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Nota di contenuto	Cover; Contents; List of Figures; List of Tables; Preface; Chapter 1 Macrocognition in Teams; Chapter 2 Empirical Model of Team Collaboration Focus on Macrocognition; Chapter 3 Shared Mental Models and Their Convergence; Chapter 4 Communication as Team-level Cognitive Processing; Chapter 5 Collaboration, Training, and Pattern Recognition; Chapter 6 Toward a Conceptual Model of Common Ground in Teamwork; Chapter 7 Agents as Collaborating Team Members; Chapter 8 Transferring Meaning and Developing Cognitive Similarity in Decision-making Teams: Collaboration and Meaning Analysis Process Chapter 9 Processes in Complex Team Problem-solving: Parsing and Defining the Theoretical Problem SpaceChapter 10 Augmenting Video to Share Situation Awareness More Effectively in a Distributed Team; Chapter 11 EWall: A Computational System for Investigating and Supporting Cognitive and Collaborative Sense-making Processes; Chapter 12 DCODE: A Tool for Knowledge Transfer, Conflict Resolution and Consensus-building in Teams; Chapter 13 Modeling Cultural and Organizational Factors of Multinational Teams; Chapter 14 CENTER: Critical Thinking in Team Decision-making

Chapter 15 Measuring Situation Awareness through Automated Communication Analysis; Chapter 16 Converging Approaches to Automated Communications-based Assessment of Team Situation Awareness; Chapter 17 Shared Lightweight Annotation TEchnology (SLATE) for Special Operations Forces; Chapter 18 JIGSAW - Joint Intelligence Graphical Situation Awareness Web for Collaborative Intelligence Analysis; Chapter 19 The Collaboration Advizor Tool: A Tool to Diagnose and Fix Team Cognitive Problems; Chapter 20 Collaborative Operational and Research Environment (CORE): A Collaborative Testbed and Tool Suite for Asynchronous Collaboration; Chapter 21 Plug-and-Play Testbed for Collaboration in the Global Information Grid; Chapter 22 Naturalistic Decision-making Based Collaboration Scenarios; Chapter 23 Macrocognition Research: Challenges and Opportunities on the Road Ahead; Index

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Sommario/riassunto

Macrocognition in Teams provides readers with a greater understanding of the macrocognitive processes which support collaborative team activity, showcasing current research, theories, methodologies and tools. It will be of direct relevance to academics, researchers and practitioners interested in group/team interaction, performance, development and training.

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