Record Nr. UNINA9910815858303321 Titolo Tutorials in visual cognition / / edited by Veronika Coltheart New York:,: Psychology Press,, 2010 Pubbl/distr/stampa **ISBN** 1-136-94034-0 1-283-10580-2 9786613105806 1-136-94035-9 0-203-84730-X Descrizione fisica 1 online resource (407 p.) Collana Macquarie monographs in cognitive science Classificazione CP 2500 **CP 4000 PSY 205f PSY 210f** Altri autori (Persone) ColtheartVeronika 152.14 Disciplina Visual perception Soggetti Cognition Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Based on presentations at a meeting held at the Macquarie Center for Note generali Cognitive Science in Sydney, Australia. Includes bibliographical references and indexes. Nota di bibliografia Nota di contenuto Book Cover; Title; Copyright; Contents; Contributors; 1 Introduction; 2 Iterative Reentrant Processing: A Conceptual Framework for Perception and Cognition (The Binding Problem? No Worries, Mate); 3 Dissecting Spatial Visual Attention: 4 Top-Down and Bottom-Up Control of Visual Selection: Controversies and Debate; 5 Getting Into Guided Search; 6 Eyeblinks and Cognition; 7 Visual Spatial Attention and Visual Short-Term Memory: Electromagnetic Explorations of Mind; 8 A Review of Repetition Blindness Phenomena and Theories; 9 Spatial Attention and the Detection of Weak Visual Signals 10 Face and Object Recognition: How Do They Differ?11 Is Face Processing Automatic?: 12 Visuospatial Representation of Number Magnitude; 13 Visual Memories; Author Index; Subject Index In the late-1980s, visual cognition was a small subfield of cognitive Sommario/riassunto

psychology, and the standard texts mainly discussed just iconic

memory in their sections on visual cognition. In the subsequent two decades, and especially very recently, many remarkable new aspects of the processing of brief visual stimuli have been discovered -- change blindness, repetition blindness, the attentional blink, newly-discovered properties of visual short-term memory and of the face recognition system, the influence of reentrant processing on visual perception, and the surprisingly intimate relationships bet