Contents

	able of Cases able of Legislation and Other Documents	xix
	ist of Abbreviations	xxvi
1.	Identifying the Problem and the Applicable Law]
	I. The Emergence of the Cyber Threat to International Security II. The Taxonomy of Military Cyber Operations:	1
	Definitions and Classification	10
	III. The Applicable Law: Inter (Cyber) Arma Enim Silent Leges?	19
	IV. Identification and Attribution Problems	33
	V. The Book's Scope and Purpose	40
2.	Cyber Operations and the jus ad bellum	43
	I. Introduction	43
	II. Cyber Operations and the Prohibition of the Threat and	
	Use of Force in International Relations	44
	III. Cyber Operations and the Law of Self-Defence	69
	IV. Remedies Against Cyber Operations Short of Armed AttackV. Chapter VII of the United Nations Charter and the Role of	104
	the Security Council	110
	VI. Conclusions	115
3.	The Applicability of the jus in bello to Cyber Operations	117
	I. Introduction	117
	II. Cyber Operations in and as International Armed Conflicts	119
	III. Cyber Operations During Partial or Total Belligerent Occupati	on 141
	IV. Cyber Operations in and as Non-International Armed Conflict	ts 148
	V. Cyber Operations as 'Internal Disturbances and Tensions'	159
	VI. Conclusions	161
4.	Cyber Operations and the Conduct of Hostilities	164
	I. Introduction	164
	II. The Legality of Means and Methods of Cyber Warfare	168
	III. The Law of Targeting	176
	IV. Cyber Operations Short of 'Attack'	239
	V. Cyber Operations as Remedies Against Violations of the	
	Law of Armed Conflict	242
	VI. Conclusions	245

xiv

5. (Cyber Operations and the Law of Neutrality	246	
I	. Introduction	246	
I	I. When Does the Law of Neutrality Apply?	248	
I	II. The Law of Neutrality and its Consequences on the Conduct		
	of Cyber Operations	253	
I	V. Non-Belligerency	267	
1	7. The Law of Neutrality and the UN Charter	269	
1	I. Remedies Against the Violations of the Law of Neutrality	272	
1	II. Conclusions	277	
General Conclusions		280	
Selec	t Bibliography	289	
	Index		