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## 测试性验证方法研究

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## STUDY OF TESTABILITY DEMONSTRATIONMETHODS

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摘要 对系统和设备测试性验证的主要内容、参数和验证方法进行了研究, 依据数理统计理论提出了用简单实用的查表方法来估计故障检测与隔离能力、设计试验方案及判定合格与否的准则。

关键词: 试验 故障 检测 虚警

Abstract: This paper discusses the main content, parameters and methods on testability demonstration of systems and equipment. In terms of the theory of mathematical statistics, the author presents a simple, practicable table - look - up method for evaluating fault detection and isolation capability; and design of the test plan as well as decision criteria of acceptance or rejection.

Keywords: tests malfunction detection false alarm

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