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| Descrizione fisica | 1 online resource (433 p.) |
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| Soggetti | Electronics in military engineering Information warfare |
| Lingua di pubblicazione | Inglese |
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| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | Information Warfare and Electronic Warfare Systems; Contents; Preface; Chapter 1 Introduction to Information Warfare and Electronic Warfare Systems; 1.1 Introduction; 1.2 Global Information Grid; 1.3 Networks; 1.3.1 Operational and Strategic; 1.3.2 Tactical; 1.4 Information and Information Theory; 1.4.1 Network-Centric Operations Background and Characteristics; 1.5 Electronic Warfare and NCO; 1.5.1 EW and Networking; 1.6 EW Systems; 1.6.1 ES Systems; 1.6.2 EA Systems; 1.7 Concluding Remarks; References; Chapter 2 Information and Information Operations; 2.1 Introduction; 2.2 Information. 2.2.1 The Importance of Information to Warfare 2.2.2 Information Sources; 2.2.3 Information Attributes; 2.2.4 EW and Its Effects on Information; 2.3 OODA Loop and Cognitive Hierarchy; 2.3.1 The OODA Loop Model; 2.3.2 Cognitive Hierarchy Model; 2.4 Information Operations; 2.4.1 Information Warfare/Information Operations; 2.4.2 Three Domains o. |
| Sommario/riassunto | Information warfare is emerging as the new war fighting paradigm of the U.S. and many of its allies. This book is the first in the field to address communication electronic warfare (EW) systems in the context of information warfare. Authored by a recognized leading authority, the book includes a unique formulation of EW system performance and presents results of system simulations that have not appeared |

previously in any related literature. Essential reading for EW engineers and researchers working in defense, aerospace, and military capacities, the book explores the properties of information,
