

LÖSUNG ZU 368:

$$P(X \leq a) - P(X \leq b) = \int_{-\infty}^a f(x) dx - \int_{-\infty}^b f(x) dx \quad \rightarrow 1C$$

$$1 - P(X \geq a) = P(X < a) = \int_{-\infty}^a f(x) dx \quad \rightarrow 2F$$

$$P(X \leq a) + P(X > a) = \int_{-\infty}^{\infty} f(x) dx \quad \rightarrow 3E$$

$$1 - P(X \leq b) = P(X > b) = \int_b^{\infty} f(x) dx \quad \rightarrow 4D$$

Lösung: 1C, 2F, 3E, 4D

