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Titolo	Clinical neuropsychology [[electronic resource]] : a practical guide to assessment and management for clinicians / / edited by Laura H. Goldstein and Jane E. McNeil
Pubbl/distr/stampa	Chichester, West Sussex, Eng. ; ; Hoboken, NJ, : Wiley, c2004
ISBN	9786610274000 0-470-01333-8 1-280-27400-X 9780470871369 0-470-87136-9
Descrizione fisica	1 online resource (448 p.)
Altri autori (Persone)	GoldsteinLaura H <1960-> (Laura Hilary) McNeilJane E
Disciplina	616.8 616.89
Soggetti	Clinical neuropsychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Clinical Neuropsychology; Contents; About the Editors; List of Contributors; Preface; Part I General Introduction; Chapter 1 General Introduction: What Is the Relevance of Neuropsychology for Clinical Psychology Practice?; Part II Neuroscience Background; Chapter 2 Neuroanatomy and Neuropathology; Chapter 3 Neurological Investigations; Part III Neuropsychological Assessment-General Issues; Chapter 4 Psychological and Psychiatric Aspects of Brain Disorder: Nature, Assessment and Implications for Clinical Neuropsychology Chapter 5 The Effects of Medication and Other Substances on Cognitive FunctioningChapter 6 Psychometric Foundations of Neuropsychological Assessment; Part IV Adult Neuropsychology; Chapter 7 Disorders of Memory; Chapter 8 Disorders of Language and Communication; Chapter 9 Executive Dysfunction; Chapter 10 Disorders of Voluntary Movement; Chapter 11 Visuospatial and Attentional Disorders; Chapter 12 Disorders of Number Processing and Calculation; Part V Neuropsychology: Specialist Areas of Work; Chapter 13 Clinical

Neuropsychological Assessment of Children
 Chapter 14 Neuropsychology of Older AdultsChapter 15
 Neuropsychology and the Law; Part VI Rehabilitation; Chapter 16
 Theoretical Approaches to Cognitive Rehabilitation; Chapter 17
 Planning, Delivering and Evaluating Services; Chapter 18 Interventions
 for Psychological Problems after Brain Injury; Chapter 19
 Neurorehabilitation Strategies for People with Neurodegenerative
 Conditions; Index

Sommario/riassunto

Clinical Neuropsychology A Practical Guide to Assessment and Management for Clinicians shows how knowledge of neuropsychological applications is relevant and useful to a wide range of clinicians. It provides a link between recent advances in neuroimaging, neurophysiology and neuroanatomy and how these discoveries may best be used by clinicians. Anyone working with clients whose cognitive functioning shows some change and who needs to assess and make recommendations about rehabilitation and management will find this book essential reading. Practical focus on what is important

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Autore

Goertzel Ben

Titolo

Engineering General Intelligence, Part 1 : A Path to Advanced AGI via Embodied Learning and Cognitive Synergy // by Ben Goertzel, Cassio Pennachin, Nil Geisweiller

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Descrizione fisica

1 online resource (418 p.)

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Atlantis Thinking Machines, , 1877-3281 ; ; 5

Disciplina

006.3

Soggetti

Artificial intelligence
 Computational intelligence
 Dynamics
 Nonlinear theories
 Neurosciences
 Neural networks (Computer science)
 Artificial Intelligence
 Computational Intelligence
 Applied Dynamical Systems
 Neuroscience
 Mathematical Models of Cognitive Processes and Neural Networks

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Includes index.
Nota di contenuto	<p>A Brief Overview of Cog Prime -- Build Me Something I Haven't Seen: A Cog Prime Thought Experiment -- What is Human-Like General Intelligence? A Patternist Philosophy of Mind -- Brief Survey of Cognitive Architectures -- A Generic Architecture of Human-Like Cognition -- A Formal Model of Intelligent Agents -- Cognitive Synergy -- General Intelligence in the Everyday Human World -- A Mind-World Correspondence Principle -- Stages of Cognitive Development -- The Engineering and Development of Ethics -- Local, Global and Glocal Knowledge Representation -- Representing Implicit Knowledge via Hypergraphs -- Emergent Networks of Intelligence -- AGI Preschool -- A Preschool-Based Roadmap to Advanced AGI -- Advanced Self-Modification: A Possible Path to Superhuman AGI.</p>
Sommario/riassunto	<p>The work outlines a novel conceptual and theoretical framework for understanding Artificial General Intelligence and based on this framework outlines a practical roadmap for the development of AGI with capability at the human level and ultimately beyond.</p>