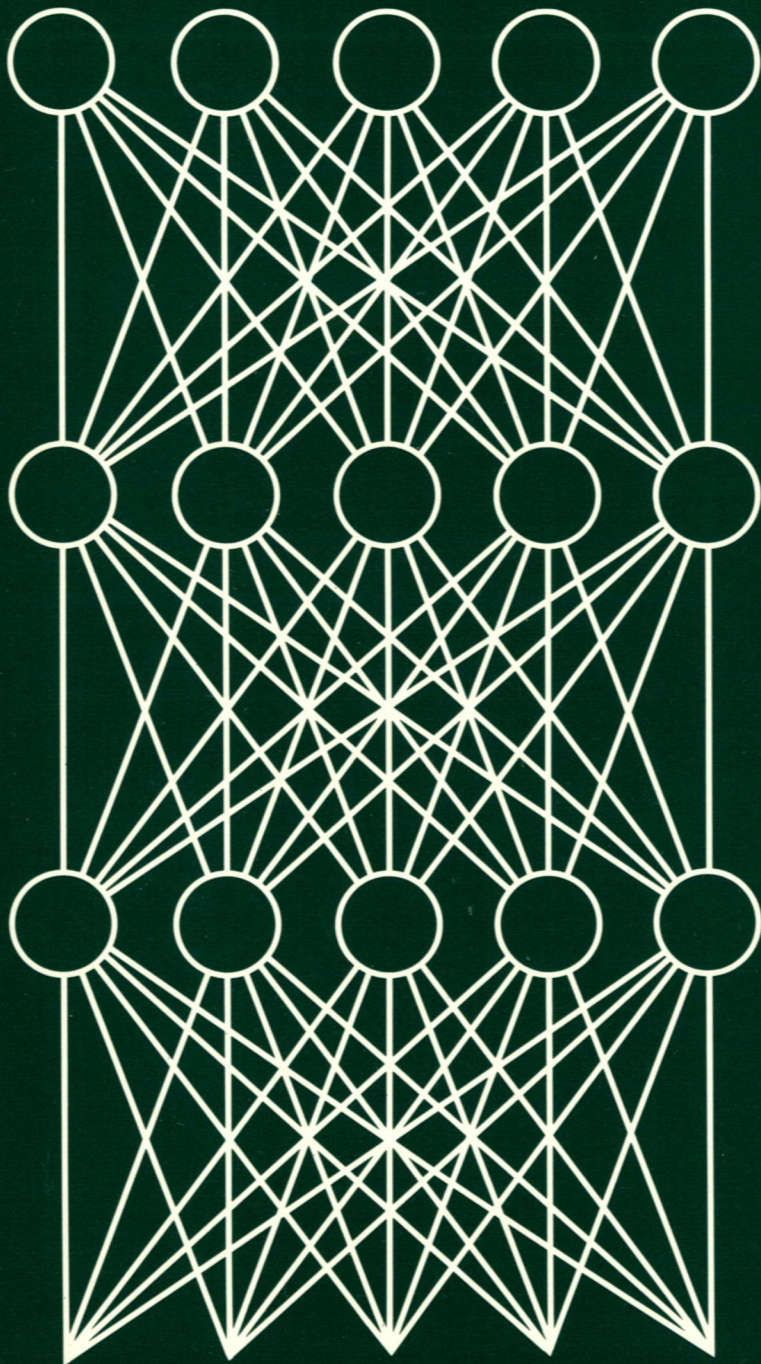


CONNECTIONIST MODELS

Proceedings of the 1990 Summer School



Edited by:
David S. Touretzky
Jeffrey L. Elman
Terrence J. Sejnowski
Geoffrey E. Hinton

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This volume comprises a collection of original research papers that summarize research at international labs and universities at the forefront of neural network research. The Connectionist Models Summer Schools bring together distinguished researchers and outstanding graduate students to provide a forum for presenting and evaluating current research results on connectionist models in neural networks.

The papers, rigorously selected from faculty and student entries, have been updated and revised to incorporate the evaluations discussed at the workshop, as well as extensive interaction between the authors and the editors of this volume. The selections represent a wide variety of current research in VLSI design, optimization methods, learning theory, vision, speech, neuroscience, linguistics, and cognitive psychology. This collection, like its successful predecessor, will be a valuable reference for researchers and students in AI, neurobiology, cognitive science and other areas with an interest in neural networks.

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