

Contents

Biometrics in Virtual Communities and Digital Governments / <i>Chang-Tsun Li</i>	1
Building Trust in Virtual Communities / <i>István Mezgár</i>	4
Business Advantage of Community Knowledge / <i>Henny de Vos and Carla Verwijs</i>	10
Business Applications of Virtual Communities / <i>Susan A. Baim</i>	13
Cancer Patient-to-Patient Online Discussion Groups / <i>Roy Rada</i>	18
Codes of Ethics in Virtual Communities / <i>Călin Gurău</i>	22
Collaboration, Communication, and Learning in a Virtual Community / <i>Seungyeon Han and Janette R. Hill</i>	29
Collaborative Information Management System for Science Domains / <i>Ozgul Unal, Ersin C. Kaletas, Hamideh Afsarmanesh, H. Hakan Yakali, and Louis O. Hertzberger</i>	36
Communicating in Synchronous Text-Based Virtual Communities / <i>Lynne D. Roberts, Leigh M. Smith, and Clare M. Pollock</i>	42
Computer-Mediated Communication in Virtual Learning Communities / <i>Lisa Link and Daniela Wagner</i>	49
Converting Online Community Visitors into Online Consumers / <i>Lee Moh Shan, Juliana Sutanto, Atreyi Kankanhalli, and Bernard C.Y. Tan</i>	54
Copyright Protection in Virtual Communities through Digital Watermarking / <i>Huayin Si and Chang-Tsun Li</i>	61
Copyright Protection through Digital Watermarking / <i>Farook Sattar and Dan Yu</i>	66
Creating Telepresence in Virtual Mediated Environments / <i>Sana Debbabi and Serge Baile</i>	73
Cross-Disciplinary Learning in Virtual Teams / <i>Scott P. Schaffer and Therese M. Schmidt</i>	78
Cross-Disciplinary Virtual Design Teams / <i>Scott P. Schaffer, Melissa Lee Price, and Therese M. Schmidt</i>	82
Cultural Diversity and the Digital Divide / <i>Eulace Scott Rhoten</i>	87
Cultural Presence / <i>Erik M. Champion</i>	95

Culture in Virtual Communities / <i>Li Xiao</i>	102
Cyber Rhetoric and Online Ethos / <i>Kirk St. Amant</i>	105
Cyberspace / <i>Josh Lepawsky and Kyonghwan Park</i>	110
Defining “Virtual Community” / <i>Catherine M. Ridings</i>	116
Detecting and Responding to Online Deception / <i>Neil C. Rowe</i>	121
Developing Virtual Communities in Transition Economies / <i>Panagiotis Damaskopoulos and Rimantas Gatautis</i>	125
Differences in the Use of Media Across Cultures / <i>Karen South Moustafa</i>	131
Discussing Health Issues on the Internet / <i>Jane Moon</i>	133
Distance Learning Applications Using Virtual Communities / <i>Susan A. Baim</i>	140
Draw to Participate in Virtual Communities / <i>Susan A. Baim</i>	145
E-Commerce Product Selection and Evaluation Services / <i>Sheng-Uei Guan</i>	150
Effective Virtual Working through Communities of Practice / <i>Chris Kimble and Feng Li</i>	156
E-Leadership / <i>David Gurr</i>	161
E-Learning Models / <i>Eulace Scott Rhoten</i>	166
E-Learning vs. Traditional Teaching Methods / <i>Chris Blackmore, Emmy van Deurzen, and Digby Tantam</i>	174
Electronic Auction Service Framework Based on Mobile Software Agents, An / <i>Sheng-Uei Guan</i>	179
Electronic Networks of Practice and Communities of Practice / <i>Robin Teigland and Molly McLure Wasko</i>	188
Engaging Organisational Culture to Overcome Social Barriers in Virtual Communities / <i>Anzela Huq</i>	193
Establishing and Sustaining Trust in Virtual Organizations / <i>Jing Wang and Kholekile Gwebu</i>	198
Ethics of Deception in Virtual Communities / <i>Neil C. Rowe</i>	204
Examining Social Structure in an Electronic Network of Practice / <i>Molly McLure Wasko and Robin Teigland</i>	207
Extending Online Communities through Virtual Parallel Systems / <i>Chu Jong and Pruthikrai Mahatanankoon</i>	213
Government Applications of Virtual Communities / <i>Susan A. Baim</i>	218
Grey Market Informatics / <i>Kirk St. Amant</i>	223
Groupware and Team Aware / <i>Mohamed Daassi and Marc Favier</i>	228
How an Association Evolved Using Communities of Practice / <i>Anne Zender</i>	232
Human Resources and Knowledge Management Based on E-Democracy / <i>Niki Lambropoulos</i>	238

Hyperlink Analysis / <i>Mike Thelwall</i>	243
ICT, CoLs, CoPs, and Virtual Communities / <i>Antonio Cartelli</i>	248
Implications of Virtual Schooling for Socialization and Community / <i>Glenn Russell</i>	253
Improving Discussion in Virtual Communities / <i>William Brescia</i>	258
Influence on Knowledge Construction / <i>Antonio Cartelli</i>	261
Information Integrity for CRM in a Virtual World / <i>Piyush Malik</i>	266
Information Navigation and Knowledge Discovery in Virtual Communities / <i>Wenyuan Li, Wee-Keong Ng, and Kok-Leong Ong</i>	273
Integrating Visualization Techniques in Groupware Interfaces / <i>Mohamed Daassi, Chaouki Daassi, and Marc Favier</i>	279
Intellectual Property Rights in Open Source Software Communities / <i>Chitu Okoli and Kevin Carillo</i>	285
Internet-Mediated Communities / <i>Carlo Gabriel Porto Bellini and Lilia Maria Vargas</i>	291
Investor Empowerment or Market Manipulation in Financial Virtual Communities / <i>John Campbell</i>	296
Mediacommunication Based on Application-Layer Multicast / <i>Gábor Hosszú</i>	302
MENOS Organization, The / <i>A. Hassan, K. Henttonen, and K. Blomqvist</i>	308
Mobile Internet and Handheld Devices for Virtual Communities / <i>Wen-Chen Hu, Hung-Jen Yang, and Jyh-haw Yeh</i>	314
Modelling Stages of Behaviour in Social Virtual Communities / <i>Lynne D. Roberts, Leigh M. Smith, and Clare M. Pollock</i>	321
MOOs as Virtual Communities / <i>Shannon Roper and Sharmila Pixy Ferris</i>	329
Motivation in Online Communities / <i>Patrick Waterson</i>	334
Online Consumer Behavior / <i>Ronald E. Goldsmith</i>	338
Online Deception Types / <i>Neil C. Rowe</i>	343
Online Empathy / <i>Niki Lambropoulos</i>	346
Online Gaming / <i>Mark Griffiths, Mark N. O. Davies, and Darren Chappell</i>	349
Online Group Facilitation Skills / <i>Nancy White</i>	354
Online Social Networking for New Research Opportunities / <i>Lionel Mew</i>	359
Open Source Software Communities / <i>Kevin Carillo and Chitu Okoli</i>	363
Open-Source Software Issues / <i>Sofiane Sahraoui</i>	368

Peer-to-Peer Technology for File Sharing / <i>S. H. Kwok, Y. M. Cheung and K. Y. Chan</i>	372
Peer-to-Peer Wireless Network Confederation / <i>Elias C. Efstathiou and George C. Polyzos</i>	378
Peer-to-Peer-Based Collaboration for Virtual Communities / <i>Odej Kao and UlfRerrer</i>	382
Predicting Activity Levels in Virtual Communities / <i>Ori B. Kushnir</i>	387
Psychological Sense of Community in Virtual Communities / <i>Lynne D. Roberts, Leigh M. Smith, and Clare M. Pollock</i>	390
Racial Issues in the Virtual Classroom / <i>Alfred P. Rovai and Louis B. Gallien, Jr.</i>	397
Representing Virtual Communities for Advanced Services / <i>Miguel-Angel Sicilia and Elena García-Barriocanal</i>	402
Reusable Learning Resources for Virtual Learning Environments / <i>Miguel-Angel Sicilia and Salvador Sánchez-Alonso</i>	405
Sanctioning Mechanisms in Virtual Communities / <i>Elisa Bertino, Anna Cinzia Squicciarini, and Elena Ferrari</i>	409
Sociability and Usability for Active Participation / <i>Niki Lambropoulos</i>	414
Social Impact of Virtual Networking / <i>Hakikur Rahman</i>	417
Success of Virtual Environments / <i>Benay P. Dara-Abrams</i>	424
Supporting a Virtual Community for the Elderly / <i>Luis M. Camarinha-Matos and Filipa Ferrada</i>	428
Technology-Based Models / <i>Linda A. Brown</i>	434
Telework and the Academic Librarian / <i>Jo Ann Calzonetti and Aimée deChambeau</i>	439
Trust Between Managers and Subordinates in Virtual Communities / <i>Karen South Moustafa</i>	443
Trust in B2B E-Commerce Virtual Communities / <i>Eric Turner</i>	445
Trust in Virtual Communities / <i>Eun G. Park</i>	449
Trust in Virtual Organizations / <i>István Mezgár</i>	452
Understanding Knowledge Bases and Building Membership in Virtual Communities / <i>Susan A. Baim</i>	457
Understanding Virtual Communities in Online Games / <i>Kyonghwan Park and Josh Lepawsky</i>	462
User Acceptance of Virtual Technologies / <i>Heshan Sun and Xue Xiao</i>	468
User Trust in the BBS Communities / <i>Hung Chim</i>	474
Virtual Campus of Nanyang Technological University / <i>Alexei Sourin</i>	478
Virtual Collaborative Design / <i>Aybüke Aurum and Oya Demirbilek</i>	482

Virtual Communities and Local Youth E-Democracy / <i>Kosonen Miia, Cavén-Pöysä Outi, and Kirsimarja Blomqvist</i>	487
Virtual Communities and Social Capital Theory / <i>Catherine M. Ridings</i>	493
Virtual Communities and the Alignment of Web Ontologies / <i>Krzysztof Juszczyszyn</i>	497
Virtual Communities for Development / <i>Deidra Fryer and Eric Turner</i>	500
Virtual Communities' Impact on Politics / <i>Vasanthi Srinivasan</i>	506
Virtual Communities in an MBA / <i>Françoise Dushinka Brailovsky Signoret</i>	511
Virtual Communities in Banking Customer Retention / <i>Dimitris Kardaras and Bill Karakostas</i>	515
Virtual Communities Wish List / <i>James Isaak</i>	520
Virtual Community as New Marketing Channel / <i>Chingning Wang, Kangning Wei, and Michelle L. Kaarst-Brown</i>	524
Virtual Community Models in Relation to E-Business Models / <i>Lee Moh Shan, Juliana Sutanto, Atreyi Kankanhalli, and Bernard C.Y. Tan</i>	527
Virtual Community Sustainability / <i>Ta-Tao Chuang</i>	533
Virtual Marketplace for Agent-Based Electronic Commerce / <i>Sheng-Uei Guan</i>	539
Virtual Organizing Online Communities in Support of Knowledge Synthesis / <i>Kam Hou Vat</i>	547
Virtual Places / <i>Erik M. Champion</i>	556
Virtual Reality Technology in Computer-Aided Production Engineering / <i>Vladimír Modrák and Jozef Novák Marcin čin</i>	562
Virtual Reality User Acceptance / <i>Françoise Dushinka Brailovsky Signoret</i>	566
Virtual Teams Classification / <i>Kangning Wei and Chingning Wang</i>	570
Virtually Finding Community in the Third Space / <i>Samantha Bax</i>	574
Web Services and Virtual Communities / <i>Qingyu Zhang</i>	578
Web-Based Knowledge Management Model / <i>Pei-Di Shen and Chia-Wen Tsai</i>	584