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Altri autori (Persone)	LevinHarvey S GrafmanJordan
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Nota di contenuto	<ul> <li>Contents; Contributors; 1. Historical Notes on Reorganization of Function and Neuroplasticity; I. Neuroscience Research on Neuroplasticity and Reorganization of Function; 2. Neuropsychological Indices of Early Medial Temporal Lobe Dysfunction in Primates; 3.</li> <li>Cognitive Recovery from Traumatic Brain Injury: Results of Posttraumatic Experimental Interventions; 4. Growth of New Connections and Adult Reorganizational Plasticity in the Somatosensory System; 5. Neuroanatomic Basis for Reorganization of Function After Prefrontal Damage in Primates</li> <li>6. Reorganization of Function After Cortical Lesions in Rodents7. Rapid Reorganization of Subcortical and Cortical Maps in Adult Primates; 8.</li> <li>Motor Rehabilitation, Use-Related Neural Events, and Reorganization of the Brain After Injury; 9. Role of Neuroplasticity in Functional Recovery After Stroke; II. Developmental Studies of Neuroplasticity; 10. Spatial Cognitive Development Following Prenatal or Perinatal Focal Brain</li> </ul>

1.

	<ul> <li>Injury; 11. Neuroplasticity Following Traumatic Diffuse versus Focal Brain Injury in Children: Studies of Verbal Fluency</li> <li>12. Cerebral Reorganization in Children with Congenital Hemiplegia: Evidence from the Dichotic Listening Test13. Reorganization of Motor Function in Cerebral Palsy; III. Techniques for Studying Neuroplasticity in Humans; 14. The Developmental Disorders: Does Plasticity Play a Role?; 15. Transcranial Magnetic Stimulation as a Tool for Detecting Changes in the Organization of the Human Motor System After Central and Peripheral Lesions; 16. Methodological Issues in Functional Magnetic Resonance Imaging Studies of Plasticity Following Brain Injury; 17. Neuroimaging of Functional Recovery</li> <li>18. Computational Modeling of the Cortical Response to Focal DamageIV. Synthesis and Implications for Rehabilitation; 19. Conceptual Issues Relevant to Present and Future Neurologic Rehabilitation; Index; A; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; R; S; T; U; V; W</li> </ul>
Sommario/riassunto	This book integrates neuroscience research on neuroplasticity with clinical investigation of reorganisation of function after brain injury, especially from the perspective of eventually translating the findings to rehabilitation.