Record Nr. UNINA9910778748103321 Statistics, testing, and defense acquisition: new approaches and **Titolo** methodological improvements / / editors, Michael L. Cohen, John E. Rolph, Duane L. Steffey Washington, D.C., : National Academy Press, 1998 Pubbl/distr/stampa **ISBN** 0-309-17419-8 0-309-51964-0 0-585-00227-4 Descrizione fisica 1 online resource (240 p.) Altri autori (Persone) CohenMichael L RolphJohn E SteffeyDuane L Disciplina 358.4/1807/0973 Soggetti United States Armed Forces Weapons systems Testing Statistical methods 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 (p. 215-220). Nota di contenuto ""Executive Summary""; ""1 Introduction""; ""2 Operational Testing and System Acquisition""; ""3 A New Paradigm for Testing and Evaluation in Defense Acquisition""; ""4 Upgrading Statistical Methods for Testing and Evaluation"": ""5 Improving Operational Test Planning and Design"": ""6 Analyzing and Reporting Test Results""; ""7 Assessing Operational Suitability""; ""8 Testing Software-Intensive Systems""; ""9 Using Modeling and Simulation in Test Design and Evaluation"" ""10 Increasing Access to Statistical Expertise for Operational Testing"""APPENDIX A Case Studies and System Descriptions"; ""APPENDIX B Abstracts of Background Papers""; ""APPENDIX C A Potential Taxonomy for Operational Tests"": ""APPENDIX D Elements ISO 9000""; ""APPENDIX E Glossary and Acronyms""; ""References""; ""Biographical Sketches of Panel Members and Staff"" Sommario/riassunto In the milestone process used by US Department of Defense to answer the basic acquisition question, one component near the end of the

process is operational testing. This book examines the milestone

process, as well as the DOD's entire approach to testing and evaluating defense systems.