Maria Paola Bonacina and Nachum Dershowitz. Abstract canonical inference. *ACM Transactions on Computational Logic*, 8(1):??, January 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Berardi:2012:IRN

[Bd12]

Stefano Berardi and Ugo de'Liguoro. Interactive realizers: a new approach to program extraction from non-constructive proofs. *ACM Transactions on Computational Logic*, 13(2):11:1–11:??, April 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bojanczyk:2011:TVL

[BDM⁺11]

Mikołaj Bojańczyk, Claire David, Anca Muscholl, Thomas Schwentick, and Luc Segoufin. Two-variable logic on data words. *ACM Transactions on*

Computational Logic, 12(4):27:1–27:??, July 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Brass:2004:SLP

[BDP04]

Stefan Brass, Jürgen Dix, and Teodor C. Przymusiński. Super logic programs. *ACM Transactions on Computational Logic*, 5(1):129–176, January 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bruyere:2008:DPM

[BDR08]

Véronique Bruyère, Emmanuel Dall’olio, and Jean-François Raskin. Durations and parametric model-checking in timed automata. *ACM Transactions on Computational Logic*, 9(2):12:1–12:??, March 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bailey:2010:LQV

[BDT10]

James Bailey, Guozhu Dong, and Anthony Widjaja To. Logical queries over views: Decidability and expressiveness. *ACM Transactions on Computational Logic*, 11(2):8:1–8:??, January 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bernardo:2004:SSR

[Ber04]

Marco Bernardo. Symbolic semantic rules for produc-

- ing compact STGLAs from value passing process descriptions. *ACM Transactions on Computational Logic*, 5(3):436–469, July 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BERS04] Annalisa Bossi, Sandro Etalle, Sabina Rossi, and Jan-Georg Smaus. Termination of simply moded logic programs with dynamic scheduling. *ACM Transactions on Computational Logic*, 5(3):470–507, July 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BF13] Hariolf Betz and Thom Frühwirth. Linear-logic based analysis of constraint handling rules with disjunction. *ACM Transactions on Computational Logic*, 14(1):1:1–1:??, February 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BFHH17] Michael Blondin, Alain Finkel, Christoph Haase, and Serge Haddad. The logical view on continuous Petri nets. *ACM Transactions on Computational Logic*, 18(3):24:1–24:??, August 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BFV04] Bard Bloom, Wan Fokkink, and Rob J. Van Glabbeek. Precongruence formats for decorated trace semantics. *ACM Transactions on Computational Logic*, 5(1):26–78, January 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BFW03] Peter Buneman, Wenfei Fan, and Scott Weinstein. Interaction between path and type constraints. *ACM Transactions on Computational Logic*, 4(4):530–577, October 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BG01] Andreas Blass and Yuri Gurevich. Inadequacy of computable loop invariants. *ACM Transactions on Computational Logic*, 2(1):1–11, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-1/p1-blass/p1-blass.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2001-2-1/p1-blass/>.
- [BG02] Mario Bravetti and Roberto Gorrieri. Deciding and axiomatizing weak ST bisimulation for a process algebra

with recursion and action refinement. *ACM Transactions on Computational Logic*, 3(4): 465–520, October 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Blass:2003:ASM

[BG03a]

Andreas Blass and Yuri Gurevich. Abstract state machines capture parallel algorithms. *ACM Transactions on Computational Logic*, 4(4): 578–651, October 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bustan:2003:SBM

[BG03b]

Doron Bustan and Orna Grumberg. Simulation-based minimization. *ACM Transactions on Computational Logic*, 4(2):181–206, April 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Blass:2006:OIS

[BG06]

Andreas Blass and Yuri Gurevich. Ordinary interactive small-step algorithms, I. *ACM Transactions on Computational Logic*, 7(2):363–419, April 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Blass:2007:OISa

[BG07a]

Andreas Blass and Yuri Gurevich. Ordinary interactive small-step algorithms, II.

ACM Transactions on Computational Logic, 8(3):15:1–15:??, July 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Blass:2007:OISb

[BG07b]

Andreas Blass and Yuri Gurevich. Ordinary interactive small-step algorithms, III. *ACM Transactions on Computational Logic*, 8(3):16:1–16:??, July 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Blass:2008:ASM

[BG08a]

Andreas Blass and Yuri Gurevich. Abstract state machines capture parallel algorithms: Correction and extension. *ACM Transactions on Computational Logic*, 9(3): 19:1–19:??, June 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Blass:2008:PTW

[BG08b]

Andreas Blass and Yuri Gurevich. Program termination and well partial orderings. *ACM Transactions on Computational Logic*, 9(3):18:1–18:??, June 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bruscoli:2009:PCD

[BG09]

Paola Bruscoli and Alessio Guglielmi. On the proof complexity of deep inference.

ACM Transactions on Computational Logic, 10(2):14:1–14:??, February 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Blass:2011:PQB

[BG11a]

Andreas Blass and Yuri Gurevich. Persistent queries in the behavioral theory of algorithms. *ACM Transactions on Computational Logic*, 12(2):16:1–16:??, January 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Burger:2011:SIS

[BG11b]

Lutz Straß Burger and Alessio Guglielmi. A system of interaction and structure IV: The exponentials and decomposition. *ACM Transactions on Computational Logic*, 12(4):23:1–23:??, July 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Baader:2012:LDL

[BGL12]

Franz Baader, Silvio Ghilardi, and Carsten Lutz. LTL over description logic axioms. *ACM Transactions on Computational Logic*, 13(3):21:1–21:??, August 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Beyersdorff:2013:PCD

[BGL13]

Olaf Beyersdorff, Nicola Galesi, and Massimo Lau-

ria. Parameterized complexity of DPLL search procedures. *ACM Transactions on Computational Logic*, 14(3):20:1–20:??, August 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Benhamou:2004:ICS

[BGLC04]

Frédéric Benhamou, Frédéric Goualard, Éric Languéno, and Marc Christie. Interval constraint solving for camera control and motion planning. *ACM Transactions on Computational Logic*, 5(4):732–767, October 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bonchi:2014:GTB

[BGM14]

Filippo Bonchi, Fabio Gadducci, and Giacomina Valentina Monreale. A general theory of barbs, contexts, and labels. *ACM Transactions on Computational Logic*, 15(4):35:1–35:??, November 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Bollig:2014:PWA

[BGMZ14]

Benedikt Bollig, Paul Gastin, Benjamin Monmege, and Marc Zeitoun. Pebble weighted automata and weighted logics. *ACM Transactions on Computational Logic*, 15(2):15:1–15:??, April 2014. CODEN ???? ISSN 1529-

3785 (print), 1557-945X (electronic).

Bruttomesso:2014:QFI

[BGR14]

Roberto Bruttomesso, Silvio Ghilardi, and Silvio Ranise. Quantifier-free interpolation in combinations of equality interpolating theories. *ACM Transactions on Computational Logic*, 15(1):5:1–5:??, February 2014. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).

Bova:2016:MCE

[BGS16]

Simone Bova, Robert Ganian, and Stefan Szeider. Model checking existential logic on partially ordered sets. *ACM Transactions on Computational Logic*, 17(2):10:1–10:??, March 2016. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).

Bryant:2001:PVU

[BGV01]

Randal E. Bryant, Steven German, and Miroslav N. Velev. Processor verification using efficient reductions of the logic of uninterpreted functions to propositional logic. *ACM Transactions on Computational Logic*, 2(1):93–134, 2001. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-1/p93-bryant/p93-bryant.pdf>; <http://www.acm.org/pubs/citations/>

[journals/tocl/2001-2-1/p93-bryant/](http://www.acm.org/pubs/articles/journals/tocl/2001-2-1/p93-bryant/).

Biscaia:2015:DAS

[BHM15]

M. Biscaia, D. Henriques, and P. Mateus. Decidability of approximate Skolem problem and applications to logical verification of dynamical properties of Markov chains. *ACM Transactions on Computational Logic*, 16(1):4:1–4:??, March 2015. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).

Bodirsky:2017:CPC

[BJP17]

Manuel Bodirsky, Peter Jonsson, and Trung Van Pham. The complexity of phylogeny constraint satisfaction problems. *ACM Transactions on Computational Logic*, 18(3):23:1–23:??, August 2017. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).

Bulling:2019:RAS

[BJP19]

Nils Bulling, Wojciech Jamroga, and Matei Popovici. Reasoning about strategic abilities: Agents with truly perfect recall. *ACM Transactions on Computational Logic*, 20(2):10:1–10:??, April 2019. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3309761.

- Boigelot:2005:EDP**
- [BJW05] Bernard Boigelot, Sébastien Jodogne, and Pierre Wolper. An effective decision procedure for linear arithmetic over the integers and reals. *ACM Transactions on Computational Logic*, 6(3):614–633, July 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Buss:2002:RBC**
- [BK02] Samuel R. Buss and Bruce M. Kapron. Resource-bounded continuity and sequentiality for type-two functionals. *ACM Transactions on Computational Logic*, 3(3):402–417, July 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Bodirsky:2010:FAD**
- [BK10] Manuel Bodirsky and Jan Kára. A fast algorithm and datalog inexpressibility for temporal reasoning. *ACM Transactions on Computational Logic*, 11(3):15:1–15:??, May 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Boker:2012:TCB**
- [BK12] Udi Boker and Orna Kupferman. Translating to Co-Büchi made tight, unified, and useful. *ACM Transactions on Computational Logic*, 13(4):29:1–29:??, October 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Bresolin:2017:HFH**
- [BKMV⁺17] Davide Bresolin, Agi Kurucz, Emilio Muñoz-Velasco, Vladislav Ryzhikov, Guido Sciavicco, and Michael Zakharyashev. Horn fragments of the Halpern–Shoham interval temporal logic. *ACM Transactions on Computational Logic*, 18(3):22:1–22:??, August 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Berkholz:2015:BQD**
- [BKV15] Christoph Berkholz, Andreas Krebs, and Oleg Verbitsky. Bounds for the quantifier depth in finite-variable logics: Alternation hierarchy. *ACM Transactions on Computational Logic*, 16(3):21:1–21:??, July 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Basin:2020:RVO**
- [BKZ20] David Basin, Felix Klaedtke, and Eugen Zalinescu. Runtime verification over out-of-order streams. *ACM Transactions on Computational Logic*, 21(1):5:1–5:43, January 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Benedikt:2016:LUO**
- [BL16] Michael Benedikt and Clemens Ley. Limiting until in or-

- dered tree query languages. *ACM Transactions on Computational Logic*, 17(2):14:1–14:??, March 2016. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [BM10]
- [BLN07] **Benedikt:2007:LDQ**
Michael Benedikt, Leonid Libkin, and Frank Neven. Logical definability and query languages over ranked and unranked trees. *ACM Transactions on Computational Logic*, 8(2):??, April 2007. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [BM17]
- [BLRC⁺19] **Borralleras:2019:IST**
Cristina Borralleras, Daniel Larraz, Enric Rodríguez-Carbonell, Albert Oliveras, and Albert Rubio. Incomplete SMT techniques for solving non-linear formulas over the integers. *ACM Transactions on Computational Logic*, 20(4):25:1–25:??, September 2019. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3340923. [BMM12]
- [BM08] **Bova:2008:PSH**
Simone Bova and Franco Montagna. Proof search in Hájek’s basic logic. *ACM Transactions on Computational Logic*, 9(3):21:1–21:??, June 2008. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [BMM15]
- Beyersdorff:2010:TKL**
Olaf Beyersdorff and Sebastian Müller. A tight Karp–Lipton collapse result in bounded arithmetic. *ACM Transactions on Computational Logic*, 11(4):22:1–22:??, July 2010. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- Barcelo:2017:GLR**
Pablo Barceló and Pablo Muñoz. Graph logics with rational relations: The role of word combinatorics. *ACM Transactions on Computational Logic*, 18(2):10:1–10:??, June 2017. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- Bianco:2012:GCT**
Alessandro Bianco, Fabio Mogavero, and Aniello Murano. Graded computation tree logic. *ACM Transactions on Computational Logic*, 13(3):25:1–25:??, August 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- Benerecetti:2015:RAS**
Massimo Benerecetti, Fabio Mogavero, and Aniello Murano. Reasoning about substructures and games. *ACM Transactions on Computational Logic*, 16(3):25:1–25:??, July 2015. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

- [BMM⁺19] **Bozzelli:2019:IVP**
 Laura Bozzelli, Alberto Molinari, Angelo Montanari, Adriano Peron, and Pietro Sala. Interval vs. point temporal logic model checking: an expressiveness comparison. *ACM Transactions on Computational Logic*, 20(1):4:1–4:??, February 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3281028.
- [BMR06] **Bistarelli:2006:SCC**
 Stefano Bistarelli, Ugo Montanari, and Francesca Rossi. Soft concurrent constraint programming. *ACM Transactions on Computational Logic*, 7(3):563–589, July 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BMR09] **Baillet:2009:GES**
 Patrick Baillet, Jean-Yves Marion, and Simona Ronchi Della Rocca. Guest editorial: Special issue on implicit computational complexity. *ACM Transactions on Computational Logic*, 10(4):23:1–23:??, August 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BMRS10] **Bistarelli:2010:UMQ**
 Stefano Bistarelli, Ugo Montanari, Francesca Rossi, and Francesco Santini. Unicast and multicast QoS routing with soft-constraint logic programming. *ACM Transactions on Computational Logic*, 12(1):5:1–5:??, October 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BMS⁺11] **Bauland:2011:TMC**
 Michael Bauland, Martin Mundhenk, Thomas Schneider, Henning Schnoor, Ilka Schnoor, and Heribert Vollmer. The tractability of model checking for LTL: The good, the bad, and the ugly fragments. *ACM Transactions on Computational Logic*, 12(2):13:1–13:??, January 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BMS13] **Bonsangue:2013:SCA**
 Marcello M. Bonsangue, Stefan Milius, and Alexandra Silva. Sound and complete axiomatizations of coalgebraic language equivalence. *ACM Transactions on Computational Logic*, 14(1):7:1–7:??, February 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BMT13] **Bodirsky:2013:CST**
 Manuel Bodirsky, H. Dugald Macpherson, and Johan Thapper. Constraint satisfaction tractability from semi-lattice operations on infinite sets. *ACM Transactions on*

- Computational Logic*, 14(4): 30:1–30:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BO02] **Bonatti:2002:SCP** [BS09] Piero Andrea Bonatti and Nicola Olivetti. Sequent calculi for propositional non-monotonic logics. *ACM Transactions on Computational Logic*, 3(2):226–278, April 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Bou09] **Bouhoula:2009:SCC** [BSH10] Adel Bouhoula. Simultaneous checking of completeness and ground confluence for algebraic specifications. *ACM Transactions on Computational Logic*, 10(3):20:1–20:??, April 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BP11] **Bergstra:2011:PA** [BTV16] Jan A. Bergstra and Alban Ponse. Proposition algebra. *ACM Transactions on Computational Logic*, 12(3):21:1–21:??, May 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [BPT14] **Beckmann:2014:PGP** [Bul11] Arnold Beckmann, Pavel Pudlák, and Neil Thapen. Parity games and propositional proofs. *ACM Transactions on Computational Logic*, 15(2):17:1–17:??, April 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Benedikt:2009:RTL** Michael Benedikt and Luc Segoufin. Regular tree languages definable in FO and in FO_{mod}. *ACM Transactions on Computational Logic*, 11(1):4:1–4:??, October 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Ben-Sasson:2010:LBB** Eli Ben-Sasson and Praphladh Harsha. Lower bounds for bounded depth Frege proofs via Pudlák–Buss games. *ACM Transactions on Computational Logic*, 11(3):19:1–19:??, May 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Benedikt:2016:EIP** Michael Benedikt, Balder Ten Cate, and Michael Vanden Boom. Effective interpolation and preservation in guarded logics. *ACM Transactions on Computational Logic*, 17(2): 8:1–8:??, March 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Bulatov:2011:CCC** Andrei A. Bulatov. Complexity of conservative constraint satisfaction problems.

ACM Transactions on Computational Logic, 12(4):24:1–24:??, July 2011. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Burel:2020:LFR

[Bur20]

Guillaume Burel. Linking focusing and resolution with selection. *ACM Transactions on Computational Logic*, 21(3):18:1–18:30, May 2020. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3373276>.

[CC19]

Bryant:2002:BST

[BV02]

Randal E. Bryant and Miroslav N. Velev. Boolean satisfiability with transitivity constraints. *ACM Transactions on Computational Logic*, 3(4):604–627, October 2002. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

[CCCK16]

Bogaerts:2016:WFS

[BVD16]

Bart Bogaerts, Joost Vennekens, and Marc Denecker. On well-founded set-inductions and locally monotone operators. *ACM Transactions on Computational Logic*, 17(4):27:1–27:??, November 2016. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

[CCD15]

Binnewies:2018:SPB

[BZWS18]

Sebastian Binnewies, Zhiqiang Zhuang, Kewen Wang, and

Bela Stantic. Syntax-preserving belief change operators for logic programs. *ACM Transactions on Computational Logic*, 19(2):12:1–12:??, June 2018. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Chalopin:2019:SPN

J eremie Chalopin and Victor Chepoi. 1-safe Petri nets and special cube complexes: Equivalence and applications. *ACM Transactions on Computational Logic*, 20(3):17:1–17:??, July 2019. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3322095.

Chadha:2016:AVE

Rohit Chadha, Vincent Cheval, Stefan Ciob aca, and Steve Kremer. Automated verification of equivalence properties of cryptographic protocols. *ACM Transactions on Computational Logic*, 17(4):23:1–23:??, November 2016. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Chretien:2015:SPP

R emy Chr etien, V eronique Cortier, and St ephanie Delaune. From security protocols to pushdown automata. *ACM Transactions on Computational Logic*, 17(1):3:1–

- 3:??, December 2015. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [CDH10]
- [CCDD20] **Chretien:2020:TMF**
R my Chr tien, V ronique Cortier, Antoine Dallon, and St phanie Delaune. Typing messages for free in security protocols. *ACM Transactions on Computational Logic*, 21(1):1:1–1:52, January 2020. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3343507. [CDH11]
- [CD14] **Chatterjee:2014:POS**
Krishnendu Chatterjee and Laurent Doyen. Partial-observation stochastic games: How to win when belief fails. *ACM Transactions on Computational Logic*, 15(2):16:1–16:??, April 2014. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [CDKM13]
- [CDG15] **Cerrito:2015:OTM**
Serenella Cerrito, Am lie David, and Valentin Goranko. Optimal tableau method for constructive satisfiability testing and model synthesis in the alternating-time temporal logic ATL+. *ACM Transactions on Computational Logic*, 17(1):4:1–4:??, December 2015. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [CDL08]
- Chatterjee:2010:QL**
Krishnendu Chatterjee, Laurent Doyen, and Thomas A. Henzinger. Quantitative languages. *ACM Transactions on Computational Logic*, 11(4):23:1–23:??, July 2010. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Chatterjee:2011:QCP**
Krishnendu Chatterjee, Luca De Alfaro, and Thomas A. Henzinger. Qualitative concurrent parity games. *ACM Transactions on Computational Logic*, 12(4):28:1–28:??, July 2011. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Chen:2013:VLD**
Taolue Chen, Marco Dicitolla, Marta Kwiatkowska, and Alexandru Mereacre. Verification of linear duration properties over continuous-time Markov chains. *ACM Transactions on Computational Logic*, 14(4):33:1–33:??, November 2013. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Calvanese:2008:CQC**
Diego Calvanese, Giuseppe De Giacomo, and Maurizio Lenzerini. Conjunctive query containment and answering under description logic constraints. *ACM Transactions*

- on *Computational Logic*, 9(3): 22:1–22:??, June 2008. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [CFP+19]
- Cadoli:2005:CPN**
- [CEG05] Marco Cadoli, Thomas Eiter, and Georg Gottlob. Complexity of propositional nested circumscription and nested abnormality theories. *ACM Transactions on Computational Logic*, 6(2):232–272, April 2005. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Creignou:2014:CCL**
- [CES14] Nadia Creignou, Uwe Egly, and Johannes Schmidt. Complexity classifications for logic-based argumentation. *ACM Transactions on Computational Logic*, 15(3):19:1–19:??, September 2014. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Cabrer:2019:CAU**
- [CFMP19] Leonardo M. Cabrer, Benjamin Freisberg, George Metcalfe, and Hilary A. Priestley. Checking admissibility using natural dualities. *ACM Transactions on Computational Logic*, 20(1):2:1–2:??, February 2019. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3275115.
- Conradie:2019:PEU**
- Willem Conradie, Sabine Frittella, Alessandra Palmigiano, Apostolos Tzimoulis, and Nachoem Wijnberg. Probabilistic epistemic updates on algebras. *ACM Transactions on Computational Logic*, 20(4):24:1–24:??, September 2019. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3341725.
- Cosmadakis:2010:UIR**
- Stavros Cosmadakis, Eugenie Foustoucos, and Anastasios Sidiropoulos. Undecidability and intractability results concerning datalog programs and their persistency numbers. *ACM Transactions on Computational Logic*, 11(2):12:1–12:??, January 2010. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Carreiro:2020:PW**
- [CFVZ20] Facundo Carreiro, Alessandro Facchini, Yde Venema, and Fabio Zanasi. The power of the weak. *ACM Transactions on Computational Logic*, 21(2):15:1–15:47, March 2020. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://doi.org/abs/10.1145/3372392>.

- [CG18] **Ciabattoni:2018:HSR**
 Agata Ciabattoni and Francesco A. Genco. Hypersequents and systems of rules: Embeddings and applications. *ACM Transactions on Computational Logic*, 19(2):11:1–11:??, June 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CGI+18] **Cimatti:2018:ILS**
 Alessandro Cimatti, Alberto Griggio, Ahmed Irfan, Marco Roveri, and Roberto Sebastiani. Incremental linearization for satisfiability and verification modulo nonlinear arithmetic and transcendental functions. *ACM Transactions on Computational Logic*, 19(3):19:1–19:??, September 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CGL16] **Carlucci:2016:PCP**
 Lorenzo Carlucci, Nicola Galesi, and Massimo Lauria. On the proof complexity of Paris–Harrington and off-diagonal Ramsey tautologies. *ACM Transactions on Computational Logic*, 17(4):26:1–26:??, November 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CGS10] **Cimatti:2010:EGC**
 Alessandro Cimatti, Alberto Griggio, and Roberto Sebastiani. Efficient generation of Craig interpolants in satisfiability modulo theories. *ACM Transactions on Computational Logic*, 12(1):7:1–7:??, October 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CGT17] **Calautti:2017:DDC**
 Marco Calautti, Sergio Greco, and Irina Trubitsyna. Detecting decidable classes of finitely ground logic programs with function symbols. *ACM Transactions on Computational Logic*, 18(4):28:1–28:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CGWW15] **Cranen:2015:AFL**
 Sjoerd Cranen, Maciej Gazda, Wieger Wesselink, and Tim A. C. Willemse. Abstraction in fixpoint logic. *ACM Transactions on Computational Logic*, 16(4):29:1–29:??, November 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Cha06] **Charlesworth:2006:CSC**
 Arthur Charlesworth. Comprehending software correctness implies comprehending an intelligence-related limitation. *ACM Transactions on Computational Logic*, 7(3):590–612, July 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [Che14] **Chen:2014:CEP**
 Hubie Chen. On the complexity of existential positive queries. *ACM Transactions on Computational Logic*, 15(1):9:1–9:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CHH09] **Chatterjee:2009:FWR**
 Krishnendu Chatterjee, Thomas A. Henzinger, and Florian Horn. Finitary winning in ω -regular games. *ACM Transactions on Computational Logic*, 11(1):1:1–1:??, October 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CHK08] **Chockler:2008:WCS**
 Hana Chockler, Joseph Y. Halpern, and Orna Kupferman. What causes a system to satisfy a specification? *ACM Transactions on Computational Logic*, 9(3):20:1–20:??, June 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). See erratum [CHK10].
- [CHK10] **Chockler:2010:EWC**
 Hana Chockler, Joseph Y. Halpern, and Orna Kupferman. Erratum for “what causes a system to satisfy a specification?”. *ACM Transactions on Computational Logic*, 11(4):29:1–29:??, July 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). See [CHK08].
- [CHN20] **Cavalcanti:2020:IOC**
 Ana Cavalcanti, Robert M. Hierons, and Sidney Nogueira. Inputs and outputs in CSP: a model and a testing theory. *ACM Transactions on Computational Logic*, 21(3):24:1–24:53, May 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3379508>.
- [CHO17] **Chatterjee:2017:NWA**
 Krishnendu Chatterjee, Thomas A. Henzinger, and Jan Otop. Nested weighted automata. *ACM Transactions on Computational Logic*, 18(4):31:1–31:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CHRW13] **Charalambidis:2013:EHO**
 Angelos Charalambidis, Konstantinos Handjopoulos, Panagiotis Rondogiannis, and William W. Wadge. Extensional higher-order logic programming. *ACM Transactions on Computational Logic*, 14(3):21:1–21:??, August 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CHS14] **Carayol:2014:RAI**
 Arnaud Carayol, Axel Haddad, and Olivier Serre. Ran-

- domization in automata on infinite trees. *ACM Transactions on Computational Logic*, 15(3):24:1–24:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [CK20]
- [CHS15] Arnaud Carayol, Axel Hadad, and Olivier Serre. Erratum for “Randomization in Automata on Infinite Trees”. *ACM Transactions on Computational Logic*, 16(4):36:1–36:??, November 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Carayol:2015:ERA]
- [CJL13] Xiaoping Chen, Jianmin Ji, and Fangzhen Lin. Computing loops with at most one external support rule. *ACM Transactions on Computational Logic*, 14(1):3:1–3:??, February 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Chen:2013:CLM]
- [CK00] Ernie Cohen and Dexter Kozen. A note on the complexity of propositional Hoare logic. *ACM Transactions on Computational Logic*, 1(1):171–174, July 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p171-cohen/>. [Cohen:2000:NCP]
- [CKRT08] Yannick Chevalier, Ralf Küsters, Michaël Rusinowitch, and Mathieu Turuani. Complexity results for security proto- [Chevalier:2008:CRS]
- [CKK17] Szymon Chlebowski, Maciej Komosinski, and Adam Kups. Automated generation of erotetic search scenarios: Classification, optimization, and knowledge extraction. *ACM Transactions on Computational Logic*, 18(2):8:1–8:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Chlebowski:2017:AGE]
- [CKPP12] Konstantinos Chatzikokolakis, Sophia Knight, Catuscia Palamidessi, and Prakash Panangaden. Epistemic strategies and games on concurrent processes. *ACM Transactions on Computational Logic*, 13(4):28:1–28:??, October 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Chatzikokolakis:2012:ESG]
- [Cerna:2020:IAU] David Cerna and Temur Kutsia. Idempotent anti-unification. *ACM Transactions on Computational Logic*, 21(2):10:1–10:32, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3359060>.

- cols with Diffie–Hellman exponentiation and commuting public key encryption. *ACM Transactions on Computational Logic*, 9(4):24:1–24:??, August 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CLCZ10] **Comon-Lundh:2010:DSP**
Hubert Comon-Lundh, Véronique Cortier, and Eugen Zălinescu. Deciding security properties for cryptographic protocols. application to key cycles. *ACM Transactions on Computational Logic*, 11(2):9:1–9:??, January 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CLLM19] **Clemente:2019:BRT**
Lorenzo Clemente, Sławomir Lasota, Ranko Lazić, and Filip Mazowiecki. Binary reachability of timed-register pushdown automata and branching vector addition systems. *ACM Transactions on Computational Logic*, 20(3):14:1–14:??, July 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3326161.
- [CLS07] **Choi:2007:RPR**
C. W. Choi, J. H. M. Lee, and P. J. Stuckey. Removing propagation redundant constraints in redundant modeling. *ACM Transactions on Computational Logic*, 8(4):23:1–23:??, August 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CLSZ15] **Ciabattoni:2015:TPO**
Agata Ciabattoni, Ori Lahav, Lara Spendier, and Anna Zamansky. Taming paraconsistent (and other) logics: an algorithmic approach. *ACM Transactions on Computational Logic*, 16(1):5:1–5:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CM06] **Coppola:2006:OOR**
Paolo Coppola and Simone Martini. Optimizing optimal reduction: a type inference algorithm for elementary affine logic. *ACM Transactions on Computational Logic*, 7(2):219–260, April 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CM17] **Chen:2017:OHS**
Hubie Chen and Moritz Müller. One hierarchy spawns another: Graph deconstructions and the complexity classification of conjunctive queries. *ACM Transactions on Computational Logic*, 18(4):29:1–29:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [CMVT12] **Creignou:2012:CRF**
 Nadia Creignou, Arne Meier, Heribert Vollmer, and Michael Thomas. The complexity of reasoning for fragments of autoepistemic logic. *ACM Transactions on Computational Logic*, 13(2):17:1–17:??, April 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CNR03] **Comon:2003:DCO**
 Hubert Comon, Paliath Narendran, Robert Nieuwenhuis, and Michael Rusinowitch. Deciding the confluence of ordered term rewrite systems. *ACM Transactions on Computational Logic*, 4(1):33–55, January 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CPRW16] **Creignou:2016:BMW**
 Nadia Creignou, Odile Papini, Stefan Rümmele, and Stefan Woltran. Belief merging within fragments of propositional logic. *ACM Transactions on Computational Logic*, 17(3):20:1–20:??, July 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [CPV09] **Crolard:2009:ELL**
 Tristan Crolard, Emmanuel Polonowski, and Pierre Valarcher. Extending the loop language with higher-order procedural variables. *ACM Transactions on Computational Logic*, 10(4):26:1–26:??, August 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Cra07] **Crafa:2015:LCB**
 Silvia Crafa and Francesco Ranzato. Logical characterizations of behavioral relations on transition systems of probability distributions. *ACM Transactions on Computational Logic*, 16(1):2:1–2:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Cra07] **Ciabattini:2016:PLS**
 Agata Ciabattini and Revantha Ramanayake. Power and limits of structural display rules. *ACM Transactions on Computational Logic*, 17(3):17:1–17:??, July 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Cra07] **Crary:2007:SCE**
 Karl Crary. Sound and complete elimination of singleton kinds. *ACM Transactions on Computational Logic*, 8(2):??, April 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Cra07] **Crary:2008:FCC**
 Karl Crary and Susmit Sarkar. Foundational certified code in the Twelf metalogical framework. *ACM Transactions on Computational Logic*, 10(4):26:1–26:??, August 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- tions on *Computational Logic*, 9(3):16:1–16:??, June 2008. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [CT06]
- [CS20] Arnaud Carayol and Olivier Serre. How good is a strategy in a game with nature? *ACM Transactions on Computational Logic*, 21(3):21:1–21:39, May 2020. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3377137>. [CV10]
- [CSN05] Sara Cohen, Yehoshua Sagiv, and Werner Nutt. Equivalences among aggregate queries with negation. *ACM Transactions on Computational Logic*, 6(2):328–360, April 2005. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [CW16]
- [CSS10] Nadia Creignou, Henning Schnoor, and Ilka Schnoor. Nonuniform Boolean constraint satisfaction problems with cardinality constraint. *ACM Transactions on Computational Logic*, 11(4):24:1–24:??, July 2010. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Dal09a]
- [Cook:2006:SRW] Stephen Cook and Neil Thapen. The strength of replacement in weak arithmetic. *ACM Transactions on Computational Logic*, 7(4):749–764, October 2006. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Chadha:2010:CGA] Rohit Chadha and Mahesh Viswanathan. A counterexample-guided abstraction-refinement framework for Markov decision processes. *ACM Transactions on Computational Logic*, 12(1):1:1–1:??, October 2010. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Charatonik:2016:TVL] Witold Charatonik and Piotr Witkowski. Two-variable logic with counting and trees. *ACM Transactions on Computational Logic*, 17(4):31:1–31:??, November 2016. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DalLago:2009:CSL] Ugo Dal Lago. Context semantics, linear logic, and computational complexity. *ACM Transactions on Computational Logic*, 10(4):25:1–25:??, August 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

- [Dal09b] **DalLago:2009:GLH** Ugo Dal Lago. The geometry of linear higher-order recursion. *ACM Transactions on Computational Logic*, 10(2):8:1–8:??, February 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DBM01] **Denecker:2001:LPR** Marc Denecker, Maurice Bruynooghe, and Victor Marek. Logic programming revisited: Logic programs as inductive definitions. *ACM Transactions on Computational Logic*, 2(4):623–654, October 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DCDGT10] **Dezani-Ciancaglini:2010:IIT** Mariangiola Dezani-Ciancaglini, Roberto Di Cosmo, Elio Giovannetti, and Makoto Tatsuta. On isomorphisms of intersection types. *ACM Transactions on Computational Logic*, 11(4):25:1–25:??, July 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DCHA03] **Dezani-Ciancaglini:2003:CCC** M. Dezani-Ciancaglini, F. Honsell, and F. Alessi. A complete characterization of complete intersection-type preorders. *ACM Transactions on Computational Logic*, 4(1):120–147, January 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DD15] **Demri:2015:TVS** Stéphane Demri and Morgan Deters. Two-variable separation logic and its inner circle. *ACM Transactions on Computational Logic*, 16(2):15:1–15:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DD16] **Demri:2016:ECS** Stéphane Demri and Morgan Deters. Expressive completeness of separation logic with two variables and no separating conjunction. *ACM Transactions on Computational Logic*, 17(2):12:1–12:??, March 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DEPT11] **DeBruijn:2011:ENL** Jos De Bruijn, Thomas Eiter, Axel Polleres, and Hans Tompits. Embedding nonground logic programs into autoepistemic logic for knowledge-base combination. *ACM Transactions on Computational Logic*, 12(3):20:1–20:??, May 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DFK06] **Degtyarev:2006:MTR** Anatoli Degtyarev, Michael Fisher, and Boris Konev. Monodic temporal resolution.

ACM Transactions on Computational Logic, 7(1):108–150, January 2006. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Dovier:2006:DRS

[DFO06]

Agostino Dovier, Andrea Formisano, and Eugenio G. Omodeo. Decidability results for sets with atoms. *ACM Transactions on Computational Logic*, 7(2):269–301, April 2006. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Durand:2007:FOQ

[DG07]

Arnaud Durand and Etienne Grandjean. First-order queries on structures of bounded degree are computable with constant delay. *ACM Transactions on Computational Logic*, 8(4):21:1–21:??, August 2007. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Dowek:2012:PNL

[DG12]

Gilles Dowek and Murdoch J. Gabbay. Permissive-nominal logic: First-order logic over nominal terms and sets. *ACM Transactions on Computational Logic*, 13(3):20:1–20:??, August 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Dawar:2004:IFP

[DGK04]

Anuj Dawar, Erich Grädel, and Stephan Kreutzer. Infla-

tionary fixed points in modal logic. *ACM Transactions on Computational Logic*, 5(2):282–315, April 2004. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

DeBoer:2004:PCT

[DGM04]

Frank S. De Boer, Maurizio Gabbrielli, and Maria Chiara Meo. Proving correctness of timed concurrent constraint programs. *ACM Transactions on Computational Logic*, 5(4):706–731, October 2004. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

DiGiusto:2012:EPM

[DGM12]

Cinzia Di Giusto, Maurizio Gabbrielli, and Maria Chiara Meo. On the expressive power of multiple heads in CHR. *ACM Transactions on Computational Logic*, 13(1):6:1–6:??, January 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Danos:2002:PGS

[DH02]

Vincent Danos and Russell S. Harmer. Probabilistic game semantics. *ACM Transactions on Computational Logic*, 3(3):359–382, July 2002. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Daca:2017:FSM

[DHKP17]

Przemysław Daca, Thomas A. Henzinger, Jan Kretínský, and Tatjana Petrov. Faster

- statistical model checking for unbounded temporal properties. *ACM Transactions on Computational Logic*, 18(2):12:1–12:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [DKS06]
- [DHL12] Sebastian Danicic, Robert M. Hierons, and Michael R. Laurence. Complexity of data dependence problems for program schemas with concurrency. *ACM Transactions on Computational Logic*, 13(2):15:1–15:??, April 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [DKS17]
- [DHS16] Brijesh Dongol, Ian J. Hayes, and Georg Struth. Con-
volution as a unifying concept: Applications in separation logic, interval calculi, and concurrency. *ACM Transactions on Computational Logic*, 17(3):15:1–15:??, July 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [DL04]
- [DK12] Arnaud Durand and Juha Kontinen. Hierarchies in dependence logic. *ACM Transactions on Computational Logic*, 13(4):31:1–31:??, October 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [DL09]
- [Dix:2006:HTP] Jürgen Dix, Sarit Kraus, and V. S. Subrahmanian. Heterogeneous temporal probabilistic agents. *ACM Transactions on Computational Logic*, 7(1):151–198, January 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DeHaan:2017:PCF] Ronald De Haan, Iyad Kanj, and Stefan Szeider. On the parameterized complexity of finding small unsatisfiable subsets of CNF formulas and CSP instances. *ACM Transactions on Computational Logic*, 18(3):21:1–21:??, August 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DeNicola:2004:MLM] Rocco De Nicola and Michele Loreti. A modal logic for mobile agents. *ACM Transactions on Computational Logic*, 5(1):79–128, January 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Demri:2009:LFQ] Stéphane Demri and Ranko Lazić. LTL with the freeze quantifier and register automata. *ACM Transactions on Computational Logic*, 10

(3):16:1–16:??, April 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

DeGiacomo:2001:IEG

[DLS01] Giuseppe De Giacomo, Hector J. Levesque, and Sebastian Sardiña. Incremental execution of guarded theories. *ACM Transactions on Computational Logic*, 2(4):495–525, October 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Dapic:2017:QCS

[DMM17] Petar Dapić, Petar Marković, and Barnaby Martin. Quantified constraint satisfaction problem on semicomplete digraphs. *ACM Transactions on Computational Logic*, 18(1):2:1–2:??, April 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Dima:2018:RPT

[DMP18] Catalin Dima, Bastien Maubert, and Sophie Pinchinat. Relating paths in transition systems: The fall of the modal Mu-calculus. *ACM Transactions on Computational Logic*, 19(3):23:1–23:??, September 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Desharnais:2006:KAD

[DMS06] Jules Desharnais, Bernhard Möller, and Georg Struth. Kleene algebra with domain.

ACM Transactions on Computational Logic, 7(4):798–833, October 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Donini:2002:DLM

[DNR02] Francesco M. Donini, Daniele Nardi, and Riccardo Rosati. Description logics of minimal knowledge and negation as failure. *ACM Transactions on Computational Logic*, 3(2):177–225, April 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Dix:2000:PAP

[DNS00] Jürgen Dix, Mirco Nanni, and V. S. Subrahmanian. Probabilistic agent programs. *ACM Transactions on Computational Logic*, 1(2):208–246, 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-2/p208-dix/>.

Dovier:2008:UAC

[DPR08] Agostino Dovier, Carla Piazza, and Gianfranco Rossi. A uniform approach to constraint-solving for lists, multisets, compact lists, and sets. *ACM Transactions on Computational Logic*, 9(3):15:1–15:??, June 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [Dra16] **Drabent:2016:CCL**
 Włodzimierz Drabent. Correctness and completeness of logic programs. *ACM Transactions on Computational Logic*, 17(3):18:1–18:??, July 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DST13] **Dyckhoff:2013:APT**
 Roy Dyckhoff, Mehrnoosh Sadrzadeh, and Julien Truffaut. Algebra, proof theory and applications for an intuitionistic logic of propositions, actions and adjoint modal operators. *ACM Transactions on Computational Logic*, 14(4):34:1–34:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DSTW13] **Delgrande:2013:MTA**
 James Delgrande, Torsten Schaub, Hans Tompits, and Stefan Woltran. A model-theoretic approach to belief change in answer set programming. *ACM Transactions on Computational Logic*, 14(2):14:1–14:??, June 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DT08] **Denecker:2008:LNI**
 Marc Denecker and Eugenia Ternovska. A logic of nonmonotone inductive definitions. *ACM Transactions on Computational Logic*, 9(2):14:1–14:??, March 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DT10] **Dershowitz:2010:CPP**
 Nachum Dershowitz and Iddo Tzameret. Complexity of propositional proofs under a promise. *ACM Transactions on Computational Logic*, 11(3):18:1–18:??, May 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [DZ13] **Danvy:2013:TST**
 Olivier Danvy and Ian Zerny. Three syntactic theories for combinatory graph reduction. *ACM Transactions on Computational Logic*, 14(4):29:1–29:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [EEH17a] **Eberhard:2017:ACF**
 Sebastian Eberhard, Gabriel Ebner, and Stefan Hetzl. Algorithmic compression of finite tree languages by rigid acyclic grammars. *ACM Transactions on Computational Logic*, 18(4):26:1–26:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [EEH17b] **Eickmeyer:2017:SOI**
 Kord Eickmeyer, Michael Elberfeld, and Frederik Har-

- wath. Succinctness of order-invariant logics on depth-bounded structures. *ACM Transactions on Computational Logic*, 18(4):33:1–33:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [EFW07]
- Eisner:2014:SLW**
- [EFH14] Cindy Eisner, Dana Fisman, and John Havlicek. Safety and liveness, weakness and strength, and the underlying topological relations. *ACM Transactions on Computational Logic*, 15(2):13:1–13:??, April 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [EGT16]
- Eiter:2004:LPA**
- [EFL⁺04] Thomas Eiter, Wolfgang Faber, Nicola Leone, Gerald Pfeifer, and Axel Polleres. A logic programming approach to knowledge-state planning: Semantics and complexity. *ACM Transactions on Computational Logic*, 5(2):206–263, April 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [EH01]
- Eiter:2005:RAE**
- [EFST05] Thomas Eiter, Michael Fink, Giuliana Sabbatini, and Hans Tompits. Reasoning about evolving nonmonotonic knowledge bases. *ACM Transactions on Computational Logic*, 6(2):389–440, April 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Eiter:2007:SCC]
- Thomas Eiter, Michael Fink, and Stefan Woltran. Semantical characterizations and complexity of equivalences in answer set programming. *ACM Transactions on Computational Logic*, 8(3):17:1–17:??, July 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Elberfeld:2016:WFO]
- Michael Elberfeld, Martin Grohe, and Till Tantau. Where first-order and monadic second-order logic coincide. *ACM Transactions on Computational Logic*, 17(4):25:1–25:??, November 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Engelfriet:2001:MDS]
- Joost Engelfriet and Hendrik Jan Hoogeboom. MSO definable string transductions and two-way finite-state transducers. *ACM Transactions on Computational Logic*, 2(2):216–254, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-2/p216-engelfriet/p216-engelfriet.pdf>; <http://www.acm.org/pubs/citations/>

journals/tocl/2001-2-2/
p216-engelfriet/.

Eiter:2011:WFS

- [EILS11] Thomas Eiter, Giovambattista Ianni, Thomas Lukasiewicz, and Roman Schindlauer. Well-founded semantics for description logic programs in the Semantic Web. *ACM Transactions on Computational Logic*, 12(2):11:1–11:??, January 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Echenim:2020:BSR

- [EIP20] Mnacho Echenim, Radu Iosif, and Nicolas Peltier. The Bernays–Schönfinkel–Ramsey class of separation logic with uninterpreted predicates. *ACM Transactions on Computational Logic*, 21(3):19:1–19:46, May 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3380809>.

Echenim:2013:ISN

- [EP13] Mnacho Echenim and Nicolas Peltier. Instantiation schemes for nested theories. *ACM Transactions on Computational Logic*, 14(2):11:1–11:??, June 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Eiter:2010:FDN

- [EŠ10] Thomas Eiter and Mantas

Šimkus. FDNC: Decidable nonmonotonic disjunctive logic programs with function symbols. *ACM Transactions on Computational Logic*, 11(2):14:1–14:??, January 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Egly:2001:PCR

- [ET01] Uwe Egly and Hans Tompits. Proof-complexity results for nonmonotonic reasoning. *ACM Transactions on Computational Logic*, 2(3):340–387, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2001-2-3/p340-egly/>.

East:2006:PCB

- [ET06] Deborah East and Miroslaw Truszczyński. Predicate-calculus-based logics for modeling and solving search problems. *ACM Transactions on Computational Logic*, 7(1):38–83, January 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Eickmeyer:2020:MCO

- [EvdHK+20] Kord Eickmeyer, Jan van den Heuvel, Ken-Ichi Kawarabayashi, Stephan Kreutzer, Patrice Ossona De Mendez, Michał Pilipczuk, Daniel A. Quiroz, Roman Rabinovich, and Sebastian Siebertz. Model-checking on ordered struc-

- tures. *ACM Transactions on Computational Logic*, 21(2):11:1–11:28, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3360011>. [FDP01]
- Etessami:2012:MCR**
- [EY12] Kousha Etessami and Mihalis Yannakakis. Model checking of recursive probabilistic systems. *ACM Transactions on Computational Logic*, 13(2):12:1–12:??, April 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Feng:2020:MTO**
- [FCGQ20] Shiguang Feng, Claudia Carapelle, Oliver Fernández Gil, and Karin Quaas. MTL and TPTL for one-counter machines: Expressiveness, model checking, and satisfiability. *ACM Transactions on Computational Logic*, 21(2):12:1–12:34, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3372789>. [FDY14]
- Ferraris:2011:LPP**
- [FD14] David Fernández-Duque. Non-finite axiomatizability of dynamic topological logic. *ACM Transactions on Computational Logic*, 15(1):4:1–4:??, February 2014. CODEN ????
- ISSN 1529-3785 (print), 1557-945X (electronic).
- Fisher:2001:CTR**
- Michael Fisher, Clare Dixon, and Martin Peim. Clausal temporal resolution. *ACM Transactions on Computational Logic*, 2(1):12–56, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-1/p12-fisher/p12-fisher.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2001-2-1/p12-fisher/>.
- Feng:2014:SBQ**
- Yuan Feng, Yuxin Deng, and Mingsheng Ying. Symbolic bisimulation for quantum processes. *ACM Transactions on Computational Logic*, 15(2):14:1–14:??, April 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Fernandez-Duque:2014:NFA**
- [Fer11] Paolo Ferraris. Logic programs with propositional connectives and aggregates. *ACM Transactions on Computational Logic*, 12(4):25:1–25:??, July 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- Fairweather:2018:TNR**
- [FF18] Elliot Fairweather and Mari-
bel Fernández. Typed nom-
inal rewriting. *ACM Trans-
actions on Computational
Logic*, 19(1):6:1–6:??, Febru-
ary 2018. CODEN ???? ISSN
1529-3785 (print), 1557-945X
(electronic). [FFF15]
- Fiorentini:2020:DBU**
- [FF20] Camillo Fiorentini and Mauro
Ferrari. Duality between un-
provability and provability
in forward refutation-search
for intuitionistic propositional
logic. *ACM Transactions on
Computational Logic*, 21(3):
22:1–22:47, May 2020. CO-
DEN ???? ISSN 1529-
3785 (print), 1557-945X (elec-
tronic). URL [https://dl.
acm.org/doi/abs/10.1145/
3372299](https://dl.acm.org/doi/abs/10.1145/3372299). [FFP15]
- Ferrari:2005:CDP**
- [FFF05] Mauro Ferrari, Camillo Fioren-
tini, and Guido Fiorino. On
the complexity of the dis-
junction property in intu-
itionistic and modal logics.
*ACM Transactions on Com-
putational Logic*, 6(3):519–
538, July 2005. CODEN ????
ISSN 1529-3785 (print), 1557-
945X (electronic). [FHK00]
- Ferrari:2012:SRI**
- [FFF12] Mauro Ferrari, Camillo Fioren-
tini, and Guido Fiorino. Sim-
plification rules for intuition-
istic propositional tableaux.
*ACM Transactions on Com-
putational Logic*, 13(2):14:1–
14:??, April 2012. CODEN
???? ISSN 1529-3785 (print),
1557-945X (electronic).
- Ferrari:2015:EDD**
- Mauro Ferrari, Camillo Fioren-
tini, and Guido Fiorino.
An evaluation-driven decision
procedure for G3i. *ACM
Transactions on Computa-
tional Logic*, 16(1):8:1–8:??,
March 2015. CODEN ????
ISSN 1529-3785 (print), 1557-
945X (electronic).
- Fazzinga:2015:CPA**
- Bettina Fazzinga, Sergio
Flesca, and Francesco Parisi.
On the complexity of prob-
abilistic abstract argumen-
tation frameworks. *ACM
Transactions on Computa-
tional Logic*, 16(3):22:1–22:??,
July 2015. CODEN ????
ISSN 1529-3785 (print), 1557-
945X (electronic).
- Friedman:2000:FOC**
- Nir Friedman, Joseph Y.
Halpern, and Daphne Koller.
First-order conditional logic
for default reasoning revis-
ited. *ACM Transactions
on Computational Logic*, 1
(2):175–207, 2000. CODEN
???? ISSN 1529-3785 (print),
1557-945X (electronic). URL
[http://www.acm.org/pubs/
citations/journals/tocl/
2000-1-2/p175-friedman/](http://www.acm.org/pubs/citations/journals/tocl/2000-1-2/p175-friedman/).

- [Fig12] **Figueira:2012:DDX**
 Diego Figueira. Decidability of downward XPath. *ACM Transactions on Computational Logic*, 13(4):34:1–34:??, October 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [FLM⁺15]
- [FKL15] **Friedmann:2015:RBI**
 Oliver Friedmann, Felix Klaedtke, and Martin Lange. Ramsey-based inclusion checking for visibly pushdown automata. *ACM Transactions on Computational Logic*, 16(4):34:1–34:??, November 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [FMS16]
- [FKN17] **Fuhs:2017:VPP**
 Carsten Fuhs, Cynthia Kop, and Naoki Nishida. Verifying procedural programs via constrained rewriting induction. *ACM Transactions on Computational Logic*, 18(2):14:1–14:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [FMZV15]
- [FL20] **Fan:2020:RMB**
 Tuan-Fang Fan and Churn-Jung Liao. Reason-maintenance belief logic with uncertain information. *ACM Transactions on Computational Logic*, 21(1):3:1–3:32, January 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3355608. [Fon15]
- Filmus:2015:SSS**
 Yuval Filmus, Massimo Lauria, Mladen Miksa, Jakob Nordström, and Marc Vinyals. From small space to small width in resolution. *ACM Transactions on Computational Logic*, 16(4):28:1–28:??, November 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Facchini:2016:IPG]
- Facchini:2016:IPG**
 Alessandro Facchini, Filip Murlak, and Michal Skrzypczak. Index problems for game automata. *ACM Transactions on Computational Logic*, 17(4):24:1–24:??, November 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Felgenhauer:2015:LSP]
- Felgenhauer:2015:LSP**
 Bertram Felgenhauer, Aart Middeldorp, Harald Zankl, and Vincent Van Oostrom. Layer systems for proving confluence. *ACM Transactions on Computational Logic*, 16(2):14:1–14:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Fontaine:2015:WIH]
- Fontaine:2015:WIH**
 Gaëlle Fontaine. Why is it hard to obtain a dichotomy for consistent query answering? *ACM Transactions on*

Computational Logic, 16(1):7:1–7:??, March 2015. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).

Fijalkow:2017:MSO

- [FP17] Nathanaël Fijalkow and Charles Paperman. Monadic second-order logic with arbitrary monadic predicates. *ACM Transactions on Computational Logic*, 18(3):20:1–20:??, August 2017. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [FS15b]

Frigeri:2014:FTL

- [FPS14] Achille Frigeri, Liliana Pasquale, and Paola Spoletini. Fuzzy time in linear temporal logic. *ACM Transactions on Computational Logic*, 15(4):30:1–30:??, September 2014. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [FS16]

Furia:2010:TSC

- [FR10] Carlo A. Furia and Matteo Rossi. A theory of sampling for continuous-time metric temporal logic. *ACM Transactions on Computational Logic*, 12(1):8:1–8:??, October 2010. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [GC12]

Fichte:2015:BND

- [FS15a] Johannes K. Fichte and Stefan Szeider. Backdoors to normality for disjunctive logic

programs. *ACM Transactions on Computational Logic*, 17(1):7:1–7:??, December 2015. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).

Furusawa:2015:CDA

Hitoshi Furusawa and Georg Struth. Concurrent dynamic algebra. *ACM Transactions on Computational Logic*, 16(4):30:1–30:??, November 2015. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).

Furusawa:2016:TM

Hitoshi Furusawa and Georg Struth. Taming multirelations. *ACM Transactions on Computational Logic*, 17(4):28:1–28:??, November 2016. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).

Gurfinkel:2012:RVB

Arie Gurfinkel and Marsha Chechik. Robust vacuity for branching temporal logic. *ACM Transactions on Computational Logic*, 13(1):1:1–1:??, January 2012. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).

Gall:2018:OSC

Daniel Gall and Thom Frühwirth. An operational semantics for the cognitive architecture ACT-R and its

- translation to constraint handling rules. *ACM Transactions on Computational Logic*, 19(3):22:1–22:??, September 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [GGS20]
- [GGKT12] Naghmeh Ghafari, Arie Gurfinkel, Nils Klarlund, and Richard Trefer. Reachability problems in piecewise FIFO systems. *ACM Transactions on Computational Logic*, 13(1):7:1–7:??, January 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GGOP09] Laura Giordano, Valentina Gliozzi, Nicola Olivetti, and Gian Luca Pozzato. Analytic tableaux calculi for KLM logics of nonmonotonic reasoning. *ACM Transactions on Computational Logic*, 10(3):18:1–18:??, April 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GGOS09] Laura Giordano, Valentina Gliozzi, Nicola Olivetti, and Camilla Schwind. Tableau calculus for preference-based conditional logics: PCL and its extensions. *ACM Transactions on Computational Logic*, 10(3):21:1–21:??, April 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GGSS11] Adrià Gascón, Guillem Godoy, and Manfred Schmidt-Schauss. Unification and matching on compressed terms. *ACM Transactions on Computational Logic*, 12(4):26:1–26:??, July 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GGV02] Georg Gottlob, Erich Grädel, and Helmut Veith. Datalog LITE: a deductive query language with linear time model checking. *ACM Transactions on Computational Logic*, 3(1):42–79, January 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GHJP03] Erich Grädel, Joseph Y. Halpern, Radha Jagadeesan, Silvio Ghilardi, Maria João Gouveia, and Luigi Santocanale. Fixed-point elimination in the intuitionistic propositional calculus. *ACM Transactions on Computational Logic*, 21(1):4:1–4:37, January 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3359669.

Ghafari:2012:RPP**Ghilardi:2020:FPE****Giordano:2009:ATC****Gascon:2011:UMC****Giordano:2009:TCP****Gottlob:2002:DLD****Gradel:2003:LSI**

- and Adolfo Piperno. LICS 2001 special issue. *ACM Transactions on Computational Logic*, 4(3):295, July 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GJKW17] **Geerts:2008:FOC**
 Floris Geerts, Sofie Haevoets, and Bart Kuijpers. First-order complete and computationally complete query languages for spatio-temporal databases. *ACM Transactions on Computational Logic*, 9(2):13:1–13:??, March 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GHO02] **Gradel:2002:BFB**
 Erich Grädel, Colin Hirsch, and Martin Otto. Back and forth between guarded and modal logics. *ACM Transactions on Computational Logic*, 3(3):418–463, July 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GJ12] **Goldblatt:2012:WSP**
 Robert Goldblatt and Marcel Jackson. Well-structured program equivalence is highly undecidable. *ACM Transactions on Computational Logic*, 13(3):26:1–26:??, August 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GJL15] **Goller:2015:CDM**
 Stefan Göller, Jean-Christoph Jung, and Markus Lohrey. The complexity of decomposing modal and first-order theories. *ACM Transactions on Computational Logic*, 16(1):9:1–9:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GK08] **Genaim:2008:INS**
 Samir Genaim and Andy King. Inferring non-suspension conditions for logic programs with dynamic scheduling. *ACM Transactions on Computational Logic*, 9(3):17:1–17:??, June 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GK09] **Gnaedig:2009:TRU**
 Isabelle Gnaedig and Hélène Kirchner. Termination of rewriting under strategies. *ACM Transactions on Computational Logic*, 10(2):10:1–
- Groote:2017:ACS**
 Jan Friso Groote, David N. Jansen, Jeroen J. A. Keiren, and Anton J. Wijs. An $O(m \log n)$ algorithm for computing stuttering equivalence and branching bisimulation. *ACM Transactions on Computational Logic*, 18(2):13:1–13:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- 10:??, February 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [GK18] **Garlik:2018:SSC** [GL10] Michal Garlík and Leszek Aleksander Kołodziejczyk. Some subsystems of constant-depth Frege with parity. *ACM Transactions on Computational Logic*, 19(4):29:1–29:??, December 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3243126. [GL13]
- [GKNS19] **Geck:2019:PCC** Gaetano Geck, Bas Ketsman, Frank Neven, and Thomas Schwentick. Parallel-correctness and containment for conjunctive queries with union and negation. *ACM Transactions on Computational Logic*, 20(3):18:1–18:??, July 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3329120. [GL14]
- [GKR18] **Goranko:2018:GTS** Valentin Goranko, Antti Kuusisto, and Raine Rönnholm. Game-theoretic semantics for alternating-time temporal logic. *ACM Transactions on Computational Logic*, 19(3):17:1–17:??, September 2018. [GLSG15]
- CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Galesi:2010:OSD** Nicola Galesi and Massimo Lauria. Optimality of size-degree tradeoffs for polynomial calculus. *ACM Transactions on Computational Logic*, 12(1):4:1–4:??, October 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Gaintzarain:2013:LFM** Jose Gaintzarain and Paqui Lucio. Logical foundations for more expressive declarative temporal logic programming languages. *ACM Transactions on Computational Logic*, 14(4):28:1–28:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Goller:2014:RPR** Stefan Göller and Anthony Widjaja Lin. Refining the process rewrite systems hierarchy via ground tree rewrite systems. *ACM Transactions on Computational Logic*, 15(4):26:1–26:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Geneves:2015:EDC** Pierre Genevès, Nabil Layaïda, Alan Schmitt, and Nils Gilbert. Efficiently deciding μ -

calculus with converse over finite trees. *ACM Transactions on Computational Logic*, 16(2):16:1–16:??, March 2015. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Givan:2002:PTC

[GM02]

Robert Givan and David McAllester. Polynomial-time computation via local inference relations. *ACM Transactions on Computational Logic*, 3(4):521–541, October 2002. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

[GMS12]

Rocca. An implicit characterization of PSPACE. *ACM Transactions on Computational Logic*, 13(2):18:1–18:??, April 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Gelade:2012:DCF

Wouter Gelade, Marcel Marquardt, and Thomas Schwentick. The dynamic complexity of formal languages. *ACM Transactions on Computational Logic*, 13(3):19:1–19:??, August 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Gabrielli:2009:CSC

[GM09a]

Maurizio Gabrielli and Maria Meo. A compositional semantics for CHR. *ACM Transactions on Computational Logic*, 10(2):11:1–11:??, February 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Chiara
[GMS20]

Goncharov:2020:TUT

Sergey Goncharov, Stefan Milius, and Alexandra Silva. Toward a uniform theory of effectful state machines. *ACM Transactions on Computational Logic*, 21(3):23:1–23:63, May 2020. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3372880>.

Guerrini:2009:PTC

[GM09b]

Stefano Guerrini and Andrea Masini. Proofs, tests and continuation passing style. *ACM Transactions on Computational Logic*, 10(2):12:1–12:??, February 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

[GN11]

Gurevich:2011:LIP

Yuri Gurevich and Itay Neeman. Logic of infons: The propositional case. *ACM Transactions on Computational Logic*, 12(2):9:1–9:??, January 2011. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Gaboardi:2012:ICP

[GMR12]

Marco Gaboardi, Jean-Yves Marion, and Simona Ronchi Della

- [GN12] **Gelade:2012:SCI**
Wouter Gelade and Frank Neven. Succinctness of the complement and intersection of regular expressions. *ACM Transactions on Computational Logic*, 13(1):4:1–4:??, January 2012. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).
- [GNT04] **Godoy:2004:CTR**
Guillem Godoy, Robert Nieuwenhuis, and Ashish Tiwari. Classes of term rewrite systems with polynomial confluence problems. *ACM Transactions on Computational Logic*, 5(2):321–331, April 2004. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).
- [GNZ08] **Ghilardi:2008:CCF**
Silvio Ghilardi, Enrica Nicolini, and Daniele Zucchelli. A comprehensive combination framework. *ACM Transactions on Computational Logic*, 9(2):8:1–8:??, March 2008. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).
- [GPW10] **Gottlob:2010:MDF**
Georg Gottlob, Reinhard Pichler, and Fang Wei. Monadic datalog over finite structures of bounded treewidth. *ACM Transactions on Computational Logic*, 12(1):3:1–3:??, October 2010. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).
- [GRS05] **Giacobazzi:2005:MAD**
Roberto Giacobazzi, Francesco Ranzato, and Francesca Scozzari. Making abstract domains condensing. *ACM Transactions on Computational Logic*, 6(1):33–60, January 2005. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).
- [GS00] **Grohe:2000:LOI**
Martin Grohe and Thomas Schwentick. Locality of order-invariant first-order formulas. *ACM Transactions on Computational Logic*, 1(1):112–130, July 2000. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p112-grohe/>.
- [GS02] **Grohe:2002:FOT**
Martin Grohe and Luc Segoufin. On first-order topological queries. *ACM Transactions on Computational Logic*, 3(3):336–358, July 2002. CODEN ????, ISSN 1529-3785 (print), 1557-945X (electronic).
- [GS09] **Goranko:2009:TBD**
Valentin Goranko and Dmitry Shkatov. Tableau-based decision procedures for logics

- of strategic ability in multi-agent systems. *ACM Transactions on Computational Logic*, 11(1):3:1–3:??, October 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Gul18]
- [GS13a] **Gastin:2013:FSA**
Paul Gastin and Nathalie Sznajder. Fair synthesis for asynchronous distributed systems. *ACM Transactions on Computational Logic*, 14(2):9:1–9:??, June 2013. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Gur00]
- [GS13b] **Gebser:2013:TCL**
Martin Gebser and Torsten Schaub. Tableau calculi for logic programs under answer set semantics. *ACM Transactions on Computational Logic*, 14(2):15:1–15:??, June 2013. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [GV04]
- [Gug07] **Guglielmi:2007:SIS**
Alessio Guglielmi. A system of interaction and structure. *ACM Transactions on Computational Logic*, 8(1):??, January 2007. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Ham18]
- [Gui09] **Guidi:2009:FS**
Ferruccio Guidi. The formal system $\lambda\delta$. *ACM Transactions on Computational Logic*, 11(1):5:1–5:??, October 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Guller:2018:ADG]
- Guller:2018:ADG**
Dusan Guller. Automated deduction in Gödel logic. *ACM Transactions on Computational Logic*, 19(3):18:1–18:??, September 2018. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Gurevich:2000:SAS]
- Gurevich:2000:SAS**
Yuri Gurevich. Sequential abstract-state machines capture sequential algorithms. *ACM Transactions on Computational Logic*, 1(1):77–111, July 2000. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p77-gurevich/>. [Griffioen:2004:TNS]
- Griffioen:2004:TNS**
David Griffioen and Frits Vaandrager. A theory of normed simulations. *ACM Transactions on Computational Logic*, 5(4):577–610, October 2004. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [Hamano:2018:GIM]
- Hamano:2018:GIM**
Masahiro Hamano. Geometry of interaction for MALL via Hughes–Van Glabbeek proof-nets. *ACM Transactions on Computational Logic*, 19(4):25:1–25:??, December

2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3234694.
- [Han18] **Hannula:2018:HIL** Miika Hannula. Hierarchies in inclusion logic with lax semantics. *ACM Transactions on Computational Logic*, 19(3):16:1–16:??, September 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HGS07] **Hung:2007:PIX** Edward Hung, Lise Getoor, and V. S. Subrahmanian. Probabilistic interval XML. *ACM Transactions on Computational Logic*, 8(4):24:1–24:??, August 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HCGT18] **Hou:2018:MLS** Zhé Hóu, Ranald Clouston, Rajeev Goré, and Alwen Tiu. Modular labelled sequent calculi for abstract separation logics. *ACM Transactions on Computational Logic*, 19(2):13:1–13:??, June 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HK15a] **Halamish:2015:MDL** Shulamit Halamish and Orna Kupferman. Minimizing deterministic lattice automata. *ACM Transactions on Computational Logic*, 16(1):1:1–1:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HCMS13] **Heras:2013:CPH** Jónathan Heras, Thierry Coquand, Anders Mörtberg, and Vincent Siles. Computing persistent homology within Coq/SSReflect. *ACM Transactions on Computational Logic*, 14(4):26:1–26:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Hes05] **Hesselink:2005:EVP** Wim H. Hesselink. Eternity variables to prove simulation of specifications. *ACM Transactions on Computational Logic*, 6(1):175–201, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HK15b] **Hampson:2015:UPB** Christopher Hampson and Agi Kurucz. Undecidable propositional bimodal logics and one-variable first-order linear temporal logics with counting. *ACM Transactions on Computational Logic*, 16(3):27:1–27:??, July 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HKMV20] **Hella:2020:SMI** Lauri Hella, Antti Kuusisto, Arne Meier, and Herbert Vollmer. Satisfiability

- ity of modal inclusion logic: Lax and strict semantics. *ACM Transactions on Computational Logic*, 21(1):7:1–7:18, January 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3356043. [HLPW20]
- [HKO19] Xiaowei Huang, Marta Kwiatkowska, and Maciej Olejnik. Reasoning about cognitive trust in stochastic multiagent systems. *ACM Transactions on Computational Logic*, 20(4):21:1–21:??, September 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3329123. [HLT07]
- [HKVV18] Miika Hannula, Juha Kontinen, Jonni Virtema, and Heribert Vollmer. Complexity of propositional logics in team semantic. *ACM Transactions on Computational Logic*, 19(1):2:1–2:??, February 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [HMOS17]
- [HLM13] Andreas Herzig, Jerome Lang, and Pierre Marquis. Propositional update operators based on formula/literal dependence. *ACM Transactions on Computational Logic*, 14(3):24:1–24:??, August 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Hernich:2020:DOM**
- André Hernich, Carsten Lutz, Fabio Papacchini, and Frank Wolter. Dichotomies in ontology-mediated querying with the guarded fragment. *ACM Transactions on Computational Logic*, 21(3):20:1–20:47, May 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3375628>.
- Hitchcock:2007:ACD**
- John M. Hitchcock, Jack H. Lutz, and Sebastiaan A. Terwijn. The arithmetical complexity of dimension and randomness. *ACM Transactions on Computational Logic*, 8(2):??, April 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Hague:2017:CPA**
- Matthew Hague, Andrzej S. Murawski, C.-H. Luke Ong, and Olivier Serre. Collapsible pushdown automata and recursion schemes. *ACM Transactions on Computational Logic*, 18(3):25:1–25:??, August 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Huang:2019:RAC**
- Hannula:2018:CPL**
- Herzig:2013:PUO**

- [HMR05] **Henzinger:2005:CST** Thomas A. Henzinger, Rupak Majumdar, and Jean-François Raskin. A classification of symbolic transition systems. *ACM Transactions on Computational Logic*, 6(1):1–32, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HS10] **Hofmann:2010:PPP** Martin Hofmann and Ulrich Schöpp. Pure pointer programs with iteration. *ACM Transactions on Computational Logic*, 11(4):26:1–26:??, July 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HP03] **Harland:2003:RDB** James Harland and David Pym. Resource-distribution via Boolean constraints. *ACM Transactions on Computational Logic*, 4(1):56–90, January 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HS15] **Heule:2015:SAC** Marijn J. H. Heule and Stefan Szeider. A SAT approach to clique-width. *ACM Transactions on Computational Logic*, 16(3):24:1–24:??, July 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HP05] **Harper:2005:ECF** Robert Harper and Frank Pfenning. On equivalence and canonical forms in the LF type theory. *ACM Transactions on Computational Logic*, 6(1):61–101, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HSTW20] **Herbreteau:2020:WLT** Frédéric Herbreteau, B. Sri-vathsan, Thanh-Tung Tran, and Igor Walukiewicz. Why liveness for timed automata is hard, and what we can do about it. *ACM Transactions on Computational Logic*, 21(3):17:1–17:28, May 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3372310>.
- [HRW17] **Haret:2017:MHF** Adrian Haret, Stefan Rümmele, and Stefan Woltran. Merging in the Horn fragment. *ACM Transactions on Computational Logic*, 18(1):6:1–6:??, April 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [HTAC19] **Horne:2019:MDN** Ross Horne, Alwen Tiu, Bogdan Aman, and Gabriel Ciobanu. De Morgan dual nominal quantifiers modelling private names in non-commutative logic. *ACM*

- Transactions on Computational Logic*, 20(4):22:1–22:??, September 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3325821. [HW10]
- Hughes:2005:PNU**
- [HV05] Dominic J. D. Hughes and Rob J. Van Glabbeek. Proof nets for unit-free multiplicative-additive linear logic. *ACM Transactions on Computational Logic*, 6(4):784–842, October 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [ILNR09]
- Huang:2018:ESL**
- [HV18] Xiaowei Huang and Ron Van Der Meyden. An epistemic strategy logic. *ACM Transactions on Computational Logic*, 19(4):26:1–26:??, December 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3233769. [IS04]
- Heymans:2008:OAS**
- [HVV08] Stijn Heymans, Davy Van Nieuwenborgh, and Dirk Vermeir. Open answer set programming with guarded programs. *ACM Transactions on Computational Logic*, 9(4):26:1–26:??, August 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [IS06]
- Horbach:2010:SFD**
- Matthias Horbach and Christoph Weidenbach. Superposition for fixed domains. *ACM Transactions on Computational Logic*, 11(4):27:1–27:??, July 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Iocchi:2009:RAA**
- Luca Iocchi, Thomas Lukasiewicz, Daniele Nardi, and Riccardo Rosati. Reasoning about actions with sensing under qualitative and probabilistic uncertainty. *ACM Transactions on Computational Logic*, 10(1):5:1–5:??, January 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Ignjatovic:2004:SAL**
- Aleksandar Ignjatovic and Arun Sharma. Some applications of logic to feasibility in higher types. *ACM Transactions on Computational Logic*, 5(2):332–350, April 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Impagliazzo:2006:CDF**
- Russell Impagliazzo and Nathan Segerlind. Constant-depth Frege systems with counting axioms polynomially simulate Nullstellensatz refutations. *ACM Transactions on Computational Logic*, 7(2):

- 199–218, April 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [JNS⁺06]
- [Jap06a] **Japaridze:2006:PCLa**
Giorgi Japaridze. Propositional computability logic I. *ACM Transactions on Computational Logic*, 7(2):302–330, April 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Jap06b] **Japaridze:2006:PCLb**
Giorgi Japaridze. Propositional computability logic II. *ACM Transactions on Computational Logic*, 7(2):331–362, April 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [JR15]
- [JK09] **Jones:2009:FCM**
Neil D. Jones and Lars Kristiansen. A flow calculus of *mwp*-bounds for complexity analysis. *ACM Transactions on Computational Logic*, 10(4):28:1–28:??, August 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Kar13]
- [JL11] **Jurdzinski:2011:AAD**
Marcin Jurdziński and Ranko Lazić. Alternating automata on data trees and XPath satisfiability. *ACM Transactions on Computational Logic*, 12(3):19:1–19:??, May 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Janhunen:2006:UPD**
Tomi Janhunen, Ilkka Niemelä, Dietmar Seipel, Patrik Simons, and Jia-Huai You. Unfolding partiality and disjunctions in stable model semantics. *ACM Transactions on Computational Logic*, 7(1):1–37, January 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Jouannaud:2015:NHO**
Jean-Pierre Jouannaud and Albert Rubio. Normal higher-order termination. *ACM Transactions on Computational Logic*, 16(2):13:1–13:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Kartzow:2013:FOL**
Alexander Kartzow. First-order logic on higher-order nested pushdown trees. *ACM Transactions on Computational Logic*, 14(2):8:1–8:??, June 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Kawamura:2009:DR**
Akitoshi Kawamura. Differential recursion. *ACM Transactions on Computational Logic*, 10(3):22:1–22:??, April 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Kaw09]

- [KB11] **Khan:2011:LIS**
Md. Aquil Khan and Mohua Banerjee. Logics for information systems and their dynamic extensions. *ACM Transactions on Computational Logic*, 12(4):29:1–29:??, July 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [KE19] **Klinkhamer:2019:VLF**
Alex Klinkhamer and Ali Ebzenasir. On the verification of livelock-freedom and self-stabilization on parameterized rings. *ACM Transactions on Computational Logic*, 20(3):16:1–16:??, July 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3326456.
- [KHST12] **Kjos-Hanssen:2012:ACE**
Bjørn Kjos-Hanssen, Frank Stephan, and Jason Teutsch. Arithmetic complexity via effective names for random sequences. *ACM Transactions on Computational Logic*, 13(3):24:1–24:??, August 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [KI17] **Kojima:2017:HLG**
Kensuke Kojima and Atsushi Igarashi. A Hoare logic for GPU kernels. *ACM Transactions on Computational Logic*, 18(1):3:1–3:??, April 2017.
- [KKLJU14] **Komosinski:2014:IEA**
Maciej Komosinski, Adam Kups, Dorota Leszczyńska-Jasion, and Mariusz Urbański. Identifying efficient abductive hypotheses using multicriteria dominance relation. *ACM Transactions on Computational Logic*, 15(4):28:1–28:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [KKW10] **Kahler:2010:DSP**
Detlef Kähler, Ralf Küsters, and Thomas Wilke. Deciding strategy properties of contract-signing protocols. *ACM Transactions on Computational Logic*, 11(3):17:1–17:??, May 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Kla08] **Klaedtke:2008:BAS**
Felix Klaedtke. Bounds on the automata size for Presburger arithmetic. *ACM Transactions on Computational Logic*, 9(2):11:1–11:??, March 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [KM10] **Kaminski:2010:CSI**
Michael Kaminski and Simone Martini. CSL 2008 special issue. *ACM Transactions on Computational Logic*, 11(4):
- CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- 21:1–21:??, July 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [KNPHZ13] Roman Kontchakov, Yavor Nenov, Ian Pratt-Hartmann, and Michael Zakharyashev. Topological logics with connectedness over Euclidean spaces. *ACM Transactions on Computational Logic*, 14(2):13:1–13:??, June 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Kol05] Phokion G. Kolaitis. LICS 2003 special issue. *ACM Transactions on Computational Logic*, 6(4):674, October 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Kon09] Juha Kontinen. A logical characterization of the counting hierarchy. *ACM Transactions on Computational Logic*, 10(1):7:1–7:??, January 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Koz00] Dexter Kozen. On Hoare logic and Kleene algebra with tests. *ACM Transactions on Computational Logic*, 1(1):60–76, July 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p60-kozen/>.
- [KP18] Md. Aquil Khan and Vineeta Singh Patel. A simple modal logic for reasoning in multigranulation rough set model. *ACM Transactions on Computational Logic*, 19(4):30:1–30:??, December 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3274664.
- [Kra15] Simon Kramer. Logic of intuitionistic interactive proofs (formal theory of perfect knowledge transfer). *ACM Transactions on Computational Logic*, 16(4):35:1–35:??, November 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [KRH13] Markus Krötzsch, Sebastian Rudolph, and Pascal Hit-

Kontchakov:2013:TLC**Khan:2018:SML****Kolaitis:2005:LSI****Kaminski:2002:RQA****Kontinen:2009:LCC****Kramer:2015:LII****Kozen:2000:HLK****Krotzsch:2013:CHD**

- zler. Complexities of Horn description logics. *ACM Transactions on Computational Logic*, 14(1):2:1–2:??, February 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [KS13b]
- [KRS05] Bakhadyr Khoussainov, Sasha Rubin, and Frank Stephan. Automatic linear orders and trees. *ACM Transactions on Computational Logic*, 6(4):675–700, October 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [KRW12] Jeroen J. A. Keiren, Michel A. Reniers, and Tim A. C. Willemse. Structural analysis of Boolean equation systems. *ACM Transactions on Computational Logic*, 13(1):8:1–8:??, January 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [KS17]
- [KS13a] Wojciech Kazana and Luc Segoufin. Enumeration of monadic second-order queries on trees. *ACM Transactions on Computational Logic*, 14(4):25:1–25:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Ketema:2013:LUB] Jeroen Ketema and Jakob Grue Simonsen. Least upper bounds on the size of confluence and Church–Rosser diagrams in term rewriting and λ -calculus. *ACM Transactions on Computational Logic*, 14(4):31:1–31:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Kraus:2015:HHH] Nicolai Kraus and Christian Sattler. Higher homotopies in a hierarchy of univalent universes. *ACM Transactions on Computational Logic*, 16(2):18:1–18:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Krebs:2017:ECA] Andreas Krebs and Howard Straubing. An effective characterization of the alternation hierarchy in two-variable logic. *ACM Transactions on Computational Logic*, 18(4):30:1–30:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Kozen:2003:SLP] Dexter Kozen and Jerzy Tiuryn. Substructural logic and partial correctness. *ACM Transactions on Computational Logic*, 4(3):355–378,

July 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Kopczynski:2015:VHF

[KT15]

Eryk Kopczyński and Tony Tan. On the variable hierarchy of first-order spectra. *ACM Transactions on Computational Logic*, 16(2):17:1–17:??, March 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Kieronski:2018:FST

[KT18]

Emanuel Kieroński and Lidia Tendera. Finite satisfiability of the two-variable guarded fragment with transitive guards and related variants. *ACM Transactions on Computational Logic*, 19(2):8:1–8:??, June 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Kupferman:2001:WAA

[KV01]

Orna Kupferman and Moshe Y. Vardi. Weak alternating automata are not that weak. *ACM Transactions on Computational Logic*, 2(3):408–429, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2001-2-3/p408-kupferman/>.

Korovin:2005:KBC

[KV05a]

Konstantin Korovin and Andrei Voronkov. Knuth–Bendix

constraint solving is NP-complete. *ACM Transactions on Computational Logic*, 6(2):361–388, April 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Kupferman:2005:LTB

[KV05b]

Orna Kupferman and Moshe Y. Vardi. From linear time to branching time. *ACM Transactions on Computational Logic*, 6(2):273–294, April 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Kutz:2003:LMS

[KWS⁺03]

Oliver Kutz, Frank Wolter, Holger Sturm, Nobu-Yuki Suzuki, and Michael Zakaryashev. Logics of metric spaces. *ACM Transactions on Computational Logic*, 4(2):260–294, April 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Lahav:2013:USF

[LA13]

Ori Lahav and Arnon Avron. A unified semantic framework for fully structural propositional sequent systems. *ACM Transactions on Computational Logic*, 14(4):27:1–27:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Lazic:2011:SA

[Laz11]

Ranko Lazić. Safety alternating automata on data words.

- [LF01] *ACM Transactions on Computational Logic*, 12(2):10:1–10:??, January 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LB07] Shuvendu K. Lahiri and Randal E. Bryant. Predicate abstraction with indexed predicates. *ACM Transactions on Computational Logic*, 9(1):4:1–4:??, December 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LDJ+18] Yongjian Li, Kaiqiang Duan, David N. Jansen, Jun Pang, Lijun Zhang, Yi Lv, and Shaowei Cai. An automatic proving approach to parameterized verification. *ACM Transactions on Computational Logic*, 19(4):27:1–27:??, December 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3232164.
- [Les18] Pierre Lescanne. Quantitative aspects of linear and affine closed Lambda terms. *ACM Transactions on Computational Logic*, 19(2):9:1–9:??, June 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Lia05] Churn-Jung Liau. A modal logic framework for multi-agent belief fusion. *ACM Transactions on Computational Logic*, 6(1):124–174, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Lia05] Churn-Jung Liau. A modal logic framework for multi-agent belief fusion. *ACM Transactions on Computational Logic*, 6(1):124–174, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Lia05] Churn-Jung Liau. A modal logic framework for multi-agent belief fusion. *ACM Transactions on Computational Logic*, 6(1):124–174, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Lia05] Churn-Jung Liau. A modal logic framework for multi-agent belief fusion. *ACM Transactions on Computational Logic*, 6(1):124–174, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Lib00a] Paolo Liberatore. Compilability and compact representations of revision of Horn knowledge bases. *ACM Transactions on Computational Logic*, 1(1):131–161, July 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p131-liberatore/>.
- [Lib00b] Leonid Libkin. Logics with counting and local properties. *ACM Transactions on Computational Logic*, 1(1):33–59, July 2000. CODEN

Lavrac:2001:ETA

Nada Lavrač and Peter A. Flach. An extended transformation approach to inductive logic programming. *ACM Transactions on Computational Logic*, 2(4):458–494, October 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Liau:2005:MLF

Churn-Jung Liau. A modal logic framework for multi-agent belief fusion. *ACM Transactions on Computational Logic*, 6(1):124–174, January 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Liberatore:2000:CCR

Paolo Liberatore. Compilability and compact representations of revision of Horn knowledge bases. *ACM Transactions on Computational Logic*, 1(1):131–161, July 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p131-liberatore/>.

Libkin:2000:LCL

Leonid Libkin. Logics with counting and local properties. *ACM Transactions on Computational Logic*, 1(1):33–59, July 2000. CODEN

- ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p33-libkin/>. [Lib07]
- Libkin:2001:LCL**
- [Lib01] Leonid Libkin. Logics capturing local properties. *ACM Transactions on Computational Logic*, 2(1):135–153, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-1/p135-libkin/p135-libkin.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2001-2-1/p135-libkin/>. [LL15]
- Libkin:2003:VIF**
- [Lib03] Leonid Libkin. Variable independence for first-order definable constraints. *ACM Transactions on Computational Logic*, 4(4):431–451, October 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [LLM⁺07]
- Liberatore:2006:CRD**
- [Lib06] Paolo Liberatore. Complexity results on DPLL and resolution. *ACM Transactions on Computational Logic*, 7(1):84–107, January 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Liberatore:2007:WFS**
- Paolo Liberatore. Where fail-safe default logics fail. *ACM Transactions on Computational Logic*, 8(2):??, April 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Liberatore:2016:BME**
- Paolo Liberatore. Belief merging by examples. *ACM Transactions on Computational Logic*, 17(2):9:1–9:??, March 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Leino:2015:APS**
- K. Rustan M. Leino and Paqui Lucio. An assertional proof of the stability and correctness of Natural Merge-sort. *ACM Transactions on Computational Logic*, 17(1):6:1–6:22, December 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Laplante:2007:PAM**
- Sophie Laplante, Richard Lassaigne, Frédéric Magniez, Sylvain Peyronnet, and Michel de Rougemont. Probabilistic abstraction for model checking: an approach based on property testing. *ACM Transactions on Computational Logic*, 8(4):20:1–20:??, August 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [LM02] **Luttgen:2002:IBS**
 Gerald Lüttgen and Michael Mendler. The intuitionism behind Statecharts steps. *ACM Transactions on Computational Logic*, 3(1):1–41, January 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LMS17] **Luck:2017:PCS**
 Martin Lück, Arne Meier, and Irena Schindler. Parametrised complexity of satisfiability in temporal logic. *ACM Transactions on Computational Logic*, 18(1):1:1–1:??, April 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LMTV19] **Leone:2019:FQA**
 Nicola Leone, Marco Manna, Giorgio Terracina, and Pierfrancesco Veltri. Fast query answering over existential rules. *ACM Transactions on Computational Logic*, 20(2):12:1–12:??, April 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3308448.
- [LOS19] **Lodha:2019:SAB**
 Neha Lodha, Sebastian Ordyniak, and Stefan Szeider. A SAT approach to branchwidth. *ACM Transactions on Computational Logic*, 20(3):15:1–15:??, July 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LOW16] **Lazic:2016:ZHH**
 Ranko Lazić, Joël Ouaknine, and James Worrell. Zeno, Hercules, and the Hydra: Safety metric temporal logic is Ackermann-complete. *ACM Transactions on Computational Logic*, 17(3):16:1–16:??, July 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LP19] **Lellmann:2019:MSC**
 Björn Lellmann and Elaine Pimentel. Modularisation of sequent calculi for normal and non-normal modalities. *ACM Transactions on Computational Logic*, 20(2):7:1–7:??, April 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3288757.
- [LPF⁺06] **Leone:2006:DSK**
 Nicola Leone, Gerald Pfeifer, Wolfgang Faber, Thomas Eiter, Georg Gottlob, Simona Perri, and Francesco Scarcello. The DLV system for knowledge representation and reasoning. *ACM Transactions on Computational Logic*, 7(3):499–562, July 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

LeRoux:2018:MG

- [LPR18] Stéphane Le Roux, Arno Pauly, and Jean-François Raskin. Minkowski games. *ACM Transactions on Computational Logic*, 19(3):20:1–20:??, September 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [LS15]

Lazic:2015:NCB

Ranko Lazić and Sylvain Schmitz. Nonelementary complexities for branching VASS, MELL, and extensions. *ACM Transactions on Computational Logic*, 16(3):20:1–20:??, July 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Lifschitz:2001:SEL

- [LPV01] Vladimir Lifschitz, David Pearce, and Agustín Valverde. Strongly equivalent logic programs. *ACM Transactions on Computational Logic*, 2(4):526–541, October 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [LSS04]

Loyer:2004:HBS

Yann Loyer, Nicolas Spyratos, and Daniel Stamate. Hypothesis-based semantics of logic programs in multivalued logics. *ACM Transactions on Computational Logic*, 5(3):508–527, July 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Lifschitz:2006:WTM

- [LR06] Vladimir Lifschitz and Alexander Razborov. Why are there so many loop formulas? *ACM Transactions on Computational Logic*, 7(2):261–268, April 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [LT03]

Lonc:2003:FPC

Zbigniew Lonc and Mirosław Trzuszczński. Fixed-parameter complexity of semantics for logic programs. *ACM Transactions on Computational Logic*, 4(1):91–119, January 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Liberatore:2007:CPA

- [LS07] Paolo Liberatore and Marco Schaerf. Compilability of propositional abduction. *ACM Transactions on Computational Logic*, 8(1):??, January 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [LT09]

Lanotte:2009:PBC

Ruggero Lanotte and Simone Tini. Probabilistic bisimulation as a congruence. *ACM Transactions on Computational Logic*, 10(2):9:1–9:??, February 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

- [Luk01] **Lukasiewicz:2001:PLP**
 Thomas Lukasiewicz. Probabilistic logic programming with conditional constraints. *ACM Transactions on Computational Logic*, 2(3):289–339, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2001-2-3/p289-lukasiewicz/>
- [Lut04] **Lutz:2004:NTC**
 Carsten Lutz. NEXP TIME-complete description logics with concrete domains. *ACM Transactions on Computational Logic*, 5(4):669–705, October 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LV12] **Levy:2012:NUH**
 Jordi Levy and Mateu Vilaret. Nominal unification from a higher-order perspective. *ACM Transactions on Computational Logic*, 13(2):10:1–10:??, April 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LvdMR00] **Lomuscio:2000:KMS**
 Alessio R. Lomuscio, Ron van der Meyden, and Mark Ryan. Knowledge in multi-agent systems: initial configurations and broadcast. *ACM Transactions on Computational Logic*, 1(2):247–284, 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/citations/journals/tocl/2000-1-2/p247-lomuscio/>.
- [LW08] **Lasota:2008:ATA**
 Slawomir Lasota and Igor Walukiewicz. Alternating timed automata. *ACM Transactions on Computational Logic*, 9(2):10:1–10:??, March 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LW10] **Legay:2010:ORM**
 Axel Legay and Pierre Wolper. On (Omega-)regular model checking. *ACM Transactions on Computational Logic*, 12(1):2:1–2:??, October 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LW15] **Lumsdaine:2015:LUM**
 Peter Lefanu Lumsdaine and Michael A. Warren. The local universes model: an overlooked coherence construction for dependent type theories. *ACM Transactions on Computational Logic*, 16(3):23:1–23:??, July 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [LWG13] **Larchey-Wendling:2013:NPS**
 Dominique Larchey-Wendling and Didier Galmiche. Non-deterministic phase seman-

tics and the undecidability of Boolean BI. *ACM Transactions on Computational Logic*, 14(1):6:1–6:??, February 2013. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Lin:2007:RCA

[LY07] Fangzhen Lin and Jia-Huai You. Recycling computed answers in rewrite systems for abduction. *ACM Transactions on Computational Logic*, 8(2):??, April 2007. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Lynch:2005:CLR

[Lyn05] James F. Lynch. Convergence law for random graphs with specified degree sequence. *ACM Transactions on Computational Logic*, 6(4):727–748, October 2005. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Lahav:2019:PSC

[LZ19] Ori Lahav and Yoni Zohar. Pure sequent calculi: Analyticity and decision procedure. *ACM Transactions on Computational Logic*, 20(3):13:1–13:??, July 2019. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3319501.

Mamouras:2016:HLD

[Mam16] Konstantinos Mamouras. The Hoare logic of determin-

istic and nondeterministic monadic recursion schemes. *ACM Transactions on Computational Logic*, 17(2):13:1–13:??, March 2016. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Madalinska-Bugaj:2012:GQE

[MBN12] Ewa Madalińska-Bugaj and Linh Anh Nguyen. A generalized QSQR evaluation method for Horn knowledge bases. *ACM Transactions on Computational Logic*, 13(4):32:1–32:??, October 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Menghi:2020:MCM

[MBRS20] Claudio Menghi, Marcello M. Bersani, Matteo Rossi, and Pierluigi San Pietro. Model checking MITL formulae on timed automata: a logic-based approach. *ACM Transactions on Computational Logic*, 21(3):26:1–26:44, May 2020. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3383687>.

McKinley:2013:PNH

[McK13] Richard McKinley. Proof nets for Herbrand’s theorem. *ACM Transactions on Computational Logic*, 14(1):5:1–5:??, February 2013. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

- [Mie04] Pawel Mielniczuk. Basic theory of feature trees. *ACM Transactions on Computational Logic*, 5(3):385–402, July 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MMPV14] Fabio Mogavero, Aniello Murano, Giuseppe Perelli, and Moshe Y. Vardi. Reasoning about strategies: On the model-checking problem. *ACM Transactions on Computational Logic*, 15(4):34:1–34:??, November 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MM02] Raymond C. McDowell and Dale A. Miller. Reasoning with higher-order abstract syntax in a logical framework. *ACM Transactions on Computational Logic*, 3(1):80–136, January 2002. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MM07] Annabelle McIver and Carroll Morgan. Results on the quantitative μ -calculus $qM\mu$. *ACM Transactions on Computational Logic*, 8(1):??, January 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MM12] Florent Madelaine and Barnaby Martin. The complexity of positive first-order logic without equality. *ACM Transactions on Computational Logic*, 13(1):5:1–5:??, January 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MN12] Sara Miner More and Pavel Naumov. Calculus of cooperation and game-based reasoning about protocol privacy. *ACM Transactions on Computational Logic*, 13(3):22:1–22:??, August 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MNPS20] Manuel Montenegro, Susana Nieva, Ricardo Peña, and Clara Segura. Extending liquid types to arrays. *ACM Transactions on Computational Logic*, 21(2):13:1–13:41, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3362740>.
- [MO06] Andrzej S. Murawski and C.-H. Luke Ong. Fast verification of MLL proof nets via IMLL. *ACM Transactions*

Mielniczuk:2004:BTF**Mogavero:2014:RAS****McDowell:2002:RHO****More:2012:CCG****McIver:2007:RQC****Montenegro:2020:ELT****Madelaine:2012:CPF****Murawski:2006:FVM**

- on *Computational Logic*, 7(3): 473–498, July 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MO12] Kazuhisa Makino and Hiro-taka Ono. Deductive inference for the interiors and exteriors of Horn theories. *ACM Transactions on Computational Logic*, 13(3):23:1–23:??, August 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MOK15] Jakub Michaliszyn, Jan Otop, and Emanuel Kieroński. On the decidability of elementary modal logics. *ACM Transactions on Computational Logic*, 17(1):2:1–2:??, December 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Moy09] Jean-Yves Moyen. Resource control graphs. *ACM Transactions on Computational Logic*, 10(4):29:1–29:??, August 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MP03] Alberto Momigliano and Frank Pfenning. Higher-order pattern complement and the strict λ -calculus. *ACM Transactions on Computational Logic*, 4(4):493–529, October 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MP09] George Metcalfe, Nicola Olivetti, and Dov Gabbay. Sequent and hypersequent calculi for abelian and Lukasiewicz logics. *ACM Transactions on Computational Logic*, 6(3):578–613, July 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MR03] Fred Mesnard and Salvatore Ruggieri. On proving left termination of constraint logic programs. *ACM Transactions on Computational Logic*, 4(2): 207–259, April 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [MSS14] Cristian Molinaro, Amy Sliva, and V. S. Subrahmanian. Super-solutions: Succinctly representing solutions in abductive annotated probabilis-
- Makino:2012:DII**
- Momigliano:2003:HOP**
- Metcalfe:2005:SHC**
- Marion:2009:SIS**
- Michaliszyn:2015:DEM**
- Mesnard:2003:PLT**
- Molinaro:2014:SSS**
- Moyen:2009:RCG**

tic temporal logic. *ACM Transactions on Computational Logic*, 15(3):18:1–18:??, September 2014. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Miller:2005:PTG

[MT05]

Dale Miller and Alwen Tiu. A proof theory for generic judgments. *ACM Transactions on Computational Logic*, 6(4):749–783, October 2005. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Murawski:2005:AUP

[Mur05]

Andrzej S. Murawski. About the undecidability of program equivalence in finitary languages with state. *ACM Transactions on Computational Logic*, 6(4):701–726, October 2005. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Michel:2004:DBI

[MV04]

Laurent Michel and Pascal Van Hentenryck. A decomposition-based implementation of search strategies. *ACM Transactions on Computational Logic*, 5(2):351–383, April 2004. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Marchioni:2015:LGL

[MW15]

Enrico Marchioni and Michael Wooldridge. Lukasiwicz

games: a logic-based approach to quantitative strategic interactions. *ACM Transactions on Computational Logic*, 16(4):33:1–33:??, November 2015. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Mastroeni:2017:APS

[MZ17]

Isabella Mastroeni and Damiano Zanardini. Abstract program slicing: an abstract interpretation-based approach to program slicing. *ACM Transactions on Computational Logic*, 18(1):7:1–7:??, April 2017. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Nguyen:2012:CPD

[NC12]

Phuong Nguyen and Stephen Cook. The complexity of proving the Discrete Jordan Curve Theorem. *ACM Transactions on Computational Logic*, 13(1):9:1–9:??, January 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Nalon:2019:MRP

[NDH19]

Cláudia Nalon, Clare Dixon, and Ulrich Hustadt. Modal resolution: Proofs, layers, and refinements. *ACM Transactions on Computational Logic*, 20(4):23:1–23:??, September 2019. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://>

//dl.acm.org/ft_gateway.cfm?id=3331448.

Nielson:2011:MAC

[NNN11]

Flemming Nielson, Sebastian Nanz, and Hanne Riis Nielson. Modal abstractions of concurrent behavior. *ACM Transactions on Computational Logic*, 12(3):18:1–18:??, May 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Nordstrom:2012:RSP

[Nor12]

Jakob Nordström. On the relative strength of pebbling and resolution. *ACM Transactions on Computational Logic*, 13(2):16:1–16:??, April 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Nanevski:2008:CMT

[NPP08]

Aleksandar Nanevski, Frank Pfenning, and Brigitte Pientka. Contextual modal type theory. *ACM Transactions on Computational Logic*, 9(3):23:1–23:??, June 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Novakovic:2015:PSC

[NS15]

Novak Novaković and Lutz Straßburger. On the power of substitution in the calculus of structures. *ACM Transactions on Computational Logic*, 16(3):19:1–19:??, July 2015.

CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Neider:2018:CSP

[NSM18]

Daniel Neider, Shambwaditya Saha, and P. Madhusudan. Compositional synthesis of piece-wise functions by learning classifiers. *ACM Transactions on Computational Logic*, 19(2):10:1–10:??, June 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Neven:2018:FSM

[NSST18]

Frank Neven, Nicole Schweikardt, Frederic Servais, and Tony Tan. Finite-state map-reduce computation and relational algebra queries. *ACM Transactions on Computational Logic*, 19(2):14:1–14:??, June 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Neven:2004:FSM

[NSV04]

Frank Neven, Thomas Schwentick, and Victor Vianu. Finite state machines for strings over infinite alphabets. *ACM Transactions on Computational Logic*, 5(3):403–435, July 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Namjoshi:2010:CCR

[NT10]

Kedar S. Namjoshi and Richard J. Treffer. On the completeness of compositional

- reasoning methods. *ACM Transactions on Computational Logic*, 11(3):16:1–16:??, May 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Pau00]
- [NT17] Pavel Naumov and Jia Tao. Information flow under budget constraints. *ACM Transactions on Computational Logic*, 18(4):32:1–32:??, December 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). **Naumov:2017:IFU**
- [NV19] Jim Newton and Didier Verna. A theoretical and numerical analysis of the worst-case size of reduced ordered binary decision diagrams. *ACM Transactions on Computational Logic*, 20(1):6:1–6:??, February 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3274279. **Newton:2019:TNA**
- [PDHR14] María Poza, César Domínguez, Jónathan Heras, and Julio Rubio. A certified reduction strategy for homological image processing. *ACM Transactions on Computational Logic*, 15(3):23:1–23:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). **Poza:2014:CRS**
- [OPS07] Nicola Olivetti, Gian Luca Pozzato, and Camilla B. Schwind. A sequent calculus and a theorem prover for standard conditional logics. *ACM Transactions on Computational Logic*, 8(4):22:1–22:??, August 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). **Olivetti:2007:SCT**
- [Pie09] Brigitte Pientka. Higher-order term indexing using substitution trees. *ACM Transactions on Computational Logic*, 30(1):1–1:??, January 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). **Pientka:2009:HOT**
- Lawrence C. Paulson. Mechanizing UNITY in Isabelle. *ACM Transactions on Computational Logic*, 1(1):3–32, July 2000. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2000-1-1/p3-paulson/p3-paulson.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2000-1-1/p3-paulson/>. **Paulson:2000:MUI**
- Lawrence C. Paulson. Defining functions on equivalence classes. *ACM Transactions on Computational Logic*, 7(4):658–675, October 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). **Paulson:2006:DFE**

- 11(1):6:1–6:??, October 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Pit20] Andrew M. Pitts. Typal heterogeneous equality types. *ACM Transactions on Computational Logic*, 21(3):25:1–25:10, May 2020. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3379447>.
- [PKW12] Pavlos Peppas, Costas D. Koutras, and Mary-Anne Williams. Maps in multiple belief change. *ACM Transactions on Computational Logic*, 13(4):30:1–30:??, October 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Pla15] André Platzer. Differential game logic. *ACM Transactions on Computational Logic*, 17(1):1:1–1:??, December 2015. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Pla17] André Platzer. Differential hybrid games. *ACM Transactions on Computational Logic*, 18(3):19:1–19:??, August 2017. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [PQ07] Marco Pedicini and Francesco Quaglia. PELCR: Parallel environment for optimal lambda-calculus reduction. *ACM Transactions on Computational Logic*, 8(3):14:1–14:??, July 2007. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Pra13] M. Praveen. Does treewidth help in modal satisfiability? *ACM Transactions on Computational Logic*, 14(3):18:1–18:??, August 2013. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [PS17] Denis Ponomaryov and Mikhail Soutchanski. Progression of decomposed local-effect action theories. *ACM Transactions on Computational Logic*, 18(2):16:1–16:??, June 2017. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [PSS18] Wied Pakusa, Svenja Schalhöfer, and Erkal Selman. Definability of Cai–Fürer–Immerman problems in choiceless polynomial time. *ACM Transactions on Computational Logic*, 19(2):7:1–7:??, June 2018. CODEN ????? ISSN 1529-

3785 (print), 1557-945X (electronic).

Place:2020:AST

[PZ20]

Thomas Place and Marc Zeitoun. Adding successor: a transfer theorem for separation and covering. *ACM Transactions on Computational Logic*, 21(2):9:1–9:45, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3356339>.

Quaas:2019:SDW

[QS19]

Karin Quaas and Mahsa Shirmohammadi. Synchronizing data words for register automata. *ACM Transactions on Computational Logic*, 20(2):11:1–11:??, April 2019. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3309760.

Rabinovich:2007:CL

[Rab07]

Alexander Rabinovich. On compositionality and its limitations. *ACM Transactions on Computational Logic*, 8(1):??, January 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Rabe:2015:LTM

[Rab15]

Florian Rabe. Lax theory morphisms. *ACM Transactions on Computational*

Logic, 17(1):5:1–5:??, December 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Rabe:2018:MTR

[Rab18]

Florian Rabe. A modular type reconstruction algorithm. *ACM Transactions on Computational Logic*, 19(4):24:1–24:??, December 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3234693.

Ratschan:2004:CAS

[Rat04]

Stefan Ratschan. Convergent approximate solving of first-order constraints by approximate quantifiers. *ACM Transactions on Computational Logic*, 5(2):264–281, April 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Ratschan:2006:ESQ

[Rat06]

Stefan Ratschan. Efficient solving of quantified inequality constraints over the real numbers. *ACM Transactions on Computational Logic*, 7(4):723–748, October 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Reiter:2001:KBP

[Rei01]

Ray Reiter. On knowledge-based programming with sensing in the situation calculus. *ACM Transactions*

on *Computational Logic*, 2(4):433–457, October 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Radcliffe:2017:UNF

- [RMV17] Nicholas R. Radcliffe, Luis F. T. Moraes, and Rakesh M. Verma. Uniqueness of normal forms for shallow term rewrite systems. *ACM Transactions on Computational Logic*, 18(2):17:1–17:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Rabe:2013:LRL

- [RS13] Florian Rabe and Kristina Sojakova. Logical relations for a logical framework. *ACM Transactions on Computational Logic*, 14(4):32:1–32:??, November 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Riguzzi:2014:TEL

- [RS14] Fabrizio Riguzzi and Terrence Swift. Terminating evaluation of logic programs with finite three-valued models. *ACM Transactions on Computational Logic*, 15(4):32:1–32:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Rybina:2001:DPT

- [RV01] Tatiana Rybina and Andrei Voronkov. A decision proce-

dure for term algebras with queues. *ACM Transactions on Computational Logic*, 2(2):155–181, 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-2/p155-rybina/p155-rybina.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2001-2-2/p155-rybina/>.

Rondogiannis:2005:MMS

- [RW05] Panos Rondogiannis and William W. Wadge. Minimum model semantics for logic programs with negation-as-failure. *ACM Transactions on Computational Logic*, 6(2):441–467, April 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Sietsma:2013:CKE

- [SA13] Floor Sietsma and Krzysztof R. Apt. Common knowledge in email exchanges. *ACM Transactions on Computational Logic*, 14(3):23:1–23:??, August 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Sakama:2005:IAS

- [Sak05] Chiaki Sakama. Induction from answer sets in nonmonotonic logic programs. *ACM Transactions on Computational Logic*, 6(2):203–231, April 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

ISSN 1529-3785 (print), 1557-945X (electronic).

Salibra:2003:TIO

[Sal03] Antonino Salibra. Topological incompleteness and order incompleteness of the lambda calculus. *ACM Transactions on Computational Logic*, 4(3): 379–401, July 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Sangiorgi:2017:ECU

[San17] Davide Sangiorgi. Equations, contractions, and unique solutions. *ACM Transactions on Computational Logic*, 18(1): 4:1–4:??, April 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Saurin:2010:TSC

[Sau10] Alexis Saurin. Typing streams in the $\Lambda\mu$ -calculus. *ACM Transactions on Computational Logic*, 11(4):28:1–28:??, July 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Shakarian:2013:UGA

[SBSM13] Paulo Shakarian, Matthias Broecheler, V. S. Subrahmanian, and Cristian Molinaro. Using generalized annotated programs to solve social network diffusion optimization problems. *ACM Transactions on Computational Logic*, 14(2):10:1–10:??, June 2013. CODEN ???? ISSN 1529-

3785 (print), 1557-945X (electronic).

Son:2006:DDK

[SBTM06] Tran Cao Son, Chitta Baral, Nam Tran, and Sheila McIlraith. Domain-dependent knowledge in answer set planning. *ACM Transactions on Computational Logic*, 7(4): 613–657, October 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Schweikardt:2005:AFO

[Sch05] Nicole Schweikardt. Arithmetic, first-order logic, and counting quantifiers. *ACM Transactions on Computational Logic*, 6(3):634–671, July 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Schwartz:2015:DRS

[Sch15] Daniel G. Schwartz. Dynamic reasoning systems. *ACM Transactions on Computational Logic*, 16(4):32:1–32:??, November 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Simari:2013:PAQ

[SDSS13] Gerardo I. Simari, John P. Dickerson, Amy Sliva, and V. S. Subrahmanian. Parallel abductive query answering in probabilistic logic programs. *ACM Transactions on Computational Logic*, 14(2):12:1–12:??, June 2013. CODEN

- ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [SDW14] **Schellhorn:2014:SCP**
 Gerhard Schellhorn, John Derrick, and Heike Wehrheim. A sound and complete proof technique for linearizability of concurrent data structures. *ACM Transactions on Computational Logic*, 15(4):31:1–31:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [SG07]
- [Sei18] **Seiller:2018:IGN**
 Thomas Seiller. Interaction graphs: Non-deterministic automata. *ACM Transactions on Computational Logic*, 19(3):21:1–21:??, September 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [SH06]
- [Ser01] **Sergot:2001:CTN**
 Marek Sergot. A computational theory of normative positions. *ACM Transactions on Computational Logic*, 2(4):581–622, October 2001. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [SH07]
- [SFL17] **Su:2017:PJL**
 Che-Ping Su, Tuan-Fang Fan, and Churn-Jung Liau. Possibilistic justification logic: Reasoning about justified uncertain beliefs. *ACM Transactions on Computational Logic*, 18(2):15:1–15:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [Sho07]
- Shoham:2007:GBF**
 Sharon Shoham and Orna Grumberg. A game-based framework for CTL counterexamples and 3-valued abstraction-refinement. *ACM Transactions on Computational Logic*, 9(1):1:1–1:??, December 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Stone:2006:EES**
 Christopher A. Stone and Robert Harper. Extensional equivalence and singleton types. *ACM Transactions on Computational Logic*, 7(4):676–722, October 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Schmidt:2007:ATP**
 Renate A. Schmidt and Ullrich Hustadt. The axiomatic translation principle for modal logic. *ACM Transactions on Computational Logic*, 8(4):19:1–19:??, August 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- Shen:2008:RRL**
 Yi-Dong Shen. Reasoning with recursive loops under the PLP framework. *ACM*

Transactions on Computational Logic, 9(4):27:1–27:??, August 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Sakama:2008:CAS

[SI08]

Chiaki Sakama and Katsumi Inoue. Coordination in answer set programming. *ACM Transactions on Computational Logic*, 9(2):9:1–9:??, March 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Simmons:2014:SF

[Sim14]

Robert J. Simmons. Structural focalization. *ACM Transactions on Computational Logic*, 15(3):21:1–21:??, September 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Simonsen:2015:CRS

[Sim15]

Jakob Grue Simonsen. A confluent rewriting system having no computable, one-step, normalizing strategy. *ACM Transactions on Computational Logic*, 16(2):10:1–10:??, February 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Schockaert:2012:FEL

[SJV12]

Steven Schockaert, Jeroen Janssen, and Dirk Vermeir. Fuzzy equilibrium logic: Declarative problem solving in continuous domains. *ACM*

Transactions on Computational Logic, 13(4):33:1–33:??, October 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Schneider-Kamp:2009:ATP

[SKGST09]

Peter Schneider-Kamp, Jürgen Giesl, Alexander Serebrenik, and René Thiemann. Automated termination proofs for logic programs by term rewriting. *ACM Transactions on Computational Logic*, 11(1):2:1–2:??, October 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Sojakova:2016:ETP

[Soj16]

Kristina Sojakova. The equivalence of the torus and the product of two circles in homotopy type theory. *ACM Transactions on Computational Logic*, 17(4):29:1–29:??, November 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Schroder:2009:PBR

[SP09]

Lutz Schröder and Dirk Pattinson. PSPACE bounds for rank-1 modal logics. *ACM Transactions on Computational Logic*, 10(2):13:1–13:??, February 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Santo:2011:CMS

[SP11]

José Espírito Santo and Luís Pinto. A calculus of multiary

- sequent terms. *ACM Transactions on Computational Logic*, 12(3):22:1–22:??, May 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [SPAV15] Anastasios Skarlatidis, Georgios Paliouras, Alexander Artikis, and George A. Vouros. Probabilistic event calculus for event recognition. *ACM Transactions on Computational Logic*, 16(2):11:1–11:??, February 2015. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [SPNS14] Tran Cao Son, Enrico Pontelli, Ngoc-Hieu Nguyen, and Chiaki Sakama. Formalizing negotiations using logic programming. *ACM Transactions on Computational Logic*, 15(2):12:1–12:??, April 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [SPSS11] Paulo Shakarian, Austin Parker, Gerardo Simari, and Venkatramana V. S. Subrahmanian. Annotated probabilistic temporal logic. *ACM Transactions on Computational Logic*, 12(2):14:1–14:??, January 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [SS07] Sofronie-Stokkermans:2007:UBD Viorica Sofronie-Stokkermans. On unification for bounded distributive lattices. *ACM Transactions on Computational Logic*, 8(2):??, April 2007. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [SSS12] Shakerian:2012:APT Paulo Shakarian, Gerardo I. Simari, and V. S. Subrahmanian. Annotated probabilistic temporal logic: Approximate fixpoint implementation. *ACM Transactions on Computational Logic*, 13(2):13:1–13:??, April 2012. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ST14] Schmidt:2014:UTD Renate A. Schmidt and Dmitry Tishkovsky. Using tableau to decide description logics with full role negation and identity. *ACM Transactions on Computational Logic*, 15(1):7:1–7:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ST15] Sebastiani:2015:OMT Roberto Sebastiani and Silvia Tomasi. Optimization modulo theories with linear rational costs. *ACM Transactions on Computational Logic*, 16(2):12:1–12:??, February 2015.

CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Stone:2005:DMG

- [Sto05] Matthew Stone. Disjunction and modular goal-directed proof search. *ACM Transactions on Computational Logic*, 6(3):539–577, July 2005. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [SV10]

Subramani:2004:OLT

- [Sub04] K. Subramani. Optimal length tree-like resolution refutations for 2SAT formulas. *ACM Transactions on Computational Logic*, 5(2):316–320, April 2004. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [SV18]

Schubert:2016:HHP

- [SUWC16] Aleksy Schubert, Pawel Urzyczyn, and Daria Walukiewicz-Chrzaszcz. How hard is positive quantification? *ACM Transactions on Computational Logic*, 17(4):30:1–30:??, November 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). [SY+03]

Seidl:2008:FOV

- [SV08] Helmut Seidl and Kumar Neera Verma. Flat and one-variable clauses: Complexity of verifying cryptographic protocols with single blind copying. *ACM Transactions on Computational Logic*, 9(4):28:1–

28:??, August 2008. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Samer:2010:DLS

Marko Samer and Helmut Veith. On the distributivity of LTL specifications. *ACM Transactions on Computational Logic*, 11(3):20:1–20:??, May 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Schroder:2018:CFC

Lutz Schröder and Yde Venema. Completeness of flat coalgebraic fixpoint logics. *ACM Transactions on Computational Logic*, 19(1):4:1–4:??, February 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Shen:2003:DAC

Yi-Dong Shen, Jia-Huai You, Li-Yan Yuan, Samuel S. P. Shen, and Qiang Yang. A dynamic approach to characterizing termination of general logic programs. *ACM Transactions on Computational Logic*, 4(4):417–430, October 2003. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Szeider:2011:MSO

Stefan Szeider. Monadic second order logic on graphs with local cardinality constraints. *ACM Transactions on Computational Logic*, 12(2):12:1–

- 12:??, January 2011. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Tan13] Tony Tan. Graph reachability and pebble automata over infinite alphabets. *ACM Transactions on Computational Logic*, 14(3):19:1–19:??, August 2013. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Tan14] Tony Tan. Extending two-variable logic on data trees with order on data values and its automata. *ACM Transactions on Computational Logic*, 15(1):8:1–8:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [TG18] Andrea Aler Tubella and Alessio Guglielmi. Subatomic proof systems: Splittable systems. *ACM Transactions on Computational Logic*, 19(1):5:1–5:??, February 2018. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [TM10] Alwen Tiu and Dale Miller. Proof search specifications of bisimulation and modal logics for the π -calculus. *ACM Transactions on Computational Logic*, 11(2):13:1–13:??, January 2010. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [TOD20] S. Tomović, Z. Ognjanović, and D. Doder. A first-order logic for reasoning about knowledge and probability. *ACM Transactions on Computational Logic*, 21(2):16:1–16:30, March 2020. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic). URL <https://dl.acm.org/doi/abs/10.1145/3359752>.
- [Tri09] Stavros Tripakis. Checking timed Büchi automata emptiness on simulation graphs. *ACM Transactions on Computational Logic*, 10(3):15:1–15:??, April 2009. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [Try16] Adam Trybus. Rational region-based affine logic of the real plane. *ACM Transactions on Computational Logic*, 17(3):21:1–21:??, July 2016. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).
- [TSH15] Jia Tao, Giora Slutzki, and Vasant Honavar. A conceptual framework for secrecy-preserving reasoning in knowl-

Tan:2013:GRP**Tomovic:2020:FOL****Tan:2014:ETV****Tripakis:2009:CTB****Tubella:2018:SPS****Trybus:2016:RRB****Tiu:2010:PSS****Tao:2015:CFS**

edge bases. *ACM Transactions on Computational Logic*, 16(1):3:1–3:??, March 2015. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Tucker:2002:ACA

- [TZ02] J. V. Tucker and J. I. Zucker. [Van18a] Abstract computability and algebraic specification. *ACM Transactions on Computational Logic*, 3(2):279–333, April 2002. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Tucker:2004:AVC

- [TZ04] J. V. Tucker and J. I. Zucker. [Van18b] Abstract versus concrete computation on metric partial algebras. *ACM Transactions on Computational Logic*, 5(4):611–668, October 2004. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Urban:2011:MML

- [UCB11] Christian Urban, James Cheney, and Stefan Berghofer. [vdBG12] Mechanizing the metatheory of LF. *ACM Transactions on Computational Logic*, 12(2):15:1–15:??, January 2011. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Udrea:2010:AR

- [URS10] Octavian Udrea, Diego Re- [VDS01] forgiato Recupero, and V. S. Subrahmanian. Annotated

RDF. *ACM Transactions on Computational Logic*, 11(2):10:1–10:??, January 2010. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

VanBakel:2018:CNP

Steffen Van Bakel. Characterisation of normalisation properties for $\lambda\mu$ using strict negated intersection types. *ACM Transactions on Computational Logic*, 19(1):3:1–3:??, February 2018. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

VanDenBerg:2018:PCP

Benno Van Den Berg. Path categories and propositional identity types. *ACM Transactions on Computational Logic*, 19(2):15:1–15:??, June 2018. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

vandenBerg:2012:TSM

Benno van den Berg and Richard Garner. Topological and simplicial models of identity types. *ACM Transactions on Computational Logic*, 13(1):3:1–3:??, January 2012. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).

Verbaeten:2001:TPL

Sofie Verbaeten, Danny De Schreye, and Konstantinos Sagonas. Termination proofs

- for logic programs with tabling. *ACM Transactions on Computational Logic*, 2(1):57–92, 2001. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-1/p57-verbaeten/p57-verbaeten.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2001-2-1/p57-verbaeten/>. [VHPP00]
- [VGD06] **Vennekens:2006:SOA**
 Joost Vennekens, David Gilis, and Marc Denecker. Splitting an operator: Algebraic modularity results for logics with fixpoint semantics. *ACM Transactions on Computational Logic*, 7(4):765–797, October 2006. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). See erratum [VGD07].
- [VGD07] **Vennekens:2007:ESO**
 Joost Vennekens, David Gilis, and Marc Denecker. Erratum to splitting an operator: Algebraic modularity results for logics with fixpoint semantics. *ACM Transactions on Computational Logic*, 8(1):??, January 2007. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). See [VGD06]. [VM09]
- [VH05] **Verma:2005:NDT**
 Rakesh Verma and Ara Hayrapetyan. A new decidability technique for ground term rewriting systems with applications. *ACM Transactions on Computational Logic*, 6(1):102–123, January 2005. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). [vanHentenryck:2000:SSO]
- vanHentenryck:2000:SSO**
 Pascal van Hentenryck, Laurent Perron, and Jean-François Puget. Search and strategies in OPL. *ACM Transactions on Computational Logic*, 1(2):285–320, 2000. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic). URL http://www.acm.org/pubs/citations/journals/tocl/2000-1-2/p285-van_hentenryck/.
- VanDenDries:2009:AC**
 Lou Van Den Dries and Yiannis N. Moschovakis. Arithmetic complexity. *ACM Transactions on Computational Logic*, 10(1):2:1–2:??, January 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- Voronkov:2001:HOP**
 Andrei Voronkov. How to optimize proof-search in modal logics: new methods of proving redundancy criteria for sequent calculi. *ACM Transactions on Computational Logic*, 2(2):182–215, 2001. CODEN ????? ISSN 1529-3785 (print),

- 1557-945X (electronic). URL <http://www.acm.org/pubs/articles/journals/tocl/2001-2-2/p182-voronkov/p182-voronkov.pdf>; <http://www.acm.org/pubs/citations/journals/tocl/2001-2-2/p182-voronkov/>. [Wro19]
- VandenBussche:2007:PTI**
- [VV07] Jan Van den Bussche and Stijn Vansummeren. Polymorphic type inference for the named nested relational calculus. *ACM Transactions on Computational Logic*, 9(1):3:1–3:??, December 2007. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [WT03]
- Verbitsky:2019:TBA**
- [VZ19] Oleg Verbitsky and Maksim Zhukovskii. Tight bounds on the asymptotic descriptive complexity of subgraph isomorphism. *ACM Transactions on Computational Logic*, 20(2):9:1–9:??, April 2019. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3303881. [WWSL16]
- Wittocx:2013:CPF**
- [WDB13] Johan Wittocx, Marc De-neckers, and Maurice Bruynooghe. Constraint propagation for first-order logic and inductive definitions. *ACM Transactions on Computational Logic*, 14(3):17:1–17:??, August 2013. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). [WWT15]
- Wrona:2019:CMI**
- Michał Wrona. The complexity of minimal inference problem for conservative constraint languages. *ACM Transactions on Computational Logic*, 20(2):8:1–8:??, April 2019. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic). URL https://dl.acm.org/ft_gateway.cfm?id=3301410.
- Wadler:2003:MEM**
- Philip Wadler and Peter Thiemann. The marriage of effects and monads. *ACM Transactions on Computational Logic*, 4(1):1–32, January 2003. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Wen:2016:MPT**
- Lian Wen, Kewen Wang, Yi-Dong Shen, and Fangzhen Lin. A model for phase transition of random answer-set programs. *ACM Transactions on Computational Logic*, 17(3):22:1–22:??, July 2016. CODEN ????. ISSN 1529-3785 (print), 1557-945X (electronic).
- Wang:2015:DLO**
- Zhe Wang, Kewen Wang, and Rodney Topor. DL-Lite ontology revision based on an al-

- ternative semantic characterization. *ACM Transactions on Computational Logic*, 16(4): 31:1–31:??, November 2015. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [WZ05] **Wang:2005:CCW**
Kewen Wang and Lizhu Zhou. Comparisons and computation of well-founded semantics for disjunctive logic programs. *ACM Transactions on Computational Logic*, 6(2): 295–327, April 2005. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [WZ08] **Wolter:2008:UUA**
Frank Wolter and Michael Zakharyashev. Undecidability of the unification and admissibility problems for modal and description logics. *ACM Transactions on Computational Logic*, 9(4):25:1–25:??, August 2008. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [YFDJ09] **Ying:2009:AQP**
Mingsheng Ying, Yuan Feng, Runyao Duan, and Zhengfeng Ji. An algebra of quantum processes. *ACM Transactions on Computational Logic*, 10(3):19:1–19:??, April 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [YLYF14] **Ying:2014:MCL**
Mingsheng Ying, Yangjia Li, Nengkun Yu, and Yuan Feng. Model-checking linear-time properties of quantum systems. *ACM Transactions on Computational Logic*, 15(3): 22:1–22:??, September 2014. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [YRSW07] **Yorsh:2007:LCH**
Greta Yorsh, Thomas Reps, Mooly Sagiv, and Reinhard Wilhelm. Logical characterizations of heap abstractions. *ACM Transactions on Computational Logic*, 8(1):??, January 2007. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [YSG09] **Yorke-Smith:2009:CCR**
Neil Yorke-Smith and Carmen Gervet. Certainty closure: Reliable constraint reasoning with incomplete or erroneous data. *ACM Transactions on Computational Logic*, 10(1):3:1–3:??, January 2009. CODEN ????? ISSN 1529-3785 (print), 1557-945X (electronic).
- [ZG14] **Zanardini:2014:IFS**
Damiano Zanardini and Samir Genaim. Inference of field-sensitive reachability and cyclicity. *ACM Transactions on Computational Logic*, 15(4):33:1–33:??, September

2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Zhang:2006:LPB

- [Zha06] Yan Zhang. Logic program-based updates. *ACM Transactions on Computational Logic*, 7(3):421–472, July 2006. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Zhang:2014:RCB

- [ZHD14] Lan Zhang, Ullrich Hustadt, and Clare Dixon. A resolution calculus for the branching-time temporal logic CTL. *ACM Transactions on Computational Logic*, 15(1):10:1–10:??, February 2014. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).

Zhang:2017:ELP

- [ZZ17] Heng Zhang and Yan Zhang. Expressiveness of logic programs under the general stable model semantics. *ACM Transactions on Computational Logic*, 18(2):9:1–9:??, June 2017. CODEN ???? ISSN 1529-3785 (print), 1557-945X (electronic).