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The MIT Encyclopedia of the Cognitive Sciences Robert A. Wilson and Frank C. Keil (editor) Cambridge, MA: The MIT Press (A Bradford Book), 1999, cxxxii+964 pp; hardbound, ISBN 0-262-23200-6, \$149.95, £93.50; CD-ROM, ISBN

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Book

The MIT Encyclopedia of the Cognitive Sciences

Robert A. Wilson and Frank C. Keil (editors)
(University of Illinois, Urbana-Champaign and Yale University)

Cambridge, MA: The MIT Press (A Bradford Book), 1999, cxxxii+964 pp; hardbound, ISBN 0-262-23200-6, \$149.95, £93.50; CD-ROM, ISBN 0-262-73124-X, \$149.95, £93.50

Reviewed by
John Nerbonne
University of Groningen

1. Overview

The MIT Encyclopedia of the Cognitive Sciences (MITECS) brings together 471 bri on a very wide range of topics within cognitive science. The general editor with advisory editors in six contributing fields, including Gennaro Chierchi guistics and Language and Michael I. Jordan and Stuart Russell on Comp Intelligence. MITECS opens with excellent overview articles by each of the editors on their fields.

The general quality of the contributors and their contributions is outstan editors secured the cooperation of leading scientists in every area includin tational linguistics. Tables 1 and 2 suggest articles that are of particular i computational linguistics. The division into sections is that of the book's cc Web site;¹ in the printed volume, the articles are arranged in a single alp sequence.

There are many other articles of immediate interest, including several mar models popular in CL (Mark Steedman on Categorical Grammar, Geor on Head-Driven Phrase Structure Grammar, and Mary Dalrymple on Lexi tional Grammar) and several that treat computational simulations of psycho phenomena. Dennis Norris's general article on computational psycholingt cuses nicely on interdisciplinary issues; it motivates why a range of comp models remain interesting within cognitive science when language is the s investigation.

2. Cognitive Science or Cognitive Sciences?


It is noteworthy that the editors do not attempt a general overview article on science, and that MITECS promises information on the cognitive sciences (plu suggests a fragmented view of the field, which, coming from its greatest at must be taken seriously. It is also reflected in the relatively little attentio specifically cognitive issues in many of the articles (for example, the articles


¹ Buyers of the printed volume can apply for on-line access to the full text of the book at <http://cognet.mit.edu/MITECS/>; others may browse a list of the articles, and their abstracts and bibliographies.


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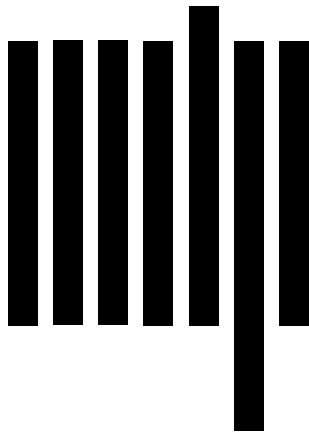
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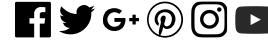
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