

Povzetek

To diplomsko delo se poglobi v vpliv materiala na porušitveni tlak termoplastičnih obročkov. V diplomi so predstavljeni osnovni statistični pojmi. Delo bolj podrobno obravnava momentne teste normalnosti in enojno analizo variance, ANOVA-o. V skladu z matematično teorijo je opravljen tudi eksperiment testiranja enakosti povprečnih porušitvenih tlakov termoplastičnih polimernih obročkov.

Math. Subj. Class. (MSC 2000): 62-07, 62K99, 62P30, 62E99

Ključne besede: porušitveni test, enakost povprečij, ANOVA, testi normalnosti, K^2 -test, Jacque-Berov test

Keywords: burst test, equality of means, ANOVA, normality tests, K^2 test, Jacque-Bera test

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