Record Nr. UNINA9910455019203321 Cognitive biology [[electronic resource]]: evolutionary and **Titolo** developmental perspectives on mind, brain, and behavior / / edited by Luca Tommasi, Mary A. Peterson, and Lynn Nadel Cambridge, MA;; London,: MIT Press, c2009 Pubbl/distr/stampa **ISBN** 9786612240522 1-282-24052-8 0-262-25526-X Descrizione fisica 1 online resource (353 p.) Collana Vienna series in theoretical biology Altri autori (Persone) TommasiLuca <1970-> PetersonMary A. <1950-> NadelLynn Disciplina 153 Soggetti Brain - Evolution Cognitive science Electronic books. Inglese Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Contents: Series Foreword: Preface: I INTRODUCTION: 1 Cognitive Biology: The New Cognitive Sciences; II SPACE; 2 The Role of Social Selection in the Evolution of Hippocampal Specialization; 3 Spatial Cognition, Memory Capacity, and the Evolution of Mammalian Hippocampal Networks; 4 Space for the Brain in Cognitive Science; 5 Animals as Natural Geometers: 6 Is Cognitive Modularity Necessary in an Evolutionary Account of Development?; III QUALITIES AND OBJECTS; 7 Color Generalization by Birds; 8 Evolutionary Biology of Limited Attention; 9 Learning to See and Conceive IV NUMBERS AND PROBABILITY10 A Comparative Perspective on the Origin of Numerical Thinking; 11 Numerical and Spatial Intuitions: A Role for Posterior Parietal Cortex?; 12 Learning in Core and Noncore Domains; 13 Neuroscience, Psychology, and Economic Behavior: The

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Sommario/riassunto	This text is an overview of current research at the intersection of psychology and biology which integrates evolutionary and developmental data and explanations.