

163

pag 125

$$\lim_{x \rightarrow +\infty} 3^x - (x^5 + 4x^3 + 2) =$$

$$\lim_{x \rightarrow +\infty} 3^x \left[1 - \frac{x^5}{3^x} - \frac{4x^3}{3^x} - \frac{2}{3^x} \right] =$$

$$= \infty (1 - 0) = +\infty$$