



# Network Models for Control and Processing

By Martin D. Fraser

Intellect Books. Hardback. Book Condition: new. BRAND NEW, Network Models for Control and Processing, Martin D. Fraser, Concerning the developments in modelling control and processing in distributed networks, this book incorporates a broad coverage with an international perspective. Researchers report on control, learning and neurobiological models. Applications discussed include robotics, computer logic design, pattern recognition and economics. Topics include: -- control solutions using theoretical computational learning models, learning algorithms, and polynomial networks-- a competitive distribution of activation hypothesis of peristimulus inhibition in the neocortex-- simulating biological experimentation and physical mechanisms with computer-assisted and hardware models of biological neural networks and neurons-- improving processes for representing artificial neural networks by verification using SPICE and global optimization techniques.



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