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Nota di contenuto	Early experiments on motor cortex -- An integrative map of the body -- Hierarchy in the cortical motor system -- Neuronal control of movement -- What can be learned from electrical stimulation? -- Complex movements evoked by electrical stimulation of motor cortex -- The match between natural neuronal properties and stimulation-evoked movement -- The movement repertoire of monkeys -- Dimensionality reduction as a theory of motor cortex organization -- Feedback remapping and the cortical-spinal-muscular system -- Social implications of motor control.
Sommario/riassunto	In The Intelligent Movement Machine: An Ethological Perspective on the Primate Motor System, Michael Graziano offers a fundamentally new theory of motor cortex organization: the rendering of the movement repertoire onto the cortex. The action repertoire of an animal is highly dimensional, whereas the cortical sheet is two-dimensional. Rendering the action space onto the cortex therefore results in a complex pattern, explaining the otherwise inexplicable details of the motor cortex

organization. This clearly written book book includes a complete history of motor cortex research from its discove