

## UE5-Ex16

Mittwoch, 2. Mai 2018

23:00

$$k = \Phi^{-1} \left( 1 - \frac{\alpha}{2} \right) \Rightarrow \alpha = 1 - p = 1 - 0.9 = 0.1$$

$$l = \frac{k}{2\sqrt{n}} \quad l = 0.02 \quad k = 1.6449$$

$$l = \frac{k}{2\sqrt{n}} \Rightarrow l \cdot 2\sqrt{n} = k$$

$$n = \left( \frac{k}{2l} \right)^2 = \left( \frac{1.6449}{0.02 \cdot 2} \right)^2$$

$$\underline{n = 1691}$$