

1. Record Nr.	UNINA9911007489303321
Titolo	Logic and Its Applications : 11th Indian Conference, ICLA 2025, Kolkata, India, February 3–5, 2025, Proceedings // edited by C. Aiswarya, Prabal Kumar Sen, Shashi Mohan Srivastava
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-89610-6
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (X, 263 p. 25 illus., 6 illus. in color.)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15402
Disciplina	005.131
Soggetti	Machine theory Logic, Symbolic and mathematical Logic programming Computer systems Application software Software engineering Formal Languages and Automata Theory Mathematical Logic and Foundations Logic in AI Computer System Implementation Computer and Information Systems Applications Software Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	On Extensions of Partial Isometries -- The Specker-Blatter Theorem: An Application of Logic to Combinatorial Counting -- Propositional Dynamic Logic Formula Synthesis and some Applications -- NSOP1 as a dividing line -- Asynchronous transition system games for two processes and their analysis -- Relational Companions of Logics -- Bounded Henkin Quantifiers and the Exponential Time Hierarchy -- Monotone Modal Logic beyond Distributivity -- Recognizing Numbers -- There is hope for connexive set theories! -- Semantics of Basic Modal Language via a Rough Set Framework -- Modal and intermediate logics of spiked Boolean algebras -- Equivalence of Deterministic

Weighted Real-time One-Counter Automata -- Passive Learning of Fuzzy Temporal Logic Rules from Finite Traces -- A Mimamsa Inspired Framework towards Temporal Reasoning in Large Language Models -- Measurement-Theoretic Foundations of Logic of Inexact Knowledge -- Craig Interpolation for Awareness Logics -- Knowable as Knowing How to Inquire.

Sommario/riassunto

This book constitutes the refereed proceedings of the 11th Indian Conference on Logic and Its Applications, ICLA 2025, held in Kolkata, India, during February 3–5, 2025. Four out the five invited talks are included in this book. Out of the 26 submissions, the program committee carefully selected 14 papers to be included in the proceedings. The topics included are Mathematics, Computer Science, Philosophy, Linguistics and Cognitive Science. A special feature of ICLA is the inclusion of studies in systems of logic in the Indian tradition, as well as historical research on logic.