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Engineering Formula Sheet

Engineering Formula Sheet. Probability. Conditional Probability. Binomial Probability (order doesn't matter) $P_k = \binom{n}{k} p^k (1-p)^{n-k}$ (where p = probability of success, $1-p$ = probability of failure, k = number of successes, n = number of trials). Independent Events. $P(A \text{ and } B \text{ and } C) = P(A) \cdot P(B) \cdot P(C)$.

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