

$$\begin{array}{c} \text{S)} \quad \text{Cim} \quad n \left(\frac{a_{n-1}}{a_{n+1}} - 1 \right) = \\ = \lim_{n \to \infty} n \left(\frac{3}{3} \frac{(n+1)(n+0(n+2))}{(3n+3)(3n+3)(3n+2)} \cdot \frac{3}{4} \frac{(n+2)(n+2)}{(n+2)} - 1 \right) = \\ = \lim_{n \to \infty} n \left(\frac{3}{3} \frac{(n+1)(n+0(n+2))}{(3n+3)(3n+3)} \cdot \frac{4}{4} \frac{(n+2)(n+2)}{(n+2)} + 4 \frac{n^2+3n+2}{n^2+1} + 4 \frac{n^2+3n+2}{n^2+$$

Chopeg Karepust na Poode-Droams peger sa

x= R= 3 e paskog suy, \$\frac{5}{6} L1

Laropust landruz sa x=-R=-3 peger e exogsy, 7.e.

e y chosno exogsy a x \(E - \frac{1}{3} \), \(\frac{1}{3} \),