

Currently updated list of paper submissions since 2020.05.01

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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 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 $V\Lambda 4$
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 logistics papers
Digest 2021.09.06.01.pdf	Refutation of Feferman's μ (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
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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 logicality 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 Grzegorzczuk'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
Digest 2021.03.09.01.pdf	Gurevich's nightmare
Digest 2021.03.08.01.pdf	Refutation of relations on monoidal Kripke pointfree style by adjunction rules (shunting)
Digest 2021.03.05.01.pdf	Refutation of Stone's hypothesis of representation for Boolean algebras
Digest 2021.03.04.01.pdf	Refutation of divine consistency proof for mathematics

Digest 2021.03.03.01.pdf	Refutation of Gödel's first and second incompleteness theorems [pre-print]
Digest 2021.03.02.01.pdf	Refutation (briefest known) of Gödel's first and second incompleteness theorems
Digest 2021.03.01.01.pdf	Refutation of transfinite induction, an updated revisionist view
Digest 2021.02.28.03.pdf	Refutation of the perfectoid field, perfectoid spaces, and almost mathematics
Digest 2021.02.28.02.pdf	Refutation of stably uniform affinoids as sheafy
Digest 2021.02.28.01.pdf	Refutation of the definition of the Plancherel measure to denying Langland's conjecture
Digest 2021.02.27.01.pdf	Refutation of religions with no answer to the fundamental problem of Christology
Digest 2021.02.26.01.pdf	Refutation of the finite superset reconstruction game: a ZFC set is not independent of ZFC
Digest 2021.02.25.01.pdf	Refutation of da Costa algebra (shortest) and robust linear temporal logic (rLTL)
Digest 2021.02.24.03.pdf	Refutation of the claimed definition of multivariable (MV) algebra
Digest 2021.02.24.02.pdf	Refutation of the fundamental theorem of proper forcing via proper iteration lemma
Digest 2021.02.24.01.pdf	Refutation of uniform Elgot iteration in foundations
Digest 2021.02.23.02.pdf	Refutation of independence and large cardinals via the interpretability hierarchy
Digest 2021.02.23.01.pdf	Refutation of duality theorem and preservation theorem in large cardinal set theory
Digest 2021.02.22.01.pdf	Refutation of a class of models with potential to represent fundamental physics
Digest 2021.02.19.01.pdf	Refutation of type theory and groups
Digest 2021.02.17.02.pdf	Refutation of Hilbert program collapse as a variation on the Gödelian theme
Digest 2021.02.17.01.pdf	Refutation of decidability of Sturmian words
Digest 2021.02.16.01.pdf	Refutation (shortest) of the Löwenheim-Skolem theorem
Digest 2021.02.15.03.pdf	Refutation of Voevodsky: indiscernibility of identicals, univalence principle, foundations
Digest 2021.02.15.02.pdf	Refutation of categorical axiomatization of modeloids

Digest 2021.02.15.01.pdf	Shortest confirmation of Wagner-Preston theorem (inverse semigroup as symmetric inverse monoid)
Digest 2021.02.14.02.pdf	Refutation of non-extensional theory of partial operations/classifications and category foundation
Digest 2021.02.14.01.pdf	Refutation of unrestricted category theory via Feferman's partial application/classification
Digest 2021.02.13.01.pdf	Refutation of intuitive problems with deontic logic
Digest 2021.02.10.02.pdf	Refutation of the supply and demand conjecture
Digest 2021.02.10.01.pdf	Refutation of modal logic without reflexivity of artificial injection of Kripke worlds
Digest 2021.02.09.01.pdf	Refutation of the legendary McKinney-Tarski third rule to extend logic systems S4 to S5
Digest 2021.02.08.01.pdf	Refutation of independence of the continuum hypothesis and claimed formal proof
Digest 2021.02.06.01.pdf	Confirmation of the five types of prayer in the Historic Church
Digest 2021.02.05.01.pdf	Confirmation of the three legacies of AA
Digest 2021.02.04.01.pdf	Refutation of Brouwer's assumption to prove the fan theorem and axiom of lawless sequences
Digest 2021.02.03.01.pdf	Logical mapping of 12 traditions in AA: 4 and 7 are identical theorems
Digest 2021.02.02.02.pdf	Refutation of CHSH and a dual reality conjecture
Digest 2021.02.02.01.pdf	Refutation of model theory of residual ring models of Peano arithmetic for prime power case
Digest 2021.01.25.01.pdf	($\$$) Refutation of non-bivalent modal logic
Digest 2021.01.29.01.pdf	Refutation of alignment completeness for relational Hoare logics by defective rule CONSEQ
Digest 2021.01.28.02.pdf	Refutation of Heyting logic, interior logic, Magari algebra, modal algebra, and provability logic
Digest 2021.01.28.01.pdf	Refutation of cyclic Henkin logic (CHL) by the axiom if $\vdash \phi$, then $\vdash \Box \phi$
Digest 2021.01.27.01.pdf	Refutation of natural deduction for modal tetravalent logic and its cut-free sequent calculus
Digest 2021.01.26.01.pdf	Refutation of intuitionism by continuity axiom, denying its refutation of excluded middle (PEM)

Digest 2021.01.24.01.pdf	($\$$) Refutation of the Langan resolution to Newcomb's paradox
Digest 2021.01.22.03.pdf	Refutation of non axiomatizability of modal Łukasiewicz logic
Digest 2021.01.22.02.pdf	Refutation of Mundici's MV-algebras
Digest 2021.01.22.01.pdf	Refutation of least/greatest fixpoint theory
Digest 2021.01.21.02.pdf	Refutation of model-companionship of set theory and generic-absoluteness and -invariance of V
Digest 2021.01.21.01.pdf	Refutation of fixpoint theory by relational forward deductive/predictive positive proof principles
Digest 2021.01.18.01.pdf	Refutation of the end of time axiom and Kripke's choice of sequence in IC
Digest 2021.01.14.01.pdf	Refutation of Yablo's paradox (confirmed as tautology)
Digest 2021.01.13.02.pdf	Refutation of Robinson arithmetic
Digest 2021.01.13.01.pdf	Refutation of inconsistency lemmas in algebraic logic
Digest 2021.01.12.02.pdf	Refutation of universal deduction theorem aka deduction-detachment theorem (DDT)
Digest 2021.01.12.01.pdf	Refutation of semisimplicity, Glivenko theorems, Heyting algebra, and intuitionistic logic
Digest 2021.01.11.01.pdf	Refutation of invertibility to prove inductive sequent systems of L-Framework in Maude
Digest 2021.01.08.02.pdf	($\$$) Refutation in shortest proofs for possible worlds, Barcan formulas, levels of essentialism, and T_m^*
Digest 2021.01.08.01.pdf	Confirmation of the Beal conjecture
Digest 2021.01.07.01.pdf	Refutation of Frege's theory of real numbers and Boccuni/Panza consistent renderings
Digest 2021.01.06.01.pdf	Refutation of broad infinity and generation principles via nat-inductive definition
Digest 2021.01.04.01.pdf	Refutation of the knowability paradox and denial of anti-realism
Digest 2021.01.03.01.pdf	Refutation of the principle and paradox of knowability and its logics
Digest 2021.01.02.02.pdf	Refutation of modal logic systems EQ-45 and <i>all</i> modal paradoxes
Digest 2021.01.02.01.pdf	Refutation of two notions of necessity
Digest 2021.01.01.02.pdf	Refutation of modal paradox, parts, counterparts, points, and counterpoints

Digest 2021.01.01.01.pdf	Refutation of Gödel's "if PA is consistent, then PA is unable to prove its own consistency"
Digest 2020.12.31.03.pdf	Refutation the consequence operator and theory of ultralogics
Digest 2020.12.31.02.pdf	Refutation nonstandard ultra-logic-systems and the GGU-model
Digest 2020.12.31.01.pdf	Refutation of modal meet-implication logic
Digest 2020.12.30.01.pdf	Refutation of transforming antecedents to deny entailment systems and separation logic
Digest 2020.12.29.03.pdf	Refutation of extended WZ logic, Goldblatt-Thomason theorems, and modal intuitionistic logic
Digest 2020.12.29.02.pdf	Refutation of the X proof system as a Gentzen style sequent system similar to LK
Digest 2020.12.29.01.pdf	Refutation of the circular version CT, Gödel system T, and type level
Digest 2020.12.27.02.pdf	The two preferred lines in Komodo 14, Levels 50-60 at ply 1
Digest 2020.12.27.01.pdf	Refutation of a formal framework for partial compliance of business processes
Digest 2020.12.24.02.pdf	Refutation of the automorphism group
Digest 2020.12.24.01.pdf	Refutation of probabilistic inclusion logic and extensions
Digest 2020.12.23.01.pdf	Refutation of finitely-valued propositional dynamic logic (PDL)
Digest 2020.12.22.03.pdf	Refutation of empirically skeptical theism (EST)
Digest 2020.12.22.02.pdf	Refutation of lexicographic logic for preference representation
Digest 2020.12.22.01.pdf	Refutation of divine universal causality (DUC), determinism, and metaphysical contradiction
Digest 2020.12.21.02.pdf	Refutation of the dependence response and explanatory loops for Molinism
Digest 2020.12.21.01.pdf	Refutation of incompatibility of divine foreknowledge to human freedom and N operator
Digest 2020.12.19.01.pdf	Refutation of Bealer's intensional logic via motivations, substitutivity, and axiom S5'
Digest 2020.12.18.01.pdf	Refutation of the new connective in natural deduction \odot
Digest 2020.12.16.01.pdf	Refutation of noisy deductive reasoning (NDR)
Digest 2020.12.15.01.pdf	Refutation that contradiction implies not inconsistent theory (classical analogue of fuzzy paradox)

Digest 2020.12.12.01.pdf	Refutation of propositional axioms for Judaic argumentation theory
Digest 2020.12.11.02.pdf	Refutation of completeness for the coalgebraic cover modality and its many valued logic
Digest 2020.12.11.01.pdf	Refutation of tractable combinations of temporal CSPs [constraint satisfaction problems]
Digest 2020.12.09.01.pdf	Refutation of extensional realizability for intuitionistic set theory
Digest 2020.12.07.02.pdf	Refutation of Takeuti's quantum set theory to satisfy De Morgan's laws
Digest 2020.12.07.01.pdf	Refutation of all finite monoids as finite Ramsey monoids
Digest 2020.12.04.01.pdf	Refutation of quantum Hoare type theory and applications
Digest 2020.12.03.01.pdf	Refutation of poset products as relational models
Digest 2020.12.02.02.pdf	Refutation of join-semilattices, relational/topological representation, quantifier-free logic
Digest 2020.12.02.01.pdf	Refutation of algebras of partial functions via relative complement and axiom $a-(b-a)=a$
Digest 2020.11.30.02.pdf	Refutation of Alvarex-Picallo / Lemsay cartesian difference categories
Digest 2020.11.30.01.pdf	Refutation of Cook's logic system PV as redefined by the refuted $\varepsilon_n A$, $\varepsilon_1 A$, $\Delta_0 \varepsilon A$
Digest 2020.11.29.01.pdf	Refutation of algebraic properties of paraorthomodular posets, to deny quantum structures
Digest 2020.11.24.01.pdf	Refutation of incompleteness theorems with hidden answers
Digest 2020.11.20.01.pdf	Shortest refutation of Łukasiewicz three-valued logic over the chain $C_3 = \{0, \frac{1}{2}, 1\}$
Digest 2020.11.19.01.pdf	Refutation of reforming America's healthcare system through choice and competition
Digest 2020.11.18.02.pdf	Refutation of Deutsch constructor theory that no perfect constructors exist in nature
Digest 2020.11.18.01.pdf	Refutation of SQ ontologies as undecidable and tree structures as the solution
Digest 2020.11.13.01.pdf	Refutation of infinite time Turing machines by semi-decidable norms
Digest 2020.11.11.01.pdf	Refutation of contextuality of quantum mechanics and borders of paradox
Digest 2020.11.08.01.pdf	Refutation of quantum block chain encoding (updated)
Digest 2020.11.05.02.pdf	Refutation of ω -consistency and provability of the axiom of pre-linearity

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Digest 2020.11.03.01.pdf	Level 54 three best ply 1. ... starts: E08, E08, D37
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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"