Software Quality and Testing

Description

Fundamentals of software testing
Fundamental test process
Testing throughout the software life cycle, Test levels,
Static techniques
Test design techniques
Specification-based or black-box techniques
State Transition Testing, Use case Testing
Structure-based or white-box techniques
Experience-based techniques
Test management
Risks and Testing
Tool support for testing
Case study

Literature

- Dorothy Graham, Erik Van Veenendaal, Isabel Evans, Rex Black: Foundations of Software Testing, Cengage Learning EMEA, 2nd ed., 2008, ISBN-13: 978-1844809899

- Jamie L. Mitchell, Rex Black, Advanced Software Testing, Vol 3, Rocky Nook, 2nd ed., 2015, ISBN-13: 978-1-937538-64-4

- Graham Bath, Judy McKay, The Software Test Engineer's Handbook, Rocky Nook, 3rd ed, 2014, ISBN-13: 978-1-937538-44-6