

(*Zadanie 1*)

$$N_{\theta} = 5;$$

$$\text{nralbumu}_1 = 136\,831;$$

$$\text{nralbumu}_2 = 136\,693;$$

$$\text{nralbumu}_3 = 132\,339;$$

$$\text{nralbumu}_4 = 136\,681;$$

$$\text{nralbumu}_5 = 136\,693;$$

$$s = \frac{\sum_{i=1}^{N_{\theta}} \text{nralbumu}_i}{N_{\theta}};$$

$$\Delta s = \sqrt{\frac{\sum_{i=1}^{N_{\theta}} (\text{nralbumu}_i - s)^2}{N_{\theta}}};$$

$$\omega_{\theta} = \Delta s + 1;$$

$$b = \frac{\omega_{\theta}}{4};$$

$$f = 1;$$

$$n = 10;$$

$$\text{timelimit} = \frac{n * (2 \pi)}{\omega_{\theta}};$$