

Currently updated list of paper submissions since 2020.05.01

<https://ersatz-systems.com/Digest 2022.04.25.02.pdf>

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New approach: Most of the papers we evaluate are found as articles at a private preprint system owned by Cornell Library. Since 2017 we found so many mistakes that now we opt to streamline our approach. These paper submissions are serialized by most recent digest number for our title with contents available by download. To view or download a file, please click on the titles below at <https://ersatz-systems.com/> (The \$ symbol means a file was subsequently updated later than the embedded date in the file name.)

These papers as *continuously* updated (\$) are listed here for easy access:

Digest 2020.08.17.03.pdf	(\$) Recent advances with Meth8/VŁ4 in analytical theology: collected papers
Digest 2021.10.02.01.pdf	(\$) Refutation of Marxist feminism topics in analytical theology
Digest 2021.03.13.09b.pdf	(\$) Map of players and rink to mathematical logic: automatic logical coaching assistant (ALCA)
Digest 2021.06.10.01b.pdf	(\$) Status of project advancement for the automatic logical coaching assistant (ALCA) [These papers imply some of the 2021 playoff games were rigged.]
Digest 2022.05.02.03.pdf	Refutation of ten ZFC axioms from Tiles book on set theory as Cantor's paradise
Digest 2022.05.02.01.pdf	Refutation of group theory, model companionship, continuum problem, and completeness
Digest 2022.04.30.01.pdf	Refutation of alcohol/substance use disorder (AUD/SUD) caused by genetics or heritability
Digest 2022.04.28.01.pdf	Refutation of positive (modal) logic beyond distributivity
Digest 2022.04.27.01.pdf	Refutation of Rawls' fair equality of opportunity and all subsequent conjectures
Digest 2022.04.26.01.pdf	Refutation of serenity prayer: duality of not change/change or accept/not accept
Digest 2022.04.25.02.pdf	Confirmation of the software development method (SDM)
Digest 2022.04.25.01.pdf	Refutation of verification of locally tight programs via proof assistant ANTHEM
Digest 2022.04.22.01.pdf	Refutation of recombination and paradox
Digest 2022.04.21.02.pdf	Refutation of impredicativity and trees with gap condition
Digest 2022.04.21.01.pdf	Confirmation of a business plan to sell 55% of an LLC corporation
Digest 2022.04.20.01.pdf	Refutation of Łukasiewicz' infinite valued, sentential logic and derivations by axiom A2

Digest 2022.04.19.02.pdf	Refutation of S5-denying approach to relativized metaphysical modality and essentialism
Digest 2022.04.19.01.pdf	Exposition of cumulatively implied relations of quaternary logical values as zero and integer
Digest 2022.04.15.01.pdf	Refutation of ISO 9001:2002 for automotive production by a QMS model
Digest 2022.04.13.01.pdf	Refutation that karma as good and evil implies non-existence of God as good
Digest 2022.04.12.01.pdf	Refutation of God implying karma and the converse
Digest 2022.04.11.01.pdf	Confirming significance of ethnic overdose deaths in Colorado covid-19 recession 2015-2020
Digest 2022.04.10.01.pdf	Refutation of the two antecedent and consequent wills of God
Digest 2022.04.08.01.pdf	Confirmation of the four names of God on the white horse in Rev 19.11
Digest 2022.04.06.02.pdf	Refutation of ecumenical natural deduction with stoup for the propositional case
Digest 2022.04.06.01.pdf	Refutation of Prawitz' ecumenical logic, system LE, separability, stoup, polarities, and modalities
Digest 2022.04.04.01.pdf	Refutation of wolves and sheep dilemma, idempotency, orbit equivalence, extreme amenability
Digest 2022.04.02.01.pdf	Refutation of alcoholism as a physical disease
Digest 2022.03.31.01.pdf	Refutation of quantum monadic algebras based on $\exists 0=0$
Digest 2022.03.30.02.pdf	Refutation of Cantor's diagonal argument, for equal numbers of cardinals and ordinals
Digest 2022.03.30.01.pdf	Refutation of algorithmic correspondence and analytic rules and MASSA prover
Digest 2022.03.29.01.pdf	Refutation of Petit's discursive dilemma as generalization and its derivatives
Digest 2022.03.28.01.pdf	Refutation of the distinct tensor disjunction $\otimes$ in dependence logic
Digest 2022.03.26.01.pdf	Logical mapping of 12 concepts in AA: 7, 11 deny the same antecedent and five tautologies
Digest 2022.03.23.03.pdf	Refutation of codi modal logics, based on one propositional variable
Digest 2022.03.23.02.pdf	Another confirmation of Béziau's nightmare, refuting Łukasiewicz' nightmare
Digest 2022.03.23.01.pdf	Refutation of idempotent full paraconsistent negations as not algebraizable

Digest 2022.03.20.03.pdf	Refutation of Conradie's splitting and elimination-rules
Digest 2022.03.20.02.pdf	Refutation of Kracht's restricted world quantifiers
Digest 2022.03.20.01.pdf	Refutation of coinductive reformulation of Milner's proof system with modulo bisimilarity
Digest 2022.03.18.01.pdf	Confirmation of the Holy Trinity Persons and relations (shortest known)
Digest 2022.03.17.03.pdf	Refutation of non-commutative propositional logic with short-circuited biconditional and NAND
Digest 2022.03.17.02.pdf	Refutation of Hiž's warning for predicate logic to confirm axiomatization via translation
Digest 2022.03.17.01.pdf	Refutation of Hindman's theorem and thin set theorem versions of Ramsey's theorem
Digest 2022.03.14.02.pdf	Refutation of an announcement-knowledge axiom and logics for epistemic actions
Digest 2022.03.14.01.pdf	Confirmation of the Historic Church as pure religion, and gnosticism as impure religion
Digest 2022.03.13.02.pdf	Refutation of neutral letter in FOL with alternation and Straubing's central conjecture
Digest 2022.03.13.01.pdf	Refutation gnosticism as a religion from its duality of evil
Digest 2022.03.12.01.pdf	Refutation spirituality as a false region (shortest known)
Digest 2022.03.11.01.pdf	Refutation of the religion of spirituality, via its direct product of good and evil
Digest 2022.03.08.01.pdf	Refutation of orthologic of epistemic modals on $p \wedge \Diamond \neg p$ (p and possibly not p) as not contradictory
Digest 2022.03.06.01.pdf	Refutation of logic IL^- and the persistence principle
Digest 2022.03.04.02.pdf	Refutation of theory of cut-restriction
Digest 2022.03.04.01.pdf	Refutation of paraconsistent Gödel modal logic
Digest 2022.03.03.01.pdf	Refutation of the problem of evil (shortest known)
Digest 2022.03.02.01.pdf	Refutation of the nowhere centered ideal via the power set of some countable set as an ideal
Digest 2022.02.23.01.pdf	Refutation of finite axiom schemes of classical first-order logic of Norman Megill
Digest 2022.02.19.01.pdf	Confirmation of free will choice implied by the Historic Church as a proof of God

Digest 2022.02.18.01.pdf	Refutation of panentheism, panpsychism, and any interrelation
Digest 2022.02.15.01.pdf	Refutation of paradise as gnostic states of duality
Digest 2022.02.14.01.pdf	Refutation of consciousness in Buddhism: the goat on a rope
Digest 2022.02.05.02.pdf	Advances in mapping the relation of temporal states: past is a theorem.
Digest 2022.02.05.01.pdf	Refutation of Sahlqvist modal reduction principles
Digest 2022.01.27.01.pdf	Refutation of the semi-constructive approach to the hyperreal line
Digest 2022.01.10.01.pdf	Refutation of decision problem of bundled FOML fragments
Digest 2022.01.07.01.pdf	Refutation of Boole's mapping of Clarke and Spinoza on evil
Digest 2022.01.05.01.pdf	Refutation of Boole's development theorem (and false attribution of modal logic to Kripke)
Digest 2021.12.30.01.pdf	Refutation of Zhang's relational translation method for propositional modal logics
Digest 2021.12.28.01.pdf	Confirmation of Boole's eternal causation and refutation of variable elimination, on Clarke
Digest 2021.12.24.01.pdf	Refutation of the fundamental problem of cosmobiology: life on- and off-earth
Digest 2021.12.23.05.pdf	Refutation of the absolute power of omnipotence as evil
Digest 2021.12.23.04.pdf	Refutation of structure and isomorphism test for graphs with excluded topological subgraphs
Digest 2021.12.23.03.pdf	Refutation of parametric Church's thesis and synthetic computability without choice
Digest 2021.12.23.02.pdf	Refutation of Rice-Shapiro theorem as generalized Rice theorem in computability theory
Digest 2021.12.23.01.pdf	Analysis of hyperintensionality
Digest 2021.12.16.02.pdf	Refutation of Liu-Shelah theorem as analog to Magidor and all what follows
Digest 2021.12.16.01.pdf	Refutation of Chang's conjecture and derived projective determinacy
Digest 2021.12.10.01.pdf	Refutation of Lie algebra, due to a logical ruse, incriminating Lean's Mathlib
Digest 2021.12.09.01.pdf	Refutation of axioms of the variety of difference algebras
Digest 2021.12.08.01.pdf	Refutation of grounded theory and interpretative phenomenology as logics
Digest 2021.12.07.02.pdf	Refutation of residual lattices for quantales

Digest 2021.12.07.01.pdf	Refutation of Smullyan asylum puzzle
Digest 2021.12.03.01.pdf	How Meth8/VŁ4 works, and why this is important.
Digest 2021.12.02.01.pdf	Refutation of constructive Zermelo-Fraenkel set theory (CZF)
Digest 2021.12.01.01.pdf	Refutation of prenex (PNF): every formula in classical logic is not a formula in PNF
Digest 2021.11.30.02.pdf	Refutation of the Curry-Howard correspondence by composition combinator B function
Digest 2021.11.30.01.pdf	Refutation that causal reasoning reduces to probabilistic reasoning
Digest 2021.11.29.01.pdf	Refutation of a higher power as God in twelve-step theory
Digest 2021.11.28.01.pdf	Listing of bivalent modal/quantified equations to establish the proof value of logic VŁ4
Digest 2019.10.02.01.pdf	Refutation of French smart building code compliance checking based on semantic rules
Digest 2019.06.30.01.pdf	Refutation of the AI experiment for a divide the dollar competition
Digest 2021.11.24.02.pdf	Refutation of Hartshorne's ontological proof
Digest 2021.11.24.01.pdf	Refutation of logic system DM ₄ based on non-bivalency
Digest 2021.11.22.01.pdf	Refutation of Bilimoria's metaphysic of Hindu nonbeing
Digest 2021.11.20.01.pdf	Refutation of conceptual perception and Nāya in Hindu and Buddhist theology
Digest 2021.11.18.01.pdf	Refutation of epistemic disjunctivism to confirm asymmetric dependence / anti-individualism
Digest 2021.11.17.02.pdf	Refutation of Jaina logic by seven paralogisms
Digest 2021.11.17.01.pdf	Confirmation of the only Hindu canonical syllogism $((H=S) \& (p \rightarrow H)) \rightarrow (p \rightarrow S)$
Digest 2021.11.16.02.pdf	Refutation of model expansion (MX) for graph-3 coloring
Digest 2021.11.16.01.pdf	Refutation of finite model theory on complexity theory and formal language theory
Digest 2021.11.15.01.pdf	Refutation of no count construct with choice operator and deterministic linear dynamic logic
Digest 2021.11.14.01.pdf	Refutation of the four noble truths to deny Buddhism
Digest 2021.11.13.01.pdf	Refutation of complete classification of first-order prefix classes by counting

Digest 2021.11.12.02.pdf	Refutation of complexity for fragments of Ackermann and Bernays–Schönfinkel–Ramsey
Digest 2021.11.12.01.pdf	Refutation that P300 is related to semantic processing, not just response to unexpected words
Digest 2021.11.11.01.pdf	Refutation of $S4^C_1$ interior algebra conditions and consequence relation completeness
Digest 2021.11.10.02.pdf	Refutation of the Pincherle and Heine theorems
Digest 2021.11.10.01.pdf	Refutation of the neighborhood function principle (NFP) and N-reduction
Digest 2021.11.09.02.pdf	Refutation of common modal logic as not bivalent, confirming VL4 four-valued logic as bivalent
Digest 2021.11.09.01.pdf	Refutation of separator logic by reducing unbreakable bags into FOL
Digest 2021.11.08.01.pdf	Refutation of learning formulas in finite variable logics
Digest 2021.11.01.01.pdf	Refutation of arch-feminist-racist assertion, denying black/white feminists not racist
Digest 2021.10.30.01.pdf	Refutation of Almeida's impossible commands in the context of Pearce's possible options
Digest 2021.10.28.01.pdf	Refutation of Voevodsky's univalence axiom $(A=B) \simeq (A \simeq B)$
Digest 2021.10.27.02.pdf	Refutation of the Henkin, branching quantifier and five derivative quantifiers
Digest 2021.10.27.01.pdf	Refutation of Montague's quantification in English
Digest 2021.10.26.01.pdf	Refutation of polynomial non-clausal classes in many-valued logic and DPLL reasoning
Digest 2021.10.25.01.pdf	Refutation of problem of future contingents (modal fallacy) to deny modal logic as bivalent
Digest 2021.10.22.02.pdf	Refutation of the objection to the Łukasiewicz four-valued system of logic
Digest 2021.10.20.01.pdf	Refutation of the Hahn-Banach theorem
Digest 2021.10.18.02.pdf	Confirmation of infinity as endlessly unbounded without cardinal number set theory
Digest 2021.10.18.01.pdf	Refutation of Maoism based on antagonistic and non-antagonistic contradictions
Digest 2021.10.15.01.pdf	Refutation of bijective function as basis of cardinals, Cantor set theory, and modern foundation
Digest 2021.10.14.01.pdf	Confirmation of the Triune Godhead and three Persons of Orthodox

Christianity

Digest 2021.10.13.01.pdf	Refutation of the Omega rule (Ω -rule), subsequent ω -rule, and automated infinite proofs
Digest 2021.10.12.02.pdf	Refutation of the problem of Christology, invoking the Holy Trinity with man as is
Digest 2021.10.12.01.pdf	Refutation of Lawvere hyperdoctrine, natural deduction, Beck condition, quantitative equality
Digest 2021.10.07.01.pdf	Refutation of unprovability results for clause set cycles, denying induction
Digest 2021.10.06.01.pdf	Refutation of satisfiability of one-dimensional fragment over words by contraction
Digest 2021.10.05.03.pdf	Refutation of agnostic, atheist, fideist, and skeptic, to confirm theist and Historic Church
Digest 2021.10.05.02.pdf	Confirmation of the homology statement
Digest 2021.10.05.01.pdf	Refutation of quantification hypothesis and external approach to set theory
Digest 2021.10.04.02.pdf	Refutation of Bealer's intensional logic
Digest 2021.10.04.01.pdf	Refutation of Meredith's logic system
Digest 2021.10.03.01.pdf	Refutation of the arch-homosexual assertion by feminist mantra on abortion
Digest 2021.09.30.02.pdf	Application of Meth8/VL4 to software requirements and design
Digest 2021.09.30.01.pdf	Refutation of the modal fallacy conjecture
Digest 2021.09.28.02.pdf	Resuscitation of necessitation rule $p \rightarrow \Box p$ into <i>bivalent</i> modal logic as $\Diamond(p \rightarrow \Box p)$
Digest 2021.09.28.01.pdf	Refutation of ALLIGATOR theorem prover for dependent type systems
Digest 2021.09.26.01.pdf	Refutation of any non-Trinitarian number
Digest 2021.09.24.01.pdf	Refutation of the feminist political polemic in analytic theology
Digest 2021.09.23.01.pdf	Refutation of a dilemma for contradictory Christology, but for the wrong reasons
Digest 2021.09.21.02.pdf	Refutation of the court's paradox and temporal logic of epistemic/normative justifications
Digest 2021.09.21.01.pdf	Refutation of incompleteness theorem by ordinal analysis from well-foundedness axiom
Digest 2021.09.20.01.pdf	Refutation of Geolog and scalable logic programming on spatial data

Digest 2021.09.17.01.pdf	Refutation of intuitionistic logic (IL) from double-negation principle (DNP)
Digest 2021.09.16.04.pdf	Refutation of Gödel's Dialectica logical principles
Digest 2021.09.16.03.pdf	Refutation of Weingartner logic (WL) and axiom of non-contingent good
Digest 2021.09.16.02.pdf	Universal logic VL4
Digest 2021.09.13.01.pdf	Refutation of probability logic by Löb's derivability conditions and fixed point theorem
Digest 2021.09.09.01.pdf	Refutations in three logics papers
Digest 2021.09.06.01.pdf	Refutation of Feferman's μ to deny the Jordon decomposition theorem
Digest 2021.09.03.01.pdf	Refutation of the two halves of disjunctive correctness
Digest 2021.08.31.01.pdf	Refutation of finite implicational system (BPP) as basic process algebra with Kleene star *
Digest 2021.08.30.02.pdf	Refutation of the innovation contest in two sequential stages
Digest 2021.08.30.01.pdf	Refutation of intermodal network models and fuzzy node capacity
Digest 2021.08.27.03.pdf	Refutation of Simplify theorem prover for program checking
Digest 2021.08.27.02.pdf	Refutation of first-order programming (FOP) in mixed-integer linear programming (MILP)
Digest 2021.08.27.01.pdf	Refutation of constructive operations research (CORE) by the Berger-Svindland ruse
Digest 2021.08.26.01.pdf	Refutation of causal time loops and the immaculate conception
Digest 2021.08.25.01.pdf	Refutation of infinite choice, probability distribution, open problem, "real hotel"
Digest 2021.08.24.01.pdf	Refutation of quantifying literals in Boolean logic applications to explain AI
Digest 2021.08.22.01.pdf	Refutation of weak excluded middle laws (WEML)
Digest 2021.08.21.01.pdf	Refutation of "life being good to me" as "being stability or God"
Digest 2021.08.20.01.pdf	Refutation of dialetheism
Digest 2021.08.19.01.pdf	Answer to Swinburne's bodies or souls, confirming body <i>and</i> soul for man and/or conscience
Digest 2021.08.16.01.pdf	Refutation of natural deduction for first-order logic (FOL)
Digest 2021.08.15.01.pdf	Refutation of the theory of personal identity for Swinburne's inquiry of bodies

	or souls
Digest 2021.08.14.01.pdf	Refutation of homosexuality by progeny
Digest 2021.08.13.02.pdf	Refutation of the Banach-Tarski paradox
Digest 2021.08.13.01.pdf	Refutation of a Boolean functional synthesis engine by Skolemization
Digest 2021.08.11.02.pdf	Refutation of the Euathlus, Protagoras, paradox of the court: neither pay
Digest 2021.08.11.01.pdf	Refutation of Tarski's fallacy to confirm Sher's nightmare
Digest 2021.08.09.01.pdf	Refutation of critical race theory (CRT) by denial of racist rage from supremacy of white men
Digest 2021.08.08.01.pdf	Refutation of non-male priests in the Historic Church, shortest
Digest 2021.08.05.01.pdf	Refutation of moderate toleration MTP, Kripke QML, and Chisholm modal paradox
Digest 2021.08.04.02.pdf	Refutation of Lachlan's problem and strict order property (SOP)
Digest 2021.08.04.01.pdf	Refutation of varieties of class-theoretic potentialism
Digest 2021.08.03.01.pdf	Refutation of non-male priests in the Historic Church, shorter and not modal
Digest 2021.08.01.03.pdf	Refutation of unrestricted theological voluntarism
Digest 2021.08.01.02.pdf	Refutation of the argument from God's purposes against divine retribution
Digest 2021.08.01.01.pdf	Refutation of Molinism via responsibility and original sin
Digest 2021.07.31.01.pdf	Refutation, shortest, that God is not a person
Digest 2021.07.29.02.pdf	Refutation of strict coherence on infinite-valued Łukasiewicz logic
Digest 2021.07.29.01.pdf	Refutation of soul as unique identifier
Digest 2021.07.27.01.pdf	Refutation of assertion logic for verifying quantum programs with probabilistic control
Digest 2021.07.25.01.pdf	Refutation of formalization of Galois theory and Lean theorem prover
Digest 2021.07.24.01.pdf	Refutation of the notion that God is <i>not</i> a person
Digest 2021.07.23.01.pdf	Refutation of the problem of evil to confirm its source as free will of man
Digest 2021.07.20.01.pdf	Refutation of zero-dimensional σ -homogeneous space
Digest 2021.07.16.02.pdf	Refutation of the four sides model of communication
Digest 2021.07.16.01.pdf	Refutation of free logics with descriptions

Digest 2021.07.15.01.pdf	Refutation of identity type for intuitionistic type theory
Digest 2021.07.13.02.pdf	Refutation of the existence of Cantor's uncountable sets
Digest 2021.07.13.01.pdf	Refutation of ineffable cardinals
Digest 2021.07.11.01.pdf	Refutation of Dunn-Belnap semantics for variants BN4 and E4 of Routley-Meyer logic B
Digest 2021.07.09.01.pdf	Intuitionistic logic denied by refutation of claimed rules taken from predicate logic
Digest 2021.07.08.02.pdf	Refutation of a hammer for supervisor verification conditions
Digest 2021.07.08.01.pdf	Refutation of rosy structures
Digest 2021.07.07.01.pdf	Proof by meaning in words of quantifiers as respective modal operators
Digest 2021.07.06.01.pdf	Refutation of reverse mathematics via Rival-Sands theorem and sequence principle
Digest 2021.07.03.02.pdf	Refutation of necessary and sufficient isomorphism in Boolean algebra
Digest 2021.07.03.01.pdf	Refutation of the notion of validity to deny the logical framework system
Digest 2021.07.02.01.pdf	Refutation of the Meyer-Scott axiom to deny lambda algebra, calculus, and logic
Digest 2021.07.01.01.pdf	Refutation of transform of extended metric d to deny fixed-points of equational logics
Digest 2021.06.30.02.pdf	Refutation of free description logics with definite descriptions
Digest 2021.06.30.01.pdf	Refutation of extending classical decidable logics with percentage quantifiers
Digest 2021.06.28.02.pdf	Refutation of mathematical foundation of second order logic as fragment of set theory
Digest 2021.06.28.01.pdf	Refutation of logicity and model classes
Digest 2021.06.25.01.pdf	Refutation of the logic of general awareness, no surprises (NS), and lattice of Kripke models
Digest 2021.06.24.01.pdf	Refutation of partial information decomposition for discrete and continuous variables
Digest 2021.06.23.01.pdf	Refutation of quotient consequence relations attributed to Lindenbaum-Tarski method
Digest 2021.06.22.02.pdf	Refutation of LP_0 and justification logics

Digest 2021.06.22.01.pdf	Refutation of defeasible reasoning
Digest 2021.06.21.01.pdf	Refutation of deciding dependence in logic and algebra
Digest 2021.06.17.02.pdf	Refutation of power Kripke-Platek set theory
Digest 2021.06.17.01.pdf	Refutation of Kripke-Platek set theory and its proof that Cartesian products exist
Digest 2021.06.16.02.pdf	Refutation of an alternative axiomatic presentation of Nelson algebras via Prover9
Digest 2021.06.16.01.pdf	Refutation of standard relational composition in electrical circuit theory
Digest 2021.06.15.01.pdf	Refutation of the old logic system (OLS) and critique of self-reference via Gödel's theorem
Digest 2021.06.14.02.pdf	Refutation of a normal form for time warps and binary operators
Digest 2021.06.13.01.pdf	Refutation of time as the coexistence of past, present, future, in a Cartesian dimension
Digest 2021.06.11.02.pdf	Refutation of direct proof of a theorem of Jech and Shelah on PCF algebras
Digest 2021.06.08.01.pdf	Refutation of negative translation of orthomodular lattices by logic of residuated ortholattices
Digest 2021.06.07.02.pdf	Refutation of MV-algebras via two first-properties
Digest 2021.06.07.01.pdf	Refutation of rewriting theory for the life sciences by a unifying theory of CTMC semantics
Digest 2021.06.06.01.pdf	Refutation of specification-based falsification by satisfaction function for DeepOpt
Digest 2021.06.04.01.pdf	Refutation of multiPRover and generating multiple proofs for interpretability in rule reasoning
Digest 2021.05.31.01.pdf	Refutation of strictly join irreducible varieties of residuated lattices
Digest 2021.05.27.01.pdf	Refutation of Lindenbaum's lemma and completeness of metalogic system AS1
Digest 2021.05.26.03.pdf	Refutation of atomic Boolean algebra in pseudofinite monadic second order theory of linear order
Digest 2021.05.26.02.pdf	Refutation of FO modal linear Kripke frame logics in restricted language
Digest 2021.05.26.01.pdf	Refutation of agile development in theory and practice, with a novel resuscitation of theory
Digest 2021.05.22.01.pdf	Refutation of Bachmann-Howard/derivatives, confirming the only generic lattice in three variables

Digest 2021.05.20.01.pdf	Refutation of unprovability results for open induction and saturation theorem proving
Digest 2021.05.07.01.pdf	Refutation of equations of Gödel-McKinsey-Tarski/Blok-Esakia for Heyting-Lewis implication
Digest 2021.04.30.02.pdf	Refutation of Isabelle/HOL proof of Świerczkowski's hereditary incompleteness theorems
Digest 2021.04.30.01.pdf	Refutation of a normal form characterization for efficient Boolean Skolem function synthesis
Digest 2021.04.28.01.pdf	Refutation of combinatorial proofs and decomposition theorems for FOL
Digest 2021.04.27.04.pdf	Refutation of the axiom of the choice of the subsets
Digest 2021.04.27.03.pdf	Refutation of formal treatment of terms in Isabelle/ZF and consistency of AC
Digest 2021.04.27.02.pdf	Refutation of transivity and equivalence of Isabelle's metalogic to deny lambda calculus
Digest 2021.04.27.01.pdf	Refutation of Parikh's theory for infinite alphabets via sets with atoms
Digest 2021.04.26.01.pdf	Refutation of politeness, strong politeness, finite witnessability and hence stable-infiniteness
Digest 2021.04.25.01.pdf	Refutation of Grzegorczyk's 1967 axiom as <i>not</i> a theorem
Digest 2021.04.23.01.pdf	Refutation of basic absoluteness for Abelian groups and $\aleph_1$ -freeness
Digest 2021.04.22.03.pdf	Refutation of Ackermann's function, recursions, and provers ALF and Isabelle/HOL
Digest 2021.04.22.02.pdf	Refutation of the Scott class to invalidate satisfiability of two-variable, first-order logic FO ²
Digest 2021.04.22.01.pdf	Refutation of a more efficient approach for the satisfiability of two-variable logic
Digest 2021.04.19.01.pdf	Confirmation for absolute necessity of honesty implies truthities of purity, unselfishness, and love
Digest 2021.04.16.01.pdf	Refutation of mutual interpretability of weak essentially undecidable theories
Digest 2021.04.15.02.pdf	Refutation of Zaionc paradox that asymptotically most classical theorems are intuitionistic
Digest 2021.04.15.01.pdf	Refutation of the Quine–McCluskey algorithm
Digest 2021.04.14.02.pdf	Refutation of the theory of A.V. Kuznetsov to modal systems and structures

Digest 2021.04.14.01.pdf	Refutation of Heyting-Brouwer calculus and negative solution of Kuznetsov's problem
Digest 2021.04.12.01.pdf	Refutation of topological semantics of paraconsistent/paracomplete logics in Isabelle/HOL
Digest 2021.04.07.01.pdf	Refutation of reasoning on quantified Boolean formulas (QBF) and proof complexity
Digest 2021.04.02.01.pdf	Confirmation by bivalent classical logic for modal and quantified operators as equivalent
Digest 2021.04.01.01.pdf	Refutation of McCune's theory of groups defined by single axiom and ZX-calculus
Digest 2021.03.31.01.pdf	Refutation of Flow and ZFU axioms as independent of the partition principle
Digest 2021.03.29.01.pdf	Refutation of Whitehead's method of abstracting points in De Vries' topological space
Digest 2021.03.25.01.pdf	Refutation of modal monadic intuitionistic logic by linear logics and Casari's formula
Digest 2021.03.22.02.pdf	Refutation of Zagier's one-sentence proof in Coq of Fermat's sum of two squares theorem
Digest 2021.03.22.01.pdf	Refutation of Cantor's continuum by his own axiom of infinity, invalidating aleph-zero ($\aleph_0$)
Digest 2021.03.17.01.pdf	Refutation of paradigmatic DOP theory as stable and categorical, denying Borel complete reducts
Digest 2021.03.16.01.pdf	Refutation of the Cloward-Piven strategy, confirming it as the Cloward-Piven enormity
Digest 2021.03.14.01.pdf	Refutation of Hamming distance encoding and binarized neural networks (BNN)
Digest 2021.03.12.01.pdf	Refutation of stage theory, level theory, and the Boolean variations
Digest 2021.03.11.01.pdf	Refutation of quantification elimination (QE) by examples
Digest 2021.03.10.02.pdf	Refutation of a new modal liar
Digest 2021.03.10.01.pdf	Refutation of definition of stepwise update modality and modal logic of stepwise removal
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Digest 2020.06.22.01.pdf	Refutation of L.C.T Lee's theorem for synthetic theorems in machine learning
Digest 2020.06.21.02.pdf	Refutation of truth constants and Gödel modal theory
Digest 2020.06.21.01.pdf	Refutation of monadic Heyting algebras and complexity of one-variable Corsi logics
Digest 2020.06.19.03.pdf	Confirmation of constructive analysis with witnesses and proof assistant Minlog
Digest 2020.06.19.02.pdf	Refutation of bi-abductive inference in computational reasoning for verification

Digest 2020.06.19.01.pdf	Refutation of definition of verifiability of requirements and theory of black-box tests
Digest 2020.06.15.03.pdf	Refutation of computably enumerable equivalence relations (ceers) to solve word problems
Digest 2020.06.15.02.pdf	Refutation of enumerating complexity in first order team logics
Digest 2020.06.15.01.pdf	Refutation of linear temporal logic (LTL) explain recurrent neural networks (RNNs)
Digest 2020.06.11.02.pdf	Refutation of realizability models
Digest 2020.06.11.01.pdf	Refutation of the minimization deduction system and mixed-integer linear programming [MILP]
Digest 2020.06.08.01.pdf	Refutation of conjunction join-semilattices for Stone's representation theorem
Digest 2020.06.07.03.pdf	Refutation of completeness theorems for first-order logic analysed in constructive type theory
Digest 2020.06.07.02.pdf	Refutation of Schröder–Bernstein theory as Cantor's $A \subseteq B \subseteq C$ and $ A = C $ implies $ A = B = C $
Digest 2020.06.07.01.pdf	Refutation of the change-of-space relation being an equivalence relation on ultrafilters
Digest 2020.06.05.02.pdf	Refutation of regular coinduction
Digest 2020.06.05.01.pdf	Refutation of Cantor's diagonalization as a paradox
Digest 2020.06.04.01.pdf	Refutation of intuitionistic belief logic system IEL^- , by way of co-reflection and necessitation
Digest 2020.06.02.03.pdf	Refutation of Cantor's definition of set theory
Digest 2020.06.02.02.pdf	Refutation of axiom of extensionality, Kuratowski pairs, and abstraction barrier to ZF
Digest 2020.06.02.01.pdf	Refutation that additivity of measure implies additivity of category
Digest 2020.06.01.01.pdf	Refutation of ecumenical modal logic
Digest 2020.05.24.01.pdf	Refutation of interactions in the dual-world
Digest 2020.05.23.01.pdf	Kanban cell logic (KcL)
Digest 2020.05.21.01.pdf	Refutation of $P \neq NP$ in first-order PA via axiom of extensionality
Digest 2020.05.20.01.pdf	Refutation of separability for straight-line string constraints

Digest 2020.05.19.03.pdf	Refutation of pretabular PM2 extension to S4 to deny unification
Digest 2020.05.19.02.pdf	Refutation of disjunction in MMT format to deny accessibility of HOL content
Digest 2020.05.19.01.pdf	Refutation of Fitting's operator to deny fixed point semantics for stream reasoning
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Digest 2020.05.05.01.pdf	Refutation of the Bayesian entailment hypothesis

Digest 2020.05.04.01.pdf	[updated] Refutation of the algorithm model to avoid deadlock in a CBTC system for ten checkers
Digest 2020.05.03.01.pdf	[updated] Refutation of stubborn and sleeping sets in partial order reduction (POR)
Digest 2020.05.01.02.pdf	Refutation of the ABC conjecture (Note this is a restatement of the refutation published 2016/11/19.)
Digest 2020.05.01.01.pdf	Refutation of subordination algebras in modal logic
Digest 2020.04.30.01.pdf	Refutation of the AA aphorism "acceptance was the answer"
Digest 2020.04.29.02.pdf	Refutation of Urysohn space
Digest 2020.04.29.01.pdf	Refutation of AA aphorism the "way to keep sobriety is to give it away"