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Soggetti	Computer science Computer Science Logic and Foundations of Programming
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Note generali	Includes index.
Nota di contenuto	Models of rewriting and rewriting logic -- Termination, confluence, coherence, and complexity -- Unification, generalization, and narrowing -- Graph rewriting -- Tree automata -- Rewriting strategies -- Rewriting-based declarative languages -- Explicit-state and symbolic model checking techniques -- Rewriting-based theorem proving, including (co)inductive theorem proving -- Rewriting-based constraint solving and satisfiability.
Sommario/riassunto	This book constitutes selected papers from the 12th International Workshop on Rewriting Logic and Its Applications, WRLA 2020, held in Dublin, Ireland, in April 2020. Due to the COVID-19 pandemic the workshop took place virtually. The 11 full papers presented in this volume were carefully reviewed and selected from 16 submissions Rewriting logic is a natural model of computation and an expressive semantic framework for concurrency, parallelism, communication, and interaction. It can be used for specifying a wide range of systems and languages in various application fields.