



## Connections and Symbols

By -

MIT Press Ltd, United States, 1988. Paperback. Book Condition: New. Mit Press.. 226 x 150 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Does intelligence result from the manipulation of structured symbolic expressions? Or is it the result of the activation of large networks of densely interconnected simple units? Connections and Symbols provides the first systematic analysis of the explosive new field of Connectionism that is challenging the basic tenets of cognitive science. These lively discussions by Jerry A. Fodor, Zenon W. Pylyshyn, Steven Pinker, Alan Prince, Joel Lechter, and Thomas G. Bever raise issues that lie at the core of our understanding of how the mind works: Does connectionism offer it truly new scientific model or does it merely cloak the old notion of associationism as a central doctrine of learning and mental functioning? Which of the new empirical generalizations are sound and which are false? And which of the many ideas such as massively parallel processing, distributed representation, constraint satisfaction, and subsymbolic or microfeatural analyses belong together, and which are logically independent? Now that connectionism has arrived with full-blown models of psychological processes as diverse as Pavlovian conditioning, visual recognition, and language acquisition, the debate...



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