## Nowe zadania

**Zadanie 1.** If  $\sqrt{n}(T_n \to \theta)$  converges in distribution, then  $T_n$  converges in probability to  $\theta$ .

**Zadanie 2.** If  $\mathbb{E}X_n \to \mu$  and  $VarX_n \to 0$ , then  $X_n \to \mu$  in probability.