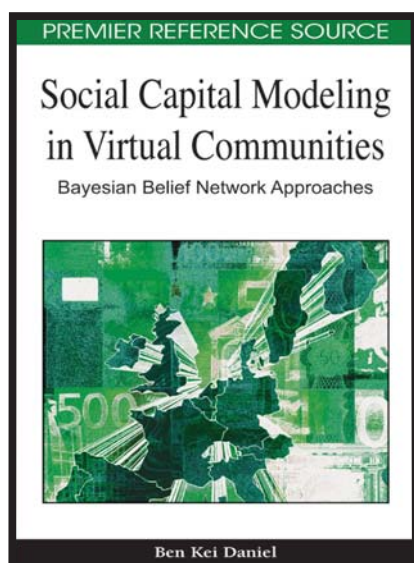


New Release

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Social Capital Modeling in Virtual Communities: Bayesian Belief Network Approaches



Authored by: Ben Daniel, University of Saskatchewan, Canada

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Throughout history, the permeation of new technologies have assisted communities in their aim to collectively work together in addressing shared problems for the attainment of specific goals and outcomes.

“This book represents a landmark consideration of the origin, diverse meanings, types, dimensions, components, measurements methods, sources, and positive and negative consequences of social capital, with a particular emphasis on how to model social capital within virtual communities.”

-Ben K. Daniel, University of Saskatchewan, Canada

Subject:

Social Computing; Human Aspects of Technology; Web Technologies; Knowledge Management; IT Education; Global Information Technology; Artificial Intelligence

Market:

This essential publication will be invaluable to academic and research libraries and those interested in learning about the most current uses for information technology utilization in society. Researchers, educators, practitioners, students, and administrators across a broad spectrum of fields including education, information technology, sociology, psychology, anthropology, and communications will find this timely reference provides them with cutting-edge theories on the impact information technology is having on social interaction and human communication.

Social Capital Modeling in Virtual Communities: Bayesian Belief Network Approaches broadly examines what constitutes social capital in geographical communities and offers an in-depth description of its potential in virtual communities. Providing the latest findings for advanced undergraduate and graduate students as well as researchers and academicians involved with virtual communities and social capital, this book draws upon insights from interdisciplinary fields such as artificial intelligence, human computer interaction, educational technology, and economics and sociology.



Excellent addition to your library! Recommend to your acquisitions librarian.

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Piet Kommers, University of Twente, the Netherlands

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- Social capital use-case application areas
- Social computing and social software
- Social computing and virtual communities
- Theory and application of social capital
- Trust and social capital

About the Author:

Ben K. Daniel is a researcher and an interim manager for Research and Innovation with the Office of the Associate Vice President Research-Health (University of Saskatchewan) and Vice President of Research and Innovation at Saskatoon Health Region (Saskatoon, Canada). He also lectures on statistics, research methods and communication technologies at the University of Saskatchewan (Canada). He is an eclectic scholar with a vast array of training and experiences drawn from many disciplines, some of which include graduate training in computer science, educational and training systems design, philosophy, statistics, and communications technologies. Dr. Daniel has extensively published over fifty peer-reviewed conference papers, six international and national journal articles and 10 book chapters on variety of topics in advanced learning technologies. He reviews for half a dozen international conferences and journals on advanced learning technologies and knowledge management. His research has won two major national and international awards and was nominated for a couple of international awards. In the past, he held numerous undergraduate and graduate fellowships, awards, and was a Dutch NUFFIC University Fellow at the University of Twente (Enschede, the Netherlands). Dr. Daniel has recently developed curiosity in e-health systems. He is interested in exploring new techniques and opportunities for extending virtual communities and social networking systems to the domain of e-health.

Piet Kommers is an associate professor at the University of Twente in the Netherlands, as well as an adjunct professor in the Faculty of Computer Science at Joensuu University (Finland). Professor Kommers served as advisor to the Ministry of Education in Singapore and several UNESCO international projects on educational technology. Currently, he lectures in the fields of media, technology, communication and education. Dr. Kommers' early research focused on conceptual representations for learning and exploration of virtual reality environments to support learning. He developed several techniques including cognitive style effects that could be derived back to differences in students' short term memory capacity. For more than twenty years, Professor Kommers has worked on various large-scale European research projects. He has organized numerous conferences, initiated new scientific journals covering a variety of areas on virtual presence, explorative learning environments and web-based communities. His work appears in many European and international scientific conferences, book chapters, and journal articles. In addition, he has published six books and was awarded as Honorary Doctorate by Capital Normal University in Beijing in 2000.

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