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	Nota di contenuto	Preface; Scientific Program; List of Speakers; Table of Contents; Contributed Papers; Semidirect Products with the Pseudovariety of All Finite Groups J. Almeida (Porto, Portugal) and A. Escada (Coimbra, Portugal); On the Sentence Valuations in a Semiring A. Atanasiu (Bucharest, Romania), C. Martin- Vide (Tarragona, Spain) and V. Mitrana (Bucharest, Romania); Join Decompositions of Pseudovarieties of the Form DH ECom K. Auinger (Wien, Austria) Arithmetical Complexity of Infinite Words S. V. Avgustinovich (Novosibirsk, Russia), D. G. Fon-Der-Flaass (Novosibirsk, Russia) and A. E. Frid (Novosibirsk, Russia)The Emperor's New Recursiveness: The Epigraph of the Exponential Function in Two Models of Computability V. Brattka (Hagen, Germany); Iterative Arrays with Limited Nondeterministic Communication Cell T. Buchholz (Giessen, Germany), A. Klein (Giessen, Germany) and M. Kutrib (Giessen, Germany); R-Trivial Languages of Words on Countable Ordinals O. Carton (Marne-la-

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Words Guaranteeing Minimal Image S. W. Margolis (Ramat Gan, Israel), J.-E. Pin (Paris, France) and M. V. Volkov (Ekaterinburg, Russia)

| Sommario/riassunto | The research results published in this book range from pure mathematical theory (semigroup theory, discrete mathematics, etc.) to theoretical computer science, in particular formal languages and automata. The papers address issues in the algebraic and combinatorial theories of semigroups, words and languages, the structure theory of automata, the classification theory of formal languages and codes, and applications of these theories to various areas, like quantum and molecular computing, coding theory, and cryptography. |