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	Nota di contenuto	Foreword -- Introduction -- Learning from Multimedia: Cognitive Processes and Instructional Support -- The Physiology of Numerical Learning: From Embodied Interaction to Neural Correlates -- Knowledge Acquisition with Dynamic Visualizations: Animations, Interactive Videos, and Beyond -- Hypermedia in the 21st Century: From Hypertext to Multiple Sources and Multimodal Interaction -- Social Dimensions of Knowledge Exchange via Digital Media -- Fostering Collaboration with Group Awareness Tools -- Dynamics of Knowledge Construction -- Digital Design and Learning: Perspectives of Individual and Group Knowledge Processes in Design Problem Solving -- Knowledge Networks in Social Media -- Afterword.
	Sommario/riassunto	This book provides an overview of the state-of-the art of psychological research on learning and knowledge exchange with digital media, based on a comprehensive research program that was realized at the Leibniz-Institut für Wissensmedien(IWM) during the last decade. The dramatic rise of new tools and technologies, including both hardware

devices like smartphones, tablets, multitouch-tables, or stereoscopic screens as well as software environments like Google, Wikipedia, Facebook, Twitter or MOOCs – has fundamentally reshaped teaching, learning, and knowledge exchange. The authors describe an area of digital learning in light of these recent technological developments, specify the relevant theoretical approaches, summarize the main research results from the lab, and discuss their theoretical and practical implications.