



neural information processing

By GU FAN JI // LIANG PEI JI

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 302 Publisher: Beijing University of Pub. Date :2007-10-01 1st edition 1st printing 2007-10-01 The book mainly includes three parts: study or engage in Neural Information Processing Institute must have knowledge of neurophysiology; the use of mathematical science and information science thinking to solve the nervous system. an example of information processing mechanisms; explore current research on neural information processing of some hot issues. possible future direction of development and may become the new hot spot issues were discussed. This book is the main audience interested in neuroscience. mathematical science and information engineering researchers and students. Contents: Foreword Preface Introduction References References Chapter neural information processing in neurobiological basis of 1.1 the general structure of the nervous system neurons in 1.3 1.2 the electrical properties of neurons in 1.4 of neurotransmitters and neuromodulators cortex 1.5 1.6 1.7 visual system olfactory system. auditory system 1.8 1.9 1.10 somatosensory system. somatic motor system cerebellar 1.12 1.11 1.13 hippocampal learning and memory references Chapter II study of neural information processing method of 2.1 the research methods of brain structure. brain function...



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