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Nota di contenuto	Contributors -- Preface -- 1. Conscious and unconscious aspects of working memory / Amanda L. Gilchrist and Nelson Cowan -- 2. Markers of awareness? EEG potentials evoked by faint and masked events, with special reference to the 'attentional blink' / Rolf Verleger -- 3. In search for auditory object representations / Istvan Winkler -- 4. Representation of regularities in visual stimulation: Event-related potentials reveal the automatic acquisition / Istvan Czigler -- 5. Auditory learning in the developing brain / Minna Huotilainen and Tuomas Teinonen -- 6. Neurocomputational models of perceptual organization / Susan L. Denham ... [et al.] -- 7. Are you listening? Language outside the focus of attention / Yury Shtyrov and Friedemann Pulvermuller -- 8. Unconscious memory representations underlying music-syntactic processing and processing of auditory oddballs / Stefan Koelsch -- 9. On the psychophysiology of aesthetics: Automatic and controlled processes of aesthetic appreciation / Thomas Jacobsen -- Appendix: Using electrophysiology to study unconscious memory representations / Alexandra Bendixen -- Index.
Sommario/riassunto	Perceptual experience emerges from neural computations. Unconscious Memory Representations in Perception focuses on the role of implicit

(non-conscious) memories in processing sensory information. Making sense of the wealth of information arriving at our senses requires implicit memories, which represent environmental regularities, contingencies of the sensory input, as well as general contextual knowledge. Recent findings and theories in cognitive and computational neuroscience provided new insights into the structure and contents of implicit memory representations. The chapters of this book examine implicit memories both in relatively simple situations, such as perceiving auditory and visual objects, as well as in highlevel cognitive functions, such as speech and music perception and aesthetic experience. By nature, implicit memories cannot be directly studied with behavioral methods. Therefore, a large part of the evidence reviewed was obtained in neuroscientific studies. Readers with limited experience in neuroscience will find information about the most commonly used techniques in the appendix of this volume. (Series B).
