

LÖSUNG ZU 390:

c)

$$P(X \leq -0,53) = \Phi(-0,53) = 0,2981$$

d)

$$P(X \geq -2,13) = 1 - \Phi(2,13) = \Phi(-(-2,13)) = \Phi(2,13) = 0,9834$$

e)

$$P(-1 \leq X \leq 1) = \Phi(1) - \Phi(-1) = 0,8413 - 0,1587 = 0,6827 = D(1)$$

