Record Nr. UNINA9910455173303321 Autore Adamy David Titolo EW 103: tactical battlefield communications electronic warfare // David L. Adamy Pubbl/distr/stampa Boston:,: Artech House,, ©2009 [Piscatagay, New Jersey]:,: IEEE Xplore,, [2008] **ISBN** 1-5231-1716-8 1-59693-388-7 Descrizione fisica 1 online resource (348 p.) Collana Artech House radar series Disciplina 623.043 623.73 Soggetti Communications, Military Electronics in military engineering 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 1. Introduction -- 2. Communication signals -- 3. Communication antennas -- 4. Communications receivers -- 5. Communications propagation -- 6. Search for communication emitters -- 7. Location of communications emitters -- 8. Intercept of communications signals --9. Communications jamming. Sommario/riassunto "This third book in the bestselling Artech House EW 100 series is dedicated entirely to the practical aspects of electronic warfare against enemy communication. Like its predecessors, EW 103 presents a series of highly informative and easy-to-comprehend tutorials, along with insightful introductory and connective material that helps you understand how each aspect fits together. From communications math (mainly simple dB formulas), receiving systems, and signals to communications emitter location, Intercept, and Jamming, this comprehensive volume covers all the key topics in the field." "Moreover, this hands-on reference includes a CD-ROM with critical formulas that save professionals countless hours working on their projects. This book

also comes packaged with a unique antenna and propagation slide rule for quick communication link calculations. Unlike common slide rules,

this tool incorporates newly designed scales not found on any others. To ensure a complete understanding of the tutorials, this authoritative book features a complete set of problems with solutions."--Jacket.