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Titolo	Metrics of sensory motor coordination and integration in robots and animals : how to measure the success of bioinspired solutions with respect to their natural models, and against more 'Artificial' solutions? / / editors, Fabio Bonsignorio [et al.]
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Collana	Cognitive Systems Monographs, , 1867-4925 ; ; 36
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Sommario/riassunto	This book focuses on a critical issue in the study of physical agents, whether natural or artificial: the quantitative modelling of sensory–motor coordination. Adopting a novel approach, it defines a common scientific framework for both the intelligent systems designed by engineers and those that have evolved naturally. As such it contributes to the widespread adoption of a rigorous quantitative and refutable approach in the scientific study of 'embodied' intelligence and cognition More than 70 years after Norbert Wiener's famous book Cybernetics: or Control and Communication in the Animal and the Machine (1948), robotics, AI and life sciences seem to be converging towards a common model of what we can call the 'science of embodied intelligent/cognitive agents'. This book is interesting for an interdisciplinary community of researchers, technologists and entrepreneurs working at the frontiers of robotics and AI, neuroscience and general life and brain sciences.