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Principles of Educational and Psychological Testing Jun 29 2020

Testing and Evaluation of Agricultural Machinery and Equipment Sep 13 2021 This bulletin provides principles, practices and procedures for testing machines and also determines aspects of a machine's performance that can be evaluated. It is directed towards those involved in the evaluation of machinery, and primarily towards users on small farms. Evaluation of farm equipment may be appropriate at any stage in its development, from first prototype to batch and series production.

Principles of Biochemical Tests in Diagnostic Microbiology Sep 01 2020 Acetate utilization. Arginine dihydrolase. Bile Solubility. Catalase. Citrate utilization. Coagulase. Deaminase tests. Decarboxylase tests. Deoxyribonuclease (DNase) test. Esculin hydrolysis. Gelatin liquefaction. Iuconate oxidation. Hippurate hydrolysis. Hydrogen sulfide. (H₂S) production. Indole test. Lecithinase. Malonate utilization. Methyl red (MR) test. Nitrate reduction. ONPG test. Optochin inhibition. Oxidase test. Phosphatase. Starch hydrolysis. Urease test. Voges-proskauer (VP) test. Test procedures.

Ellestad's Stress Testing Jul 23 2022 The sixth edition of Ellestad's classic text on cardiac stress testing has been extensively updated and re-written to communicate contemporary understanding of the classical principles of stress testing to clinicians and researchers, students and seasoned practitioners alike. The current techniques for performing stress tests presented herein reflect major technologic advances in imaging, physiologic monitoring and the assessment of cardiovascular risk, addressing fundamental paradigm shifts in interventional, surgical and medical treatment of heart disease. Moreover, the text addresses the dramatic changes that are occurring in patient demographics and the environmental, socioeconomic, gender and genomic factors that crucially impact heart disease and warrant attention when performing cardiac stress testing. Chapters on the physiology of exercise testing including practical details regarding protocols for conducting the stress test, proper supervision, important parameters to be monitored, and the diagnostic and prognostic information to be gleaned from the electrocardiogram set the stage for expanded chapters on the use of cardiac imaging in conjunction with stress testing. Physiologic and metabolic considerations during stress testing are covered in detail. Application of stress testing to special populations, such as women, children, athletes, and individuals in both high and low risk groups are covered in new chapters. Finally, the authors address the use of stress testing in limited resource environments and discuss global changes in the incidence of atherosclerosis, and suggest how stress testing may evolve.

Principles and Methods of Test Construction Oct 14 2021 This latest volume in the series Psychological Assessment - Science and Practice describes the current state-of-the-art in test development and construction. The past 10-20 years have seen substantial advances in the methods used to develop and administer tests. In this volume many of the world's leading authorities collate these advances and provide information about current practices, thus equipping researchers and students to successfully construct new tests using the best modern standards and techniques. The first section explains the benefits of considering the underlying theory when designing tests, such as factor analysis and item response theory. The second section looks at item format and test presentation. The third discusses model testing and selection, while the fourth goes into statistical methods that can find group-specific bias. The final section discusses topics of special relevance, such as multitrait-multimethod analyses and development of screening instruments.

Psychological Testing Dec 28 2022 This book focuses on the use of psychological tests to make important decisions about individuals in a variety of settings. It explores the theory, methods, and applications of psychological testing, and gives a full and fair evaluation of the advantages and drawbacks of psychological testing in general, and selected tests in particular. A four-part organization provides an introduction to psychological testing; covers the principles of psychological measurement, discusses the development of measures of ability, interests, and personality; and shows how tests are used to make decisions. For those who create and evaluate psychological testing and measurement.

Seed Testing Nov 22 2019 An essential reference for students, seed technologists, researchers, and seed industry personnel, this comprehensive guide outlines the most widely performed modern seed quality tests, explores the principles behind them, the history of seed testing, why seeds are tested and when, and sampling, sub-sampling, seed laboratory management, accreditation, and seed quality assurance programs. The authors describe statistical applications to seed testing and tolerances, and they provide a detailed morphological and structural description of seed formation and development. The book examines the testing of genetic traits and transgenic seeds, including DNA and protein genetic purity tests, and cultivar purity identification for conventional seeds. In addition to the most common seed purity and viability tests, tests for seed and seedling vigor, seed-borne diseases and seed moisture determination are also discussed.

Sensory Evaluation of Food: Principles and Practices Oct 02 2020 The book is designed as a text for undergraduate and graduate courses in sensory evaluation and as a reference for industrial practitioners. It covers all the basic techniques of sensory testing, from simple discrimination tests to home use placements for consumers. It provides a practical guide to how tests are conducted and, for the reader who wishes a deeper understanding, provides the fundamental psychological and statistical theories that form the basis and rationale for sensory test design. Statistics used in sensory evaluation are demonstrated as integrated applications in the context of appropriate sensory methods and are also presented as a stand-alone material in appendixes. Statistical applications are tailored to common and relevance are obvious, and space is not wasted on designs or analyses that are not suitable for data collection from human observers. The text presents divergent philosophies in a balanced manner. Chapters are constructed so that beginning students who want only practical aspects of conducting sensory tests will find clear instructions on how tests should be conducted. Advanced students and practitioners will profit from the detailed section on rationale and sensory evaluation issues. "It covers the entire spectrum of sensory analysis. I have read many books on this intriguing subject, but this is the Rolls-Royce." a?? Aubrey Parsons, governing council member, International Union for Food Science and Technology

Macrofinancial Stress Testing - Principles and Practices Aug 12 2021 The recent financial crisis drew unprecedented attention to the stress testing of financial institutions. On one hand, stress tests were criticized for having missed many of the vulnerabilities that led to the crisis. On the other, after the onset of the crisis, they were given a new role as crisis management tools to guide bank recapitalization and help restore confidence. This spurred an intense debate on the models, underlying assumptions, and uses of stress tests. Current stress testing practices, however, are not based on a systematic and comprehensive set of principles but have emerged from trial-and-error and often reflect constraints in human, technical, and data capabilities.

Macrofinancial Stress Testing - Principles and Practices—Background Material Jul 11 2021 Staff conducted a survey of stress testing practices among selected national central banks and supervisory authorities. The online survey was undertaken in November 2011 as part of the preparatory work for the paper on ?Macrofinancial Stress Testing: Principles and Practices. The survey focused on stress testing for banks, which is more widespread and better established—and practices are therefore easier to compare across countries—but also included questions on stress testing for nonbank financial institutions.

Pulmonary Function Testing Mar 07 2021 This book serves as a unique, comprehensive resource for physicians and scientists training in pulmonary medicine and learning about pulmonary function testing. Pulmonary function testing and the physiological principles that underlie it are often poorly understood by medical students, residents, fellows and graduate students training in the medical sciences. One reason is that students tend to get overwhelmed by the basic mathematical descriptions that explain the working of the respiratory system and the principles of pulmonary function testing. Another reason is that too many approaches focus on the math without explaining the clinical relevance of these principles and the laboratory testing that enables us to measure the very lung function that these principles are describing. This book answers that need by providing a series of chapters that guide the reader in a natural order of learning about the respiratory system. In particular, after a general overview of the structure-function design of the lung and the history of pulmonary function testing, authors begin with the drive to breathe, and then follow the pathway of air as it is drawn into the lung, undergoes gas exchange, and is then exhaled back out again. Each chapter focuses on the key principles and corresponding pulmonary function tests that explain each step in this pathway. Each chapter is written by at least two experts, one with expertise in the underlying physiology, and the other with expertise in the clinical testing and application of pulmonary function testing in practice. Many figures and tables highlight key points, and multiple case studies in each section provide specific examples of the clinical application of each pulmonary function test. This is an ideal guide to pulmonary function tests for practicing pulmonologists, residents, fellows, and medical students.

Mental Tests, Their History, Principles and Applications Jun 10 2021 In this book, the author has shown how the mental test idea was evolved out of the laboratory study of individual differences by psychologists, how the individual and then the group intelligence tests were developed, the application of statistical methods to the interpretation of the results, the creation of the different types of scales, the extension of the mental test idea in new directions, the technique and theory of the tests, the uses of the different types of mental tests, and their reliability, and has closed his treatment with two chapters on the interpretation of what the tests really measure and the nature of intelligence itself. The work of hundreds of individual investigators has been organized into a systematic treatise, and the place and work of each have been given their proper setting as parts of a great movement. The volume is accordingly offered to teachers of college and university classes in Mental Tests with confidence that it will prove as useful in this field as the texts now in use have done in the field of educational tests. (PsycINFO Database Record (c) 2005 APA, all rights reserved).

Psychology Feb 24 2020

Psychological Testing May 21 2022 "Describes and critiques the latest versions of the most widely used tests, examines the subtleties of the testing process, and explores the value-laden issues surrounding the wisdom of testing." - abstract.

Principles and Practice of Software Testing Oct 22 2019 Software Testing has gained a phenomenal importance in the recent years in the System Development Life Cycle. Many learned people have worked on the topic and provided various techniques and methodologies for effective and efficient testing. Today, even though we have many books and articles on Software Test Engineering, many people are fallacious in understanding the underlying concepts of the subject. Software Testing Book (STGB) is an open source project aimed at bringing the technicalities of Software Testing into one place and arriving at a common understanding. This book has been authored by professionals who have been exposed to Testing various applications. We wanted to bring out a base knowledge bank where Testing enthusiasts can start to learn the science and art of Software Testing, and this is how this book has come out. This book does not provide any specific methodologies to be followed for Testing, instead provides a conceptual understanding of the same.

Principles of Testing Electronic Systems Feb 18 2022 A pragmatic approach to testing electronic systems As we move ahead in the electronic age, rapid changes in technology pose an ever-increasing number of challenges in testing electronic products. Many practicing engineers are involved in this arena, but few have a chance to study the field in a systematic way-learning takes place on the job. By covering the fundamental disciplines in detail, Principles of Testing Electronic Systems provides design engineers with the much-needed knowledge base. Divided into five major parts, this highly useful reference relates design and tests to the development of reliable electronic products; shows the main vehicles for design verification; examines designs that facilitate testing; and investigates how testing is applied to random logic, memories, FPGAs, and microprocessors. Finally, the last part offers coverage of advanced test solutions for today's very deep submicron designs. The authors take a phenomenological approach to the subject matter while providing readers with plenty of opportunities to explore the foundation in detail. Special features include: * An explanation of where a test belongs in the design flow * Detailed discussion of scan-path and ordering of scan-chains * BIST solutions for embedded logic and memory blocks * Test methodologies for FPGAs * A chapter on testing system on a chip * Numerous references

Studyguide for Psychological Testing Jul 31 2020 Never HIGHLIGHT a Book Again! Includes all testable terms, concepts, persons, places, and events. Cram101 Just the FACTS101 studyguides gives all of the outlines, highlights, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanies: 9780205959259. This item is printed on demand.

Moderating Usability Tests Oct 26 2022 Moderating Usability Tests provides insight and guidance for usability testing. To a large extent, successful usability testing depends on the skills of the person facilitating the test. However, most usability specialists still learn how to conduct tests through an apprentice system with little formal training. This book is the resource for new and experienced moderators to learn about the rules and practices for interacting. Authors Dumas and Loring draw on their combined 40 years of usability testing experience to develop and present the most effective principles and practices - both practical and ethical - for moderating successful usability tests. The videos are available from the publisher's companion web site. Presents the ten "golden rules that maximize every session's value Offers targeted advice on how to maintain objectivity Discusses the ethical considerations that apply in all usability testing Explains how to reduce the stress that participants often feel Considers the special requirements of remote usability testing Demonstrates good and bad moderating techniques with laboratory videos accessible from the publisher's companion web site

Software Testing and Analysis Apr 20 2022 Teaches readers how to test and analyze software to achieve an acceptable level of quality at an acceptable cost Readers will be able to minimize software failures, increase quality, and effectively manage costs Covers techniques that are suitable for near-term application, with sufficient technical background to indicate how and when to apply them Provides balanced coverage of software testing & analysis approaches By incorporating modern topics and strategies, this book will be the standard software-testing textbook

The Cooperative Achievement Tests Sep 20 2019

Biochemical Tests Jan 17 2022 Contains 20 chapters describing practical protocols. It begins with the theory of Colorimetry and Spectrophotometry. Coverage also includes the techniques used in plant tissue culture, chromatography, electrophoresis, UV-VIS spectrophotometry, centrifugation, PCR and plant tissue culture.

The Art of Software Testing Nov 03 2020 The classic, landmark work on software testing The hardware and software of computing have changed markedly in the three decades since the first edition of The Art of Software Testing, but this book's powerful underlying analysis has stood the test of time. Whereas most books on software testing target particular development techniques, languages, or testing methods, The Art of Software Testing, Third Edition provides a brief but powerful and comprehensive presentation of time-proven software testing approaches. If your software development project is mission critical, this book is an investment that will pay for itself with the first bug you find. The new Third Edition explains how to apply the book's classic principles to today's hot topics including: Testing apps for iPhones, iPads, BlackBerrys, Androids, and other mobile devices Collaborative (user) programming and testing Testing for Internet applications, e-commerce, and agile programming environments Whether you're a student looking for a testing guide you'll use for the rest of your career, or an IT manager overseeing a software development team, The Art of Software Testing, Third Edition is an expensive book that will pay for itself many times over.

Software Testing Feb 06 2021 A groundbreaking, example driven, and practical oriented approach to software testing techniques and principles. This book offers a unique approach to learning software application

testing, appropriate for students in computer sciences and related fields, quality engineers and software developers. In this book, software test cases are formally defined, software testing techniques are presented, and crucial strategies, principles, and practices one can follow in real life scenarios are discussed. The author tries to present simple and clear concepts, and then systematically advance from basic concepts to testing techniques and principles with abundant examples in order to help the readers to understand the theories, techniques, and principles easily. The common techniques that are most useful in practice based on industry experiences are discussed in this book. The main techniques discussed extensively are equivalence partitions, combinatorial testing, decision table testing, and various structural testing techniques. Basic testing principles and regression testing are covered in part 3 of the book, with two case studies to apply some of the basic techniques and principles discussed in the book. Performance testing is also covered in great details with three real life case studies. The author also defined test cases and types of testing in a new original and fundamental way which are never published anywhere else. This book is targeted mainly to software quality engineers but should be valuable to software developers and other IT personals. The book is written in a textbook style, and there are also numerous exercise problems at the end of most chapters, especially the ones on testing techniques, and it's designed to be used as a reference or a textbook to students who are taking classes in software testing related subjects.

xUnit Test Patterns Nov 15 2021 Automated testing is a cornerstone of agile development. An effective testing strategy will deliver new functionality more aggressively, accelerate user feedback, and improve quality. However, for many developers, creating effective automated tests is a unique and unfamiliar challenge. xUnit Test Patterns is the definitive guide to writing automated tests using xUnit, the most popular unit testing framework in use today. Agile coach and test automation expert Gerard Meszaros describes 68 proven patterns for making tests easier to write, understand, and maintain. He then shows you how to make them more robust and repeatable--and far more cost-effective. Loaded with information, this book feels like three books in one. The first part is a detailed tutorial on test automation that covers everything from test strategy to in-depth test coding. The second part, a catalog of 18 frequently encountered "test smells," provides trouble-shooting guidelines to help you determine the root cause of problems and the most applicable patterns. The third part contains detailed descriptions of each pattern, including refactoring instructions illustrated by extensive code samples in multiple programming languages.

Quality Code Mar 19 2022 Explains the importance of the test-driven environment in assuring quality while developing software, introducing patterns, principles, and techniques for testing any software system.

Point-of-care testing Dec 16 2021 The underlying technology and the range of test parameters available are evolving rapidly. The primary advantage of POCT is the convenience of performing the test close to the patient and the speed at which test results can be obtained, compared to sending a sample to a laboratory and waiting for results to be returned. Thus, a series of clinical applications are possible that can shorten the time for clinical decision-making about additional testing or therapy, as delays are no longer caused by preparation of clinical samples, transport, and central laboratory analysis. Tests in a POC format can now be found for many medical disciplines including endocrinology/diabetes, cardiology, nephrology, critical care, fertility, hematology/coagulation, infectious disease and microbiology, and general health screening. Point-of-care testing (POCT) enables health care personnel to perform clinical laboratory testing near the patient. The idea of conventional and POCT laboratory services presiding within a hospital seems contradictory; yet, they are, in fact, complementary: together POCT and central laboratory are important for the optimal functioning of diagnostic processes. They complement each other, provided that a dedicated POCT coordination integrates the quality assurance of POCT into the overall quality management system of the central laboratory. The motivation of the third edition of the POCT book from Lippa/Junker, which is now also available in English, is to explore and describe clinically relevant analytical techniques, organizational concepts for application and future perspectives of POCT. From descriptions of the opportunities that POCT can provide to the limitations that clinician's must be cautioned about, this book provides an overview of the many aspects that challenge those who choose to implement POCT. Technologies, clinical applications, networking issues and quality regulations are described as well as a survey of future technologies that are on the future horizon. The editors have spent considerable efforts to update the book in general and to highlight the latest developments, e.g., novel POCT applications of nucleic acid testing for the rapid identification of infectious agents. Of particular note is also that a cross-country comparison of POCT quality rules is being described by a team of international experts in this field.

Outlines and Highlights for Software Testing Apr 27 2020 Never HIGHLIGHT a Book Again! Virtually all of the testable terms, concepts, persons, places, and events from the textbook are included. Cram101 Just the FACTS101 studyguides give all of the outlines, highlights, notes, and quizzes for your textbook with optional online comprehensive practice tests. Only Cram101 is Textbook Specific. Accompanys: 9788177582956 .

Principles of Semiconductor Network Testing Jan 25 2020 Principles of Semiconductor Network Testing gathers together comprehensive information which test and process professionals will find invaluable. The techniques outlined will help ensure that test methods and data collected reflect actual device performance, rather than 'testing the tester' or being lost in the noise floor. This book addresses the fundamental issues underlying the semiconductor test discipline. The test engineer must understand the basic principles of semiconductor fabrication and process and have an in-depth knowledge of circuit functions, instrumentation and noise sources. Introduces a novel component-testing philosophy for semiconductor test, product and design engineers Best new source of information for experienced semiconductor engineers as well as entry-level personnel Eight chapters about semiconductor testing

Psychological Testing Mar 27 2020 PSYCHOLOGICAL TESTING: PRINCIPLES, APPLICATIONS, AND ISSUES, SEVENTH EDITION discusses the fundamentals of psychological testing, in addition to examining test applications and present-day testing controversies.

Principles and Methods for Accelerated Catalyst Design and Testing Dec 24 2019 High throughput experimentation has met great success in drug design but it has, so far, been scarcely used in the field of catalysis. We present in this book the outcome of a NATO ASI meeting that was held in Vilamoura, Portugal, between July 15 and 28, 2001, with the objective of delineating and consolidating the principles and methods underpinning accelerated catalyst design, evaluation, and development. There is a need to make the underlying principles of this new methodology more widely understood and to make it available in a coherent and integrated format. The latter objective is particularly important to the young scientists who will constitute the new catalysis researchers generation. Indeed, this field which is at the frontier of fundamental science and may be a renaissance for catalysis, is one which is much more complex than classical catalysis itself. It implies a close collaboration between scientists from many disciplines (chemistry, physics, chemical and mechanical engineering, automation, robotics, and scientific computing in general). In addition, this emerging area of science is also of paramount industrial importance, as progress in this area would collapse the time necessary to discover new catalysts or improve existing ones.

Principles & Practice of Point-of-care Testing Apr 08 2021 This volume is the first comprehensive clinical practice reference in the rapidly growing field of point-of-care testing. Written by the experts and innovators in point-of-care testing technologies and procedures, the book provides practical guidance in planning and implementing the most reliable, clinically useful, and cost-effective point-of-care procedures and systems. The opening section discusses the goals of point-of-care testing and thoroughly explains the basic principles and methods. A major portion of the book examines applications in a variety of clinical settings, and includes case studies that demonstrate the benefits, limitations, and cost-effectiveness of point-of-care testing. Concluding sections focus on management, performance, information systems, and economic outcomes. A technical appendix is included. A Brandon-Hill recommended title.

Multiple Choice Tests in Principles of Business Sep 25 2022

VLSI Test Principles and Architectures May 09 2021 This book is a comprehensive guide to new DFT methods that will show the readers how to design a testable and quality product, drive down test cost, improve product quality and yield, and speed up time-to-market and time-to-volume. Most up-to-date coverage of design for testability. Coverage of industry practices commonly found in commercial DFT tools but not discussed

in other books. Numerous, practical examples in each chapter illustrating basic VLSI test principles and DFT architectures.

[JAIIB Exam 2022 | 15 Full-length Mock Tests \(Solved\) | Principles And Practices Of Banking + Accounting & Finance + Legal And Regulatory \(Paper 1, 2, 3\)](#) Dec 04 2020 • Best Selling Book for JAIIB Exam with objective-type questions as per the latest syllabus given by the IIBF (Indian Institute of Banking and Finance). • Compare your performance with other students using Smart Answer Sheets in EduGorilla's JAIIB Exam Practice Kit. • JAIIB Exam Preparation Kit comes with 15 Mock Tests [Principles And Practices Of Banking + Accounting & Finance + Legal And Regulatory (Paper 1, 2, 3)] with the best quality content. • Increase your chances of selection by 14X. • JAIIB Exam Prep Kit comes with well-structured and 100% detailed solutions for all the questions. • Clear exam with good grades using thoroughly Researched Content by experts. *Software Testing* Aug 24 2022 "Software Testing: Principles and Practices is a comprehensive treatise on software testing. It provides a pragmatic view of testing, addressing emerging areas like extreme testing and ad hoc testing"--Resource description page.

Psychological Testing + My Searchlab Valuepack Access Card May 29 2020 This book focuses on the use of psychological tests to make important "decisions" about individuals in a variety of settings. It explores the theory, methods, and applications of psychological testing, and gives a full and fair evaluation of the advantages and drawbacks of psychological testing in general, and selected tests in particular. A four-part organization provides an introduction to psychological testing; covers the principles of psychological measurement, discusses the development of measures of ability, interests, and personality; and shows how tests are used to make decisions. For those who create and evaluate psychological testing and measurement.

Praxis Principles of Learning and Teaching K-6 Study Guide Aug 20 2019 Updated for your 2021 certification, Cirrus Test Prep's unofficial Praxis Principles of Learning and Teaching K-6 Study Guide: Comprehensive Review with Practice Test Questions for the Praxis II PLT 5622 Exam was made for educators, by educators! Because we understand your life is busy, we created a study guide that isn't like other books out there. With Praxis Principles of Learning and Teaching K-6 Study Guide, you get a quick but full review of everything on your exam. FREE online resources are also included with your study guide! Imagine having FREE practice questions, online flash cards, study "cheat" sheets, and 35 test tips available anytime, anywhere on your cell phone or tablet. Cirrus Test Prep's resources will give you the push you need to pass your test the first time. ETS was not involved in the creation or production of this product, is not in any way affiliated with Cirrus Test Prep, and does not sponsor or endorse this product. Cirrus Test Prep's Praxis Principles of Learning and Teaching K-6 Study Guide includes a full REVIEW of: STUDENTS AS LEARNERS THE INSTRUCTIONAL PROCESS ASSESSMENT PROFESSIONAL DEVELOPMENT, LEADERSHIP AND COMMUNITY ...as well as 2 FULL practice tests. About Cirrus Test Prep Developed by experienced current and former educators, Cirrus Test Prep's study materials help future educators gain the skills and knowledge needed to successfully pass their state-level teacher certification exams and enter the classroom. Each Cirrus Test Prep study guide includes: a detailed summary of the test's format, content, and scoring; an overview of the content knowledge required to pass the exam; worked-through sample questions with answers and explanations; full-length practice tests including answer explanations; and unique test-taking strategies with highlighted key concepts. Cirrus Test Prep's study materials ensure that new educators feel prepared on test day and beyond.

Psychology, Principles and Applications Jan 05 2021

Principles of Test Theories Jun 22 2022 Based on a tremendous increase in the development of psychometric theories in the past decade -- ranging from techniques for criterion-referenced testing to behavioral assessment, generalizability, and item response theory -- this book offers a summary of core issues. In so doing, it provides a comprehensive survey of reliability, validity, and item analysis from the perspectives of classical true-score model, generalizability theory, item response theory, criterion-referenced testing, and behavioral assessment. Related theoretical issues such as item bias, equating, and cut-score determination are also discussed. This is an excellent text for courses in statistics, research methods, behavioral medicine and cognitive science as well as educational, school, experimental, counseling/social, clinical, developmental, and personality psychology.

Unit Testing Principles, Practices, and Patterns Nov 27 2022 Radically improve your testing practice and software quality with new testing styles, good patterns, and reliable automation. Key Features A practical and results-driven approach to unit testing Refine your existing unit tests by implementing modern best practices Learn the four pillars of a good unit test Safely automate your testing process to save time and money Spot which tests need refactoring, and which need to be deleted entirely Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Book Great testing practices maximize your project quality and delivery speed by identifying bad code early in the development process. Wrong tests will break your code, multiply bugs, and increase time and costs. You owe it to yourself—and your projects—to learn how to do excellent unit testing. Unit Testing Principles, Patterns and Practices teaches you to design and write tests that target key areas of your code including the domain model. In this clearly written guide, you learn to develop professional-quality tests and test suites and integrate testing throughout the application life cycle. As you adopt a testing mindset, you'll be amazed at how better tests cause you to write better code. What You Will Learn Universal guidelines to assess any unit test Testing to identify and avoid anti-patterns Refactoring tests along with the production code Using integration tests to verify the whole system This Book Is Written For For readers who know the basics of unit testing. Examples are written in C# and can easily be applied to any language. About the Author Vladimir Khorikov is an author, blogger, and Microsoft MVP. He has mentored numerous teams on the ins and outs of unit testing. Table of Contents: PART 1 THE BIGGER PICTURE 1 | The goal of unit testing 2 | What is a unit test? 3 | The anatomy of a unit test PART 2 MAKING YOUR TESTS WORK FOR YOU 4 | The four pillars of a good unit test 5 | Mocks and test fragility 6 | Styles of unit testing 7 | Refactoring toward valuable unit tests PART 3 INTEGRATION TESTING 8 | Why integration testing? 9 | Mocking best practices 10 | Testing the database PART 4 UNIT TESTING ANTI-PATTERNS 11 | Unit testing anti-patterns

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