



Perception beyond Inference: The Information Content of Visual Processes (Hardback)

By -

MIT Press Ltd, United States, 2011. Hardback. Condition: New. Language: English. Brand new Book. Proposing a new paradigm for perceptual science that goes beyond standard information theory and digital computation. This book breaks with the conventional model of perception that views vision as a mere inference to an objective reality on the basis of "inverse optics." The authors offer the alternative view that perception is an expressive and awareness-generating process. Perception creates semantic information in such a way as to enable the observer to deal efficaciously with the chaotic and meaningless structure present at the physical boundary between the body and its surroundings. Vision is intentional by its very nature; visual qualities are essential and real, providing an aesthetic and meaningful interface to the structures of physics and the state of the brain. This view brings perception firmly in line with ethology and modern evolutionary biology and suggests new approaches in all disciplines that study, or require an understanding of, the ontology of mind. The book is the joint effort of a multidisciplinary group of authors. Topics covered include the relationships among stimuli, neuronal processes, and visual awareness. After considering the mind-dependent growing of information, the book treats time and dynamics;...



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Reviews

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-- Arianna Witting

An exceptional book as well as the font used was exciting to read. It is actually rally intriguing through reading time. You will not sense monotony at anytime of the time (that's what catalogues are for about when you ask me).

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