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Soggetti	Artificial intelligence Mathematical logic Computer science—Mathematics Software engineering Computer system failures Artificial Intelligence Mathematical Logic and Formal Languages Math Applications in Computer Science Software Engineering/Programming and Operating Systems System Performance and Evaluation
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Sommario/riassunto	This book constitutes the proceedings of the 28th International Conference on Automated Reasoning with Analytic Tableaux and Related Methods, TABLEAUX 2019, held in London, UK, in September 2019, colocated with the 12th International Symposium on Frontiers on Combining Systems, FroCoS 2019. The 25 full papers presented were carefully reviewed and selected from 43 submissions. They present research on all aspects of the mechanization of tableaux-based reasoning and related methods, including theoretical foundations, implementation techniques, systems development and applications.

The papers are organized in the following topical sections: tableau calculi, sequent calculi, semantics and combinatorial proofs, non-wellfounded proof systems, automated theorem provers, and logics for program or system verification.

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