Contents

Introduction	vii
Prologue	хi
Part I Cyberspace	
On How the Cyberspace Arose to Fulfili Theoretical Physicists' Needs and Eventually Changed the World: Personal Recallings and a Practitioner's Perspective Emilio Elizalde	3
Narrative Mapping of Cyberspace. Context and Consequences	23
A Conceptual and Legal Approach to the Cyberspace: The Dilemma Security Versus Freedom	41
The Digital Revolution in Developing Countries: Brief Analysis of the Dominican Republic	49
Business Strategy in the Digital Age. Digital Transformation, Disruption and Cybersecurity	75
Impact of Cyberspace on Individual Safety and Group Security—A Human Developmental Psychology Approach	95

vi Contents

Part II Cybersecurity	
Cyberspace: A Platform for Organized Crime	121
Some Criminal Aspects of Cybersecurity	141
The Situation and Evolution of the Managed Services of Cybersecurity, Towards 3.0 and Beyond	153
Collaboration of Private Investigation with Public Institutions Within the Spanish Cybersecurity Strategy. How Private Investigation Gathers Proof on Cyber Delinquency	165
Psychosociological Characteristics of Cybercrime Juan Carlos Fernández-Rodríguez and Fernando Miralles-Muñoz	181
Use of Cyberspace for Terrorist Purposes	197
Mythology of Cyber-Crime—Insecurity & Governance in Cyberspace: Some Critical Perspectives	211
Part III Cyberwarfare	
The Tallinn Manual and Jus ad bellum: Some Critical Notes Sonia Boulos	231
War-Like Activities in the Cyberspace: Applicability of the Law of Armed Conflicts	243
Negotiation on Cyber Warfare	257
Security of Cyber-Space in Nuclear Facilities	265
Can Cyber Attacks Prevent Wars?	275
Epilogue	281