

GRADUATE SEMINAR

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Asymptotic Power functions for the new test for distinguishing Weibull and Gamma distribution

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Date: Tuesday, August 4, 2020

Time: 10:00 am-11.00 am

Location: Zoom

Abstract: Lifetime probability models for Manufacturing products establish the roots for calculating the warranty period for these products. In this connection, I will discuss a new test for two main probability models in the reliability theory which consist of model of weak link (Weibull distribution) and the model of aging and deterioration (Gamma distribution). The consistency of the new test relies on Asymptotic Power function for discriminating Weibull and Gamma distribution through a simulation study.

