Record Nr. UNINA9910453736503321 Autore Thompson Richard F. Titolo Memory: The Key to Consciousness / / Richard F. Thompson, Stephen A. Madigan Pubbl/distr/stampa Princeton, NJ:,: Princeton University Press,, [2013] ©2008 **ISBN** 1-4008-4948-9 Edizione [Course Book] Descrizione fisica 1 online resource (289 p.) Collana Science Essentials;; 19 Disciplina 153.12 Soggetti Learning - Physiological aspects Learning, Psychology of Memory Thought and thinking SCIENCE / Physics / Astrophysics Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto Frontmatter -- Preface -- Contents -- 1. What Is Memory? -- 2. Memories of the Here and Now -- 3. The Early Development of Memory -- 4. Ordinary Forgetting -- 5. Amnesia -- 6. False Memory -- 7. Emotional Learning and Memory -- 8. Language -- 9. Mechanisms of Memory -- 10. The Future of Memory -- Suggested Readings -- Notes -- Index Memory is perhaps the most extraordinary phenomenon in the natural Sommario/riassunto world. Every person's brain holds millions of bits of information in long-term storage. This vast memory store includes our extensive vocabulary and knowledge of language; the tremendous and unique variety of facts we've amassed; all the skills we've learned, from walking and talking to musical and athletic performance; many of the emotions we feel; and the continuous sensations, feelings, and understandings of the world we term consciousness. Without memory there can be no mind as we understand it. Focusing on cutting-edge research in

behavioral science and neuroscience, Memory is a primer of our current scientific understanding of the mechanics of memory and learning.

Over the past two decades, memory research has accelerated and we have seen an explosion of new knowledge about the brain. For example, there now exists a wide-ranging and successful applied science devoted exclusively to the study of memory that has yielded better procedures for eliciting valid recollections in legal settings and improved the diagnosis and treatment of memory disorders. Everyone fascinated by the scope and power of the human brain will find this book unforgettable.