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Cambrian Intelligence: The Early History of the New AI. By Rodney A. Brooks. MIT Press, Cambridge, MA. (1999). 199 pages. $60.00 (cloth); $25.00 (paper).

Contents:
Preface. I. Technology. 1. A robust layered control system for a mobile robot. 2. A robot that walks: Emergent behaviors from a carefully evolved network. 3. Learning a distributed map representation based on navigation behaviors. 4. New approaches to robotics. II. Philosophy. 5. Intelligence without representation. 6. Planning is just a way of avoiding figuring out what to do next. 7. Elephants don’t play chess. 8. Intelligence without reason. Bibliography.

The Sciences in Enlightened Europe. Edited by William Clark, Jan Golinski and Simon Schaffer. The University of Chicago Press, Chicago. (1999). 566 pages. $85.00, £59.50 (cloth); $27.50, £19.50 (paper).

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