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Titolo	Advances in cross-cultural decision making / / [edited by] Dylan Schmorrow, Denise Nicholson
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Collana	Advances in human factors and ergonomics series ; ; 3
Altri autori (Persone)	SchmorrowDylan <1967-> NicholsonDenise <1967->
Disciplina	153.83
Soggetti	Decision making Decision making - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Table of Contents; Preface; 1. Cultural decision making through aggregate models of human behavior; 2. Information channels in MMOGs: Implementation and effects; 3. Modeling social conflict: Theory, data and integration across multiple levels; 4. Social radar for smart power; 5. Enabling a comprehensive approach to operations: The value of human social culture behavior modeling; 6. Identifying and assessing a schema for cultural understanding; 7. Modeling and assessing cross-cultural competence in operational environments 8. Using cultural models of decision making to develop and assess cultural sensemaking competence9. Designing games as social-process simulation crucible experiences: Toward developing and assessing intercultural adaptability; 10. Development of the Cross-Cultural Competence Inventory (3CI); 11. Democracy's sacred opinions and the radicalization ofIslam in the twentieth century; 12. Theories of regime development across the millennia and their application to modern liberal democracies; 13. Relativism and its consequences for Western civilization 14. Factors of destabilization and collapse: A comparative study of the

Roman and British Empires and the consequences for Western Civilization15. Authoring by cultural demonstration; 16. Using behavioral science principles to train small unit decision making; 17. Training decision making for small units in complex cultural contexts; 18. FITE - Team training for cross-cultural decision making; 19. Translating science into practice: Developing a decision making training tool; 20. Implications of physiological measures of stress for training cross culturaldecision making skills 21. Training tactical decision making under stress in cross-cultural environments22. Intertemporal reasoning and cross-cultural decision making; 23. Cultural influences associated with adversarial recruitment; 24. An evidence-based framework for decision making in culturally complex environments; 25. A multi-scale model of cultural distinctions in technology adoption; 26. An architecture for socio-cultural modeling; 27. Cultural network analysis: Method and application; 28. Target audience simulation kit: Modeling culture and persuasion; 29. Data problems for cross-cultural decision making 30. MASON RebeLand and data aspects of agent-based simulation models31. Terrorist profiles: From their own words; 32. Dynamic decision making games and conflict resolution; 33. Lethal combinations: Studying the structure of terrorist networks; 34. Multi-perspective, multi-future modeling and model analysis; 35. Building cross cultural trust and change: How do I obtain and implement local knowledge?; 36. Applying epidemiological modeling to idea spread; 37. Capturing culture and effects variables using structured argumentation 38. Evaluating human, social, cultural and behavioral (HSCB) models for operational use

## Sommario/riassunto

Preface This book is concerned with how decisions are made within a specific culture and across different cultures. The primary focus of the Cross Cultural Decision Making field is specifically on the intersections between psychosocial theory provided from the social sciences and methods of computational modeling provided from computer science and mathematics. While the majority of research challenges that arise out of such an intersection fall quite reasonably under the rubric of human factors, although these topics are broad in nature, this book is designed to focus on crucial questions regarding data acquisition as well as reconciliation of mathematical and psychosocial modeling methodologies. The utility of this area of research is to aid the design of products and services which are utilized across the globe in the variety of cultures and aid in increasing the effectiveness of cross-cultural group collaboration. Each of the chapters of the book were either reviewed by the members of Editorial Board or germinated by them. This book would of special value to researchers and practitioners in involved in the design of products and services which are marketed and utilized in a variety of different countries--

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Autore	Prasad Paras N
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ISBN	9780471670254 (e-book) 9780471649885 (hbk.) 1-280-54211-X 9786610542116 0-471-67024-3 0-471-67025-1
Descrizione fisica	1 online resource (xv, 415 p.) : ill
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Soggetti	Nanophotonics
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Foundations for Nanophotonics -- 3. Near-Field Interaction and Microscopy -- 4. Quantum-Confined Materials -- 5. Plasmonics -- 6. Nanocontrol of Excitation Dynamics -- 7. Growth and Characterization of Nanomaterials -- 8. Nanostructured Molecular Architectures -- 9. Photonic Crystals -- 10. Nanocomposites -- 11. Nanolithography -- 12. Biomaterials and Nanophotonics -- 13. Nanophotonics for Biotechnology and Nanomedicine -- 14. Nanophotonics and the Marketplace -- Index.
Sommario/riassunto	The only comprehensive treatment of nanophotonics currently available. Photonics is an all-encompassing optical science and technology which has impacted a diverse range of fields, from information technology to health care. Nanophotonics is photonic science and technology that utilizes light-matter interactions on the nanoscale, where researchers are discovering new phenomena and developing technologies that go well beyond what is possible with conventional photonics and electronics. These new technologies could include efficient solar power generation, high-bandwidth and high-speed communications, high-capacity data storage, and flexible- and high-contrast displays. In addition, nanophotonics will continue to

impact biomedical technologies by providing new and powerful diagnostic techniques, as well as light-guided and activated therapies. Nanophotonics provides the only available comprehensive treatment of this exciting, multidisciplinary field, offering a wide range of topics covering: Foundations; Materials; Applications; Theory; Fabrication. Nanophotonics introduces students to important and timely concepts and provides scientists and engineers with a cutting-edge reference. The book is intended for anyone who wishes to learn about light-matter interactions on the nanoscale, as well as applications of photonics for nanotechnology and nanobiotechnology. Written by an acknowledged leader in the field, this text provides an essential resource for those interested in the future of materials science and engineering, nanotechnology, and photonics.

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