1. Record Nr. UNINA9910792251003321

Autore	Fuster Joaquin M
Titolo	Cortex and mind [[electronic resource]] : unifying cognition / / Joaquin M. Fuster
Pubbl/distr/stampa	Oxford, : Oxford University Press, 2005
ISBN	0-19-029377-2 0-19-973105-5 1-280-84630-5 0-19-530084-X 9786610846306
Edizione	[Paperback ed.]
Descrizione fisica	1 online resource (313 p.)
Disciplina	612.8 612.825
Soggetti	Cognition Cerebral cortex
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 (p. 257-284) and index.
Nota di contenuto	Contents; 1 Introduction; The Problem; Cognitive Networks: Theory; Cognitive Networks: Neuroscience; The Cognit; 2 Neurobiology of Cortical Networks; Phylogeny of the Cortex; Ontogeny of the Cortex; Cognitive Network Formation; Extracortical Factors; Basic Structure of Cognitive Networks; 3 Functional Architecture of the Cognit; Structure of Knowledge in Connectionist Models; Categories of Knowledge; Cortical Modularity; Cortical Hierarchy of Perceptual Networks; Cortical Hierarchy of Executive Networks; Heterarchical Representation in Association Cortex; 4 Perception Perceptual CategorizationGestalt; Cortical Dynamics of Perception; Perceptual Binding; Perception-Action Cycle; 5 Memory; Formation of Memory; Short-Term Memory; Perceptual Memory; Executive Memory; Retrieval of Memory; 6 Attention; Biological Roots of Attention; Perceptual Attention; Working Memory; Executive Attention; Set and Expectancy; Execution and Monitoring; 7 Language; Neurobiology of Language; Hemispheric Lateralization; Neuropsychology of Language; Functional Architecture of Semantics; Cortical Dynamics of Syntax; 8

	Intelligence; Development of Intelligence; Anatomy of Intelligence ReasoningProblem Solving; Decision Making; Creative Intelligence; 9 Epilogue on Consciousness; References; Index; A; B; C; D; E; F; G; H; I; K; L; M; N; O; P; R; S; T; U; V; W
Sommario/riassunto	1. Introduction; The Problem; Cognitive Networks: Theory; Cognitive Networks: Neuroscience; The Cognit 2. Neurobiology of Cortical Networks; Phylogeny of the Cortex; Ontogeny of the Cortex; Cognitive Network Formation; Extracortical Factors; Basic Structure of Cognitive Networks 3. Functional Architecture of the Cognit; Structure of Knowledge in Connectionist Models; Categories of Knowledge; Cortical Modularity; Cortical Hierarchy of Perceptual Networks; Cortical Hierarchy of Executive Networks; Heterarchical Representation in Association Cortex 4. Perception; Perceptual Categorization; G