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| Autore                  | Ito Masami <1941->  |
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| Edizione                | [1st ed.]   |
| Descrizione fisica      | 1 online resource (210 p.)  |
| Disciplina              | 511.3   |
| Soggetti                | Formal languages<br>Machine theory  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Description based upon print version of record.   |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Algebraic Theory of Automata and Languages; Preface; Contents; 0 Introduction; 1 Group-Matrix Type Automata; 2 General Automata; 3 Classes of Automata as Posets; 4 Languages and Operations; 5 Shuffle Closed Languages; 6 Insertions and Deletions; 7 Shuffles and Scattered Deletions; 8 Directable Automata; Bibliography; Index  |
| Sommario/riassunto      | Although there are some books dealing with algebraic theory of automata, their contents consist mainly of Krohn-Rhodes theory and related topics. The topics in the present book are rather different. For example, automorphism groups of automata and the partially ordered sets of automata are systematically discussed. Moreover, some operations on languages and special classes of regular languages associated with deterministic and nondeterministic directable automata are dealt with. The book is self-contained and hence does not require any knowledge of automata and formal languages. |