

- "Grammar inference, automata induction, and language acquisition" by Rajesh G. Parekh and Vasant Honavar
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Where Mathematics, Computer Science, Linguistics, and Biology Meet: Essays in Honour of Gheorghe Păun

Carlos Martín-Vide and Victor Mitrana (editors)

(Rovira i Virgili University and University of Bucharest)

Dordrecht: Kluwer Academic Publishers, 2001, xv+446 pp; hardbound, ISBN 0-7923-6693-X, \$176.00, £112.00, Dfl 360.00

"There are not many scientific fields as interdisciplinary as formal language theory. In this volume, it is presented as the very intersection point of Mathematics, Computer Science, Linguistics, and Biology. This book is a collection of papers which closely examines classical topics in computer science inspired by formal languages, as well as showing new concepts and problems motivated in linguistics and biology. The papers are organized into four sections: Grammars and Grammar Systems, Automata, Languages and Combinatorics, and Models of Molecular Computing. They clearly prove the power, wealth, and vitality of the theory nowadays and sketch some trends for its future development. The volume is intended for an audience of computer scientists, computational linguists, theoretical biologists, and any other people interested in dealing with the problems and challenges of interdisciplinarity."—*From the publisher's announcement, with minor corrections*

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Recent Advances in Natural Language Processing II: Selected Papers from RANLP '97

Nicolas Nicolov and Ruslan Mitkov (editors)

(University of Sussex and University of Wolverhampton)

Amsterdam: John Benjamins (Current issues in linguistic theory, volume 189), 2000, xi+422 pp; hardbound, ISBN 1-55619-966-X and 90-272-3695-X, \$84.00

"This volume brings together [31] revised versions of a selection of papers presented at the Second International Conference on 'Recent Advances in Natural Language Processing' (RANLP'97) held in Tzigov Chark, Bulgaria, 11–13 September 1997."—*From the editors' foreword*

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Stephen J. Hegner, Paul McKeivitt, Peter Norvig, and Robert Wilensky (editors)

(Umeå University, University of Ulster, NASA Ames Research Center, and University of California, Berkeley)

Reprinted from *Artificial Intelligence Review*, 14(1–5), 2000.

Dordrecht: Kluwer Academic Publishers, 2001, xii+420 pp (no index); hardbound, ISBN 0-7923-6641-7, \$190.00, £135.00, €220.00

This collection of papers concerns artificial-intelligence (AI) and cognitive-science techniques applied to the problem of providing help systems for the UNIX operating sys-