

TOPIC

Engineering Probability and Statistics – Section II – Question 4

QUESTION

The yield of a chemical process is being studied. The past 5 days of plant operation have resulted in the following yields: 91.5, 88.7, 90.8, 89.9, and 92.1. Test hypotheses are H_0 : mean yield $\mu = 90\%$ versus H_1 : $\mu \neq 90\%$. The P-value of this statistical test most nearly is

- (A) 0.0500
- (B) 0.2515
- (C) 0.3125
- (D) 0.4975

CONTRIBUTOR

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