## ESERCITI CAP. 3 - PARTE PRIM

## Calcolone i sequent timit

lim 
$$\frac{2-\pi}{\pi^2+5}$$

lim  $\frac{2^2+3}{\pi^2+5}$ 

lim  $\frac{2^2+3}{\pi^2+5}$ 

lim  $\frac{2^2+3}{\pi^2+5}$ 

lim  $\frac{2^2+3}{\pi^2+5}$ 

lim  $\frac{2^2+3}{\pi^2+5}$ 

lim  $\frac{2^2+3}{\pi^2+5}$ 

lim  $\frac{2^3+4}{\pi^2-5}$ 

lim  $\frac{3^3+4}{\pi^2-5}$ 

$$\lim_{n\to+\infty} \frac{2n-1}{n^2+2}$$

$$\lim_{n\to+\infty} \frac{3n^2}{n^2+1}$$

$$\begin{array}{ccc} & 4\sqrt{\frac{n^2+n+2}{(n+1)^2}} & -1 \\ & & \\ 1 \rightarrow +\infty & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

$$\lim_{2c \to +\infty} \frac{3\sqrt{\frac{2c^2+3}{7c^2+2}}}{1-\cos\frac{2}{7c+6}}$$

Saivere le equazioni degli asinbb delle segnenti funzioni

$$f(n) = \frac{\chi^2 - 2}{\chi^4 + 3}$$

$$f(n) = \frac{n^2 - 2}{n^2 - 16}$$

$$f(n) = \frac{n^2 - n + 1}{n^2 - 9}$$

$$\rho(n) = \frac{n^4 - n + 1}{n + 6}$$

$$f(n) = \sqrt{n^2 + 3n + 1}$$