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Autore	Friedenberg Jay
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Nota di contenuto	Visual Attention and Consciousness; Copyright; Contents; Acknowledgements; Chapter 1 Introduction; Themes and Chapter Organization; What Is Consciousness?; What Is Attention?; Framing the Problem; A Scientific Approach to the Study of Consciousness; Chapter 2 Neural Underpinnings; Structural Organization of the Visual System; The Neuronal Basis of Conscious and Unconscious Vision; Neural Synchrony; The Neuronal Basis of Attention; Problems with Studying the Neuronal Basis of Consciousness; Chapter 3 Under Construction; The Blind Spot; Saccadic Suppression; Illusory Contours; Filling-In Perceptual Completion Chapter 4 I'm Getting Tired of This; Color Aftereffects; Motion Aftereffects; Tilt Aftereffects; Chapter 5 Same but Different; Binocular Rivalry; Figure-Ground; Multi-stability; Chapter 6 One or Many?; Selective Attention; Divided Attention; Dorsal and Ventral Pathways; Hemispheric Differences and Consciousness; Chapter 7 Varieties of Visual Attention; Preattentive and Attentive Processing;

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The Stroop Task The Flanker Task; Saliency; Orienting; Chapter 9 Now You See It, Now You Don't; Priming; Masking; Chapter 10 Looking without Seeing; Attentional Blink; Repetition Blindness; Change Blindness; Inattentive Blindness; Chapter 11 The Damaged Brain: Agnosias; Cerebral Achromatopsia; Akinetopsia; Apperceptive Agnosia; Associative Agnosia; Prosopagnosia; Capgras Syndrome; Anosognosia; Chapter 12 The Damaged Brain: Other Disorders; Scotomas; Blindsight; Neglect; Extinction; Balint's Syndrome; Chapter 13 Conclusion; Consciousness and Evolution; The Dynamic Core Hypothesis
General Properties of Consciousness Integrating Models; How We do It: Overcoming Obstacles; References; Index

Sommario/riassunto

Consciousness is perhaps one of the greatest mysteries in the universe. This ambitious book begins with a philosophical approach to consciousness, examining some key questions such as what is meant by the term "conscious," and how this applies to vision. The book then explores major visual phenomena related to attention and conscious experience-including filling-in processes, aftereffects, multi-stability, forms of divided attention, models of visual attention, priming effects, types of attentional blindness and various visual disorders. For each phenomenon, the biological an
