



# Cognitive modeling

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Monografía

Annotation.

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**Contenido:** 1.) Role of knowledge in discourse comprehension: a construction-integration model Walter A. Kintssch -- 2.) Act: a simple theory of complex cognition John R. Anderson -- 3.) Preliminary analysis of the soar architecture as a basis for general intelligence Paul S. Rosenbloom, John E. Laird, Allen Newell, and Robert McCarl -- 4.) Adaptive executive control: flexible multiple-task performance without pervasive immutable response-selection bottlenecks David E. Meyer [and others] -- 5.) Capacity theory of comprehension: individual differences in working memory Marcel A. Just and Patricia A. Carpenter -- 6.) How neural networks learn from experience Geoffrey E. Hinton -- 7.) Hopfield model John Hertz, Anders Krogh, and Richard G. Palmer -- 8.) Learning representations by back-propagating errors David E. Rumelhart, Geoffrey E. Hinton, and Ronald J. Williams -- 9.) Forward models: supervised learning with a distal teacher Michael I. Jordan and David E. Rumelhart -- 10.) Finding structure in Time Jeffrey L. Elman -- 11.) Self-organizing neural network for supervised learning, recognition, and prediction Gail A. Carpenter and Stephen Grossberg -- 12.) Optimality: from neural networks to universal grammar Alan Prince and Paul Smolensky -- 13.) Dynamic binding in a neural network for shape recognition John E. Hummel and Irving Biederman -- 15.) End of the line for a brain-damaged model of unilateral neglect Michael C. Mozer, Peter W. Halligan, and John C. Marshall -- 16.) Integrated theory of list memory John R. Anderson, Dan Bothell, Christian Lebiere, and Michael Matessa -- 17.) Why there are complementary learning systems in hippocampus and neocortex: insights from the successes and failures of

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