

Assignment

Given the probability of acceptance of a sampling plan as

$$P_a = \sum_{x=0}^2 \frac{e^{-50p}(50p)^x}{x!}$$

' draw the graph OC function of the sampling plan by taking different

properly chosen values of p . From the graph find the producer's risk if $p_1 = .05$, and find the consumer's risk if p_2 value is 0.10.