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Plasticity in Sensory Systems

By -

Cambridge University Press. Hardcover. Condition: New. 286 pages. Dimensions: 9.3in. x 6.1in. x 0.8in. Plasticity is a fundamental property of neural development and learning in living organisms. It also contributes to problems associated with aging and degenerative processes. Understanding neural plasticity has huge implications for those seeking to recover from brain injury or sensory deprivation and regular folk vying to improve their skills and ability. Centered on three themes, this book explores the latest research in plasticity in sensory systems, with a focus primarily on visual and auditory systems. It covers a breadth of recent scientific study within the field including research on healthy systems and diseased models of sensory processing. Topics include visual and visuomotor learning, models of how the brain codes visual information, sensory adaptations in vision and hearing as a result of partial or complete visual loss in childhood, plasticity in the adult visual system, and plasticity across the senses, as well as new techniques in vision recovery, rehabilitation, and sensory substitution of other senses when one sense is lost. This unique edited volume, the fruit of an International Conference on Plastic Vision held at York University, Toronto, will provide students and scientists with an overview of the...



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Reviews

Extensive information! Its this type of excellent study. I have read and i am sure that i will gonna go through yet again once more down the road. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- *Aliyah Mayer*

It is fantastic and great. It is written in easy words and phrases instead of confusing. I am just delighted to explain how this is actually the best book i have got read through during my individual life and might be the finest publication for ever.

-- *Prof. Murl Shanahan DDS*