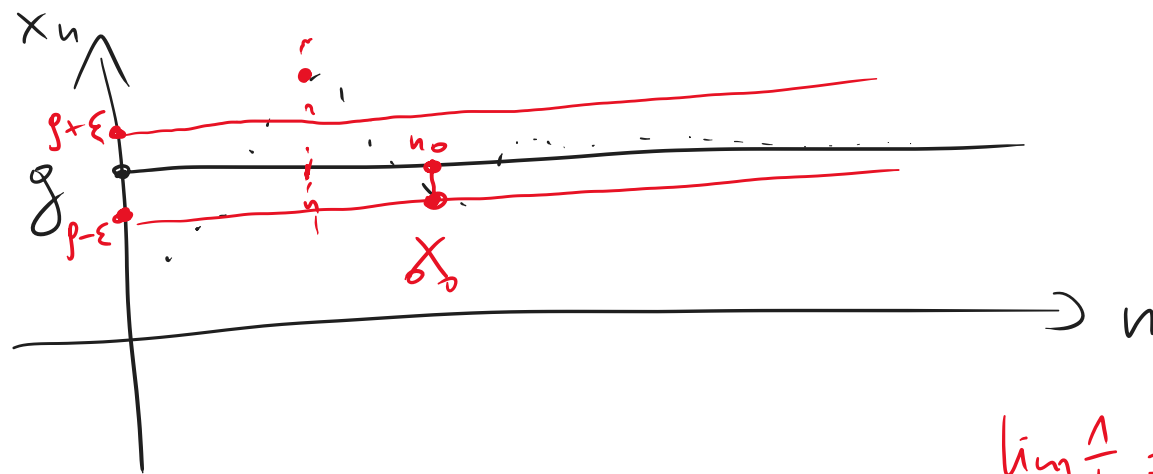


ZBIĘŻNOŚĆ (GRANICA)

(SZKOTA ŚREDNIA)

$$\lim_{n \rightarrow \infty} x_n = g \iff \bigwedge_{\varepsilon > 0} \bigvee_{n_0} \bigwedge_{n \geq n_0} |x_n - g| < \varepsilon$$

DET.



$$\lim_{n \rightarrow \infty} \frac{1}{n} = 0$$

$$\varepsilon$$

$$n_0 = \left\lceil \frac{1}{\varepsilon} \right\rceil$$

$$\left| \frac{1}{n} - 0 \right| \leq \varepsilon$$