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Autore	ALPA, Guido
Titolo	Le persone fisiche [2. ed.] : [Artt. 1-10] / Guido Alpa, Anna Ansaldo
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Descrizione fisica	XVII, 492 p. ; 25 cm
Altri autori (Persone)	ANSALDO, Anna
Disciplina	346.4506648
Soggetti	Persone fisiche
Collocazione	XXV.1.B. 694 172
Lingua di pubblicazione	Italiano
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Titolo	Theory of cortical plasticity [[electronic resource] /] / Leon Cooper ... [et al.]
Pubbl/distr/stampa	New Jersey, : World Scientific, 2004
ISBN	1-281-87249-0 9786611872496 981-256-255-9
Descrizione fisica	1 online resource (333 p.)
Altri autori (Persone)	CooperLeon N <1930-> (Leon Neil)
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Soggetti	Neuroplasticity Neuroplasticity - Mathematical models Cerebral cortex
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Theory of Cortical Plasticity; Preface; Acknowledgements; Contents; The Software Package, Plasticity; Notation; Common Acronyms and Abbreviations; 1. Introduction; 2. Single Cell Theory; 3. Objective Function Formulation; 4. Cortical Network Theory; 5. Review and Analysis of Second Order Learning Rules; 6. Receptive field selectivity in a natural image environment; 7. Ocular dominance in normal and deprived cortex; 8. Networks of Interacting BCM Neurons; 9. Experimental evidence for the assumptions and consequences of the BCM theory; Bibliography
Sommario/riassunto	In Theory of Cortical Plasticity, Nobel Laureate Leon Cooper and his collaborators present a systematic development of the Bienenstock, Cooper and Munro (BCM) theory of synaptic plasticity, and discuss experiments that test both its assumptions and consequences.This insightful book provides an elegant analysis of theoretical structure in neuroscience research, and elucidates the role BCM theory has played in guiding research leading to our present understanding of the mechanisms underlying cortical plasticity.