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Nota di bibliografia

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Nota di contenuto

Chapter 1. Introduction -- Chapter 2. Apraxia, Dyspraxia and Motor Coordination Disorders: Definitions and Confounds -- Chapter 3. The Etiology of Apraxia -- Chapter 4. The Connectome and Apraxia -- Chapter 5. Neuronal Populations, Neural Nodes and Apraxia -- Chapter 6. It's not only Apraxia -- Chapter 7. Developmental Motor Coordination Disorder -- Chapter 8. Childhood Apraxia of Speech -- Chapter 9. Neural networks Components of Childhood Apraxia of Speech and Associated Comorbidities -- Chapter 10. Neuropsychological Assessment of Apraxia -- Chapter 11. Treatment for apraxia: plasticity and regeneration -- Chapter 12. Understanding Apraxia Going Forward.

Sommario/riassunto

The work will be a reanalysis and reconceptualization of the concept of apraxia. Apraxia is currently understood as a motor speech disorder but an analysis of the neural network properties of apraxia indicate a more complex and far reaching disorder with implications for intentionality, motor coordination and motor control of response inhibition in a variety of human behavioral and emotional reactions. A thorough redefinition of apraxia will be provided along with suggestions for diagnoses and treatment. The primary audience will be diagnostic and treating professionals in a variety of disciplines (outlined above). Secondly, the book will provide an argument and justification for considering developmental apraxia of speech to be a separate and discrete white matter based disorder. Finally, this work will serve as a driver of future research in the area.