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Acceptance sampling based on truncated life tests for generalized Rayleigh distribution

Tzong-Ru Tsai  & Shuo-Jye Wu

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Abstract

This paper considers the problem of an acceptance sampling plan for a truncated life test when the lifetime follows the generalized Rayleigh distribution. For different

acceptance sampling plans, the operating characteristic function is derived. The time to failure is assumed to follow the generalized Rayleigh distribution. The specified time to failure is used to determine the acceptance sampling plans of the tables is illustrated.

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