
Contents

Introduction	ix
Chapter 1. Approaching Military Revolutions	1
1.1. Lexical varieties	3
1.1.1. MTR versus RMA	4
1.1.2. Military revolutions versus RMAs	6
1.1.3. Reassessing the notion of military revolution	9
1.1.4. An incomplete RMA? From revolution to transformation	11
1.2. Types of RMA	13
1.2.1. An example of techno-centric classification	13
1.2.2. Unlikely revolutions	15
1.2.3. Cohen and the “revolutionary types”	16
1.2.4. RMA schools at the turn of the millennium	19
Chapter 2. The Epistemology of RMA	23
2.1. <i>Longue durée, conjoncture</i> and event history ... outdated?	24
2.2. RMA as a result of a long-term evolution?	25
2.2.1. From evolutionary to revolutionary <i>longue durée</i>	26
2.2.2. The eternal moment of changing epochs: RMA and postmodernity	28
2.2.3. An overused post-modernity, an assumed post-industrialism	32
2.2.4. The building of a revolution	35

2.3. Confronting the distinctive aspects of military revolutions	39
2.3.1. An anhistorical RMA?	39
2.3.2. Breaks and discontinuities	43
Chapter 3. A Paradigm Shift	49
3.1. A strategic consensus around the “paradigm shift”	49
3.1.1. Paradigm pluralities	50
3.1.2. The place of politics: scientific-rational and historical paradigms	52
3.1.3. The question of levels of engagement	54
3.1.4. A rethinking of strategy as an art	58
3.2. Strategy of means and RMA	63
3.2.1. A hidden revolution? RMA and genetic strategy	64
3.2.2. A failed revolution? RMA and industrial strategy	68
Chapter 4. Understanding (1): Piercing the Fog of War in Fluid Spaces	75
4.1. Strategy of fluid spaces	77
4.1.1. The fluid and the solid	78
4.1.2. SAGE, the first network-centric system	79
4.2. Fluidifying global spaces?	85
4.2.1. Figures of the fluidification of aerospatial spaces	87
4.2.2. Fluidification by reticulation	89
4.2.3. Operating in mixed spaces: generating political effect	92
Chapter 5. Understanding (2): Fluidifying the Solid?	99
5.1. The electronic battlefield	101
5.1.1. The Vietnam War	102
5.1.2. The European model of the RMA	104
5.2. The fragmentation of intelligence	110
5.2.1. Fragmenting and network-centering	110
5.2.2. The network-centric man	114
5.2.3. Uncertainty and new armies of the old regime	123

Chapter 6. Waging War in Network-centric Conditions	127
6.1. The kinematics of operations	127
6.1.1. On the conquest of time: chronostrategy	128
6.1.2. War and movement, war and command	134
6.1.3. Controlling and dominating	138
6.2. Waging war in networks	142
6.2.1. The paradox of the enemy: the (non-) responses to asymmetry and hybrid warfare	142
6.2.2. Future wars and wars in networks	145
6.2.3. Principles of war in the age of networks	148
Chapter 7. Striking in Network-centric Conditions	155
7.1. A paradoxical precision	156
7.1.1. Certainty of striking	157
7.1.2. Certain to succeed?	161
7.1.3. Wars lost by precision?	164
7.2. The retaliation against the Transformation: techno-guerillas and hybrid war	167
7.2.1. The state incubator	168
7.2.2. The true RMA and the future of war?	172
7.2.3. Adaptation by networks?	177
Conclusion	183
Glossary	187
Bibliography	191
Index	217