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Nota di contenuto	Handbook of Psychology; Contents; Handbook of Psychology Preface; Volume Preface; Contributors; Chapter 1 Behavioral Genetics; Introduction; Subjects; Genome Projects; Methods; Natural Genetic Variants and Behavior; Gene Mutations and Behavior; Translational Knockdowns and Behavior; Gene Expression Correlates With Behavior; Genetics and Behavioral Taxonomy; Male Mouse Aggression; Mouse Emotionality; Rat and Mouse Learning and Cognition; Human Psychopathology; Summary; Genetics and Biological Mechanisms of Behavior; Pedigree of Causes; Mouse Olfaction; Rodent Social Recognition Individual Chemosignals and Social Recognition Mouse Offense; Summary; Genotype by Genotype Interactions; Mouse Emotionality; Summary; Genes, Environment, and Behavioral Development; Rats Cognition; Mouse Aggression; Human Personality and Psychopathology; Epigenetics; Future Directions; References; Chapter 2 Evolutionary

Psychology; Levels Of Explanation in Evolutionary Psychology; The Metatheory Level of Analysis; Metatheoretical Assumptions that are Consensually Held by Evolutionary Scientists; Natural Selection; Adaptation; Sexual Selection; Inclusive Fitness Theory
Special Metatheoretical Assumptions of Evolutionary Psychology
Psychological Mechanisms as the Main Unit of Analysis; Domain Specificity of Psychological Mechanisms; The Environment of Evolutionary Adaptedness; The Middle-Level Theory Level of Analysis; Parental Investment Theory; Good Genes Sexual Selection Theory; The Hypothesis Level of Analysis; Good Genes Sexual Selection Theory: Hypotheses; The Prediction Level of Analysis; Good Genes Sexual Selection Theory: Predictions; The Future of Evolutionary Psychology; The Impact of Evolutionary Psychology; Future Directions; References
Chapter 3 Comparative Vision
Environments and Eyes; Fundamental Features of Photic Environments; Eyes: Basic Design Features and Evolution; Photosensitivity; Measuring Animal Vision; Three Issues in Comparative Vision; Detecting Change; Resolving Spatial Structure; Exploiting Chromatic Cues; Conclusion; References;
Chapter 4 Visual Processing in the Primate Brain; Visual Processing Basics; Parallel Processing in Vision; The Retina; Photoreceptors; Bipolar Cells; Amacrine Cells; Ganglion Cells; Optic Nerve; Lateral Geniculate Nucleus (LGN); Nonretinal Inputs to LGN
Visual Areas in Primate Cerebral Cortex
Visual Topographic Maps; V1-Primary Visual Cortex; V2; Major Cortical Visual Processing Pathways; Ventral Pathway; Position Tolerance; Form Selectivity in Single Neurons; Category Selectivity in fMRI; Dorsal Pathway; Middle Temporal Area (MT); Lateral Intraparietal Area (LIP); Concluding Remarks; References;
Chapter 5 Comparative Audition; Introduction; Overview of Acoustic Stimuli and Their Transmission Through the Environment; Auditory Function and Behavior; Absolute Auditory Thresholds; Masked Auditory Thresholds; Frequency Difference Limens
Temporal Resolution

Sommario/riassunto

Psychology is of interest to academics from many fields, as well as to the thousands of academic and clinical psychologists and general public who can't help but be interested in learning more about why humans think and behave as they do. This award-winning twelve-volume reference covers every aspect of the ever-fascinating discipline of psychology and represents the most current knowledge in the field. This ten-year revision now covers discoveries based in neuroscience, clinical psychology's new interest in evidence-based practice and mindfulness, and new findings in social, developmental, an
