International Conference on Order, Algebra, and Logics in conjunction with the 22nd annual Shanks Lectures

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Participants Nikolaos Galatos.

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An abstract algebraic logic view on canonical extensions

Express Interest Keith Kearnes.

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Miklós Maróti.

Related Conferences Near-unanimity terms are decidable

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Larry Moss.

Order and algebra in natural logic

Daniele Mundici.

The Haar theorem for finitely presented MV-algebras and unital I-groups

Friedrich Wehrung.

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Ross Willard.

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Hiroakira Ono.

Interplay between algebra and logic

Agnes Szendrei.
Commutator theory

Yde Venema.

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Contributed Papers

Michael Adams and W. Dziobiak (Plenary).

A Minimal \$Q\$-universal variety of Heyting algebras

Kira Adaricheva and Marcel Wild.

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Stefano Aguzzoli and Vincenzo Marra.

Finitely presented MV-algebras with finite automorphism group

Jeremy Alm, Roger Maddux and Jacob Manske.

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Sergei Babyonyshev.

Syntactical derivation of protoalgebraicity condition

Richard Ball, Jaroslav Nesetril and Ales Pultr (Plenary).

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Libor Barto.

Set functors determined by values on objects

Guram Bezhanishvili and Patrick J. Morandi.

Priestley Order-Compactifications

Robert Bignall and Matthew Spinks.

On binary discriminator varieties I, II, and III

Felix Bou, Angel García-Cerdaña and Ventura Verdú.

There are no Tarski-style axiomatizations for most fuzzy logics

Manuela Busaniche and Leonardo Manuel Cabrer.

Study of canonical extensions of BL-algebras

Leonardo Manuel Cabrer and Sergio Arturo Celani.

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Carlos Caleiro and Ricardo Gonçalves.

Behavioral algebraization

Jose Luis Castiglioni, Matias Menni and Marta Sagastume.

Compatible functions on commutative residuated lattices

Ivan Chajda.

Many-valued quantum algebras

Key One Chung and Jonathan Smith.

Homomorphisms for topological coalgebras

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Petr Cintula, Francesc Esteva, Joan Gispert, Lluis Godo, Franco Montagna and Carles Noguera. <u>Algebraic</u> characterization of completeness properties for core fuzzy logics II: predicate logics

Lavinia Ciungu.

Existence of states on fuzzy structures

Janusz M. Czelakowski.

Commutator Equations, Day Implication and the Commutator

Michael Darnel.

Superspecial-valued Lattice-ordered Groups

Brian A. Davey and Rashed Talukder.

Natural Dualities for Generalized Modal Algebras

Klaus Denecke.

Semigroup Properties of Operations and Cooperations defined on Finite Sets

Antonio di Nola, Peter Belluce and Brunella Gerla.

Localization in Abelian I-groups with strong unit, via MV-algebras

Antonio di Nola and Mirko Navara.

Cantor-Bernstein property

Dwight Duffus and Tomasz Luczak (Plenary).

Automorphisms and Endomorphisms of Ordered Sets

Ivo Düntsch and Michael Winter.

Mereotopology and Boolean contact algebras

Anatolij Dvurecenskij and Charles Holland.

On Perfect GMV-algebras and Covers of MV-algebras

Aldo Victorio Figallo, Paolo Landini and Alicia Nora Ziliani.

A subvariety of Ockham - Nelson algebras

Aldo Victorio Figallo and Claudia Andrea Sanza.

Advances in monadic \$mbox{oldmath{\$n imes m-\$}}\$valued {L}ukasiewicz algebras with negation

Ralph Freese and Matt Valeriote.

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Hector Freytes, Antonio Ledda and Matthew Spinks.

A discriminator variety of linear Heyting algebras with operators arising in quantum computation

Nataliya Galanova.

To the gap theory of ordered fields

Joan Gispert and Antoni Torrens.

Boolean skeleton and Pierce representation of Bounded BCK-algebras.

Roberto Giuntini, Francesco Paoli, Antonio Ledda and Hector Freytes. <u>Two aspects of the theory of quasi-MV</u> algebras

Martin Goldstern and Saharon Shelah (Plenary).

Is the clone lattice on uncountable cardinals dually atomic?

Tomasz Gorazd and Jacek Krzaczkowski.

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Revaz Grigolia.

Monadic BL-algebras

Radomir Halas, Ivan Chajda and Ivo Rosenberg.

Primal and functionally complete algebras of logic

John Harding (Plenary).

Completions and a variety of Heyting algebras

Miroslav Haviar and Hilary A. Priestley (Plenary).

Canonical extensions of Stone algebras: the natural way

Eduardo Hirsh and Renato Lewin.

Algebraization of logics defined by literal-paraconsistent or literal-paracomplete matrices

Rostislav Horcik.

Totally ordered monoids which are epimorphic images of sub-l-monoids of totally ordered groups

Sándor Jenei.

Geometric description of residuated semigroups

Peter Jipsen.

Representability of small relation algebras and involutive FL-algebras

Keith Kearnes, Jason Shaw and Agnes Szendrei.

Clones of 2-step Nilpotent Groups

Keith A. Kearnes and Agnes Szendrei.

CLONES OF ALGEBRAS WITH PARALLELOGRAM TERMS

Vilas Kharat and Khalid Mokbel.

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Tomasz Kowalski.

Failure of amalgamation in Hilbert lattices

Marcin Kozik (Plenary).

A finite algebra with an EXPTIME complete clone membership problem

Aleksandr Kravchenko.

The lattice of quasivarieties of differential groupoids

Jan Kühr.

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Roger Maddux.

Relevance logic and the calculus of relations

Enrico Marchioni.

On Decidability and Complexity of Semilinear Varieties

Jorge Martinez.

Frobenius Identities in Frames

Peter Mayr.

Polynomial clones on squarefree cyclic groups

Alexei Muravitsky.

An investigation of the lattice ExtS4

James Nation and Kira Adaricheva.

Lattices of quasivarieties as congruence lattices of semilattices with operators

Jeffrey Olson and James Raftery.

Positive Sugihara Monoids

Alessandra Palmigiano and Riccardo Re (Plenary).

Topological relational quantales

Jan Paseka.

Projective Biframes: A General View

Michael Pinsker, Manuel Bodirsky and Hubie Chen.

The reducts of (N,=)

Norbert Preining.

Quantified Propositional Gödel Logics - A Survey

Bob Quackenbush.

Completing distributive lattice expansions

Jiri Rachunek and Filip Svrcek.

Monadic bounded commutative residuated \$ell \$-monoids

James Raftery (Plenary).

The equational definability of truth predicates

C. Russo.

An order-theoretic approach to image processing

Antonino Salibra (Plenary).

Algebra and topology in lambda calculus

Luigi Santocanale.

Derived Semidistributive Lattices

Steve Seif.

Word digraphs and the free spectra of finite monoids

Marina Semenova.

Sublattices of subsemigroup lattices. A survey

John Snow.

Primitive positive clones of groupoids

Sergejs Solovjovs.

A representation theorem for quantale algebras

David Stanovsky.

Embedding algebras into semimodules

Anna Stronska.

Nilpotent subsemigroups of the semigroup of order-decreasing transformations of the set of all the subsets of a finite set

Bruno Teheux.

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Jacob Vosmaer.

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Piotr Wojciechowski.

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Xiuhua Wu and Qingguo Li.

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Laszlo Zadori.

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