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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- The First Thirty Years: Experience with Software Verification -- Vacuity in Testing -- What Can Fault Prediction Do for YOU? -- Research Papers -- Equivalence Checking for a Finite Higher Order ?-Calculus -- Finding Counter Examples in Induction Proofs -- A Logic-Based Approach to Combinatorial Testing with Constraints -- Functional Testing in the Focal Environment -- Bounded Relational Analysis of Free Data Types -- Static Analysis Via Abstract Interpretation of the Happens-Before Memory Model -- Pex–White Box Test Generation for .NET -- Non-termination Checking for Imperative Programs -- Tutorials -- Parameterized Unit Testing with Pex -- Integrating Verification and Testing of Object-Oriented Software.
Sommario/riassunto	This book constitutes the refereed proceedings of the Second International Conference on Test and Proofs, TAP 2008, held in Prato, Italy, in April 2008. The 8 revised full papers presented together with 3 invited papers and the extended abstracts of 2 tutorials were carefully reviewed and selected for inclusion in the book. The papers cover the area of convergence of software proofing and testing and feature current research work that combines ideas from both areas for the advancement of software quality. Topics addressed are generation of

test cases, oracles, or preambles by theorem proving, model checking, symbolic execution, or constraint logic programming; generation of specifications by deduction; verification techniques combining proofs and tests; program proving with the aid of testing techniques; transfer of concepts from testing to proving; automatic tools; formal frameworks; as well as case studies.