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Probability and statistics for engineering and the sciences

Devore, Jay L., author

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Abstrak

Contents: Overview and descriptive statistics -- Probability -- Discrete random variables and probability distributions -- Continous random variables and probability distributions -- Joint probability distributions and randoms samples -- Point estimation -- Statistical intervals based on a single sample -- Test of hypotheses based on single sample -- Inferences based on two samples -- The analysis of variance -- Multifactor analysis of variance -- Simple linear regression and correlation -- Nonlinear and multiple regression -- Goodness-of-fit tests and caterogical data analysis