Contents

List of contributors		viii
Preface		xiv
Table of cases		XV
Table of	f legislation	XXI
	ction to the Research Handbook on International Law and Cyberspace N. Schmitt	1
PART I	CYBERSPACE AND GENERAL PRINCIPLES OF INTERNATIONAL LAW	
1	The legal status of cyberspace: sovereignty redux? Nicholas Tsagourias	9
2	The rise of cyber norms Marja Lehto	32
3	Mapping power in cyberspace Outi Korhonen and Ekaterina Markovich	46
4	Jurisdiction in network society Uta Kohl	69
5	The international law of cyber intervention <i>Ido Kilovaty</i>	97
6	State responsibility in cyberspace Constantine Antonopoulos	113
7	Cyberspace and human rights David P. Fidler	130
8	International criminal responsibility in cyberspace Kai Ambos	152
9	International investment law and arbitration in cyberspace Eric De Brahandere	182
PART	II CYBER THREATS AND INTERNATIONAL LAW	
10	Cyber terrorism and use of the internet for terrorist purposes Ben Saul and Kathleen Heath	205



vi Research handbook on international law and cyberspace

11	Cyber espionage and international law Russell Buchan and Iñaki Navarrete	231
12	International legal dimensions of cybercrime Philipp Kastner and Frédéric Mégret	253
PART	III CYBER ATTACKS AND THE JUS AD BELLUM	
13	The notion of cyber operations Paul A. L. Ducheine and Peter B. M. J. Pijpers	272
14	Cyber operations as a use of force Marco Roscini	297
15	Self-defence in cyberspace Carlo Focarelli	317
16	Cyber-peacekeeping and international law Nicholas Tsagourias and Giacomo Biggio	345
17	Some thoughts on cyber deterrence and public international law <i>Eric Myjer</i>	366
PART	IV CYBER WAR AND THE JUS IN BELLO	
18	Distinctive ethical challenges of cyberweapons Neil C Rowe	388
19	Classifying cyber warfare Louise Arimatsu	406
20	Is the principle of distinction still relevant in cyberwarfare? From doctrinal discourse to States' practice Karine Bannelier	427
21	International humanitarian law applied to cyber-warfare: precautions, proportionality and the notion of 'attack' under the humanitarian law of armed conflict Terry D. Gill	457
22	Cyber war and the law of neutrality David Turns	471
PART	V REGIONAL AND INTERNATIONAL APPROACHES TO CYBER SECURITY AND CYBER GOVERNANCE	
23	European law and cyberspace Ramses A. Wessel	491



	Cor	itents	vii
24	NATO and the international law of cyber defence Steven Hill		509
25	Russian approaches to international law and cyberspace Sergey Sayapin		525
26	Chinese approaches to cyberspace governance and international law in cyberspace Zhixiong Huang and Yaohui Ying		547
27	Cyber security in the Asia-Pacific Hitoshi Nasu		564
28	The United Nations and the regulation of cyber-security Christian Henderson		582
Index			615