

1. Record Nr.	UNINA9911019940703321
Autore	Cayirci E (Erdal)
Titolo	Computer assisted exercises & training : a reference guide // Erdal Cayirci, Dusan Marincic
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2009
ISBN	9786612368851 9781282368859 1282368850 9780470498620 0470498625 9780470498613 0470498617
Descrizione fisica	1 online resource (313 p.)
Altri autori (Persone)	MarincicDusan
Disciplina	355.5078/5 355.50785
Soggetti	Military education Drill and minor tactics - Computer-assisted instruction Military maneuvers - Computer-assisted instruction Drill and minor tactics - Computer simulation Military maneuvers - Computer simulation War video games
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Published simultaneously in Canada."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. I. Fundamentals and theory. Introduction -- Conflict and warfare -- Statistics and probability -- Simulation -- Distributed simulation -- Experimentation and analysis -- pt. II. Combat modeling, computer-assisted exercises, and practice. Computer-assisted exercise (CAX) architectures -- CAX PROCESS -- Combat modeling -- Computer-assisted exercise support tools -- Communications/information system issues, technical risks, and risk mitigation -- Exercise centers and facilities.
Sommario/riassunto	A comprehensive guide to computer assisted exercises Readers can turn to this indispensable reference guide for comprehensive and lucid

coverage of the operational, technical, and organizational knowledge needed to harness successful and constructive computer assisted exercises (CAX) and war games. It is geared also toward large civilian organizations that are looking to teach and test their strategies and procedures without the added cost of manpower. Divided into two clear parts, the book covers: . Fundamentals and Theory - conflict and warfare; probability and statistics; simulation; distributed simulation; and experimentation and analysis . Combat Modeling, Computer Assisted Exercises, and Practice - CAX architectures; CAX process; combat modeling; CAX support tools; communications/information system issues, technical risks, and risk mitigation; and exercise centers and facilities Computer Assisted Exercises and Training: A Reference Guide is indispensable reading for research engineers, computer scientists, software engineers working with modeling and simulation, homeland security specialists, staff in simulation training centers, military strategists and commanders, and many others. It also serves as a valuable textbook for modeling and simulation courses at the upper-undergraduate and graduate levels.
