

1. Record Nr.	UNINA9910450151503321
Autore	Ilachinski Andrew
Titolo	Artificial war [[electronic resource]] : multi-based simulation of combat // Andrew Ilachinski
Pubbl/distr/stampa	River Edge, NJ, : World Scientific Pub., 2004
ISBN	1-281-87238-5 9786611872380 981-256-240-0
Descrizione fisica	1 online resource (782 p.)
Disciplina	355.4/01/1
Soggetti	War - Mathematical models War - Computer simulation Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Artificial War: Multiagent-Based Simulation of Combat; Foreword; Preface; Acknowledgments; Contents; Chapter 1 Introduction; Chapter 2 Nonlinear Dynamics, Deterministic Chaos and Complex Adaptive Systems: A Primer; Chapter 3 Nonlinearity, Complexity, and Warfare: Eight Tiers of Applicability; Chapter 4 EINSTEIn: Mathematical Overview; Chapter 5 EINSTEIn: Methodology; Chapter 6: Sample EINSTEIn:Sample Behavior; Chapter 7 Breeding Agents; Chapter 8 Concluding Remarks & Speculations; Appendix A Additional Resources; Appendix B EINSTEIn Homepage; Appendix C EINSTEIn Development Tools Appendix D Installing EINSTEInAppendix E A Concise User's Guide to EINSTEIn; Appendix F Differences Between EINSTEIn Versions 1.0 (and older) and 1.1 (and newer); Appendix G EINSTEIn's Data Files; Bibliography; Index
Sommario/riassunto	Military conflicts, particularly land combat, possess the characteristics of complex adaptive systems: combat forces are composed of a large number of nonlinearly interacting parts and are organized in a dynamic command-and-control network; local action, which often appears disordered, self-organizes into long-range order; military conflicts, by their nature, proceed far from equilibrium; military forces adapt to a

changing combat environment; and there is no master "voice" that dictates the actions of every soldier (i.
