

**Dassow, Jürgen; Paun, Gheorghe**

**Regulated rewriting in formal language theory.** (English) Zbl 0697.68067

[EATCS Monographs on Theoretical Computer Science](#) 18. Berlin etc.: Springer-Verlag; Berlin (GDR): Akademie-Verlag (ISBN 3-540-51414-7). 308 p. (1989).

This book provides a very good account on regulated rewriting systems and their relationships with formal language theory. Three regulations are considered: Matrix, Programmed and Random Context Grammars, together with other regulated Grammars. It is also considered the problem of continued regulations and the problem of the related automata characterizations. The book has a good and extensive bibliography: it will be of very good and valuable tool for any research or study in the field.

Reviewer: [Alberto Pettorossi \(Roma\)](#)

**MSC:**

[68Q45](#) Formal languages and automata

[68-02](#) Research exposition (monographs, survey articles) pertaining to computer science

[68Q65](#) Abstract data types; algebraic specification

[03D03](#) Thue and Post systems, etc.

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| Cited in <b>2</b> Reviews    |
| Cited in <b>26</b> Documents |

**Keywords:**

[regulated rewriting](#); [formal language theory](#); [rewriting systems](#)