Contents

Part I  Cyberspace and International Relations: Theory

Power Technology and Powerful Technologies:
Global Governmentality and Security in the Cyberspace. .............. 3
Roxana Radu

Cyber War and Strategic Thought:
Do the Classic Theorists Still Matter? .............................. 21
Craig B. Greathouse

SAM: A Framework to Understand Emerging
Challenges to States in an Interconnected World .................... 41
Jan-Frederik Kremer and Benedikt Müller

In Search of Cyber Stability: International Relations,
Mutually Assured Destruction and the Age of Cyber Warfare. ........ 59
Hanna Samir Kassab

Offense–Defense Balance in Cyber Warfare ........................ 77
Salma Shaheen

The Utility of Timeless Thoughts:
Hannah Arendt’s Conceptions of Power
and Violence in the Age of Cyberization ............................. 95
Katharina C. Below

Part II  Cyberspace and International Relations:
Prospects and Challenges

Clarifying the International Debate on Stuxnet:
Arguments for Stuxnet as an Act of War ............................ 117
Sascha Knoepfel
A New Way of Conducting War: Cyberwar, Is That Real? ............ 125
Hakan Mehmetcik

Peacekeeping 4.0: Harnessing the Potential
of Big Data, Social Media, and Cyber Technologies .................. 141
John Karlsrud

US Leadership in Cyberspace:
Transnational Cyber Security and Global Governance ............... 161
Ryan David Kiggins

Hierarchies in Networks: Emerging Hybrids
of Networks and Hierarchies for Producing Internet Security ........ 181
Andreas Schmidt

How the 2010 Attack on Google Changed
the US Government’s Threat Perception
of Economic Cyber Espionage ........................................... 203
Oliver Read

Cooperative International Approaches to Network Security:
Understanding and Assessing OECD and ITU
Efforts to Promote Shared Cybersecurity .............................. 231
Stephen D. McDowell, Zoheb Nensey and Philip E. Steinberg

Phreak the Speak: The Flawed Communications
within Cyber Intelligentsia ................................................. 253
Matthew Crosston

Reflections on Virtual to Real: Modern Technique,
International Security Studies and Cyber Security Environment ...... 269
Suarez Marcial A. Garcia and Acácio Igor D. Palhares

Index ................................................................. 281
Cyberspace and International Relations
Theory, Prospects and Challenges
Kremer, J.-F.; Müller, B. (Eds.)
2014, XXIV, 284 p. 2 illus., Hardcover
ISBN: 978-3-642-37480-7