Record Nr. UNINA9910960484703321 **Titolo** Statistics, testing, and defense acquisition: new approaches and methodological improvements // Michael L. Cohen, John E. Rolph, and Duane L. Steffey, editors; Panel on Statistical Methods for Testing and Evaluating Defense Systems, Committee on National Statistics, Commission on Behavioral and Social Sciences and Education, National Research Council Pubbl/distr/stampa Washington, D.C., : National Academy Press, 1998 **ISBN** 9780309174190 0309174198 9780309519649 0309519640 9780585002279 0585002274 Edizione [1st ed.] 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 Description based upon print version of record. Note generali Includes bibliographical references (p. 215-220). Nota di bibliografia ""Front Matter""; ""Acknowledgments""; ""Contents""; ""Preface""; 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

Sommario/riassunto

Potential Taxonomy for Operational Tests""; ""APPENDIX D Elements ISO 9000""; ""APPENDIX E Glossary and Acronyms""; ""References""; ""Biographical Sketches of Panel Members and Staff""

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.