

## Naloga 1:

$$\begin{aligned}\sigma^2 &= 1/4, \sigma_{160}^2 = 160\sigma^2, \bar{N} = 3/2 \bar{N}_{160} = 160\bar{N}; \\ P(N_{160} > N_0) &= (1/2)[1 - \operatorname{erf}(\frac{N_0 - \bar{N}_{160}}{\sqrt{2}\sigma_{160}})] = 0.057; \\ P_3 = P^3, P(N = 3) &= 1/2, p_{\text{ocena}} = 0.44 \pm 0.10.\end{aligned}$$