

$$\begin{aligned}
 25. \quad & \lim_{x \rightarrow \infty} \frac{x + x^3 + x^5}{1 + x^2 + x^3} \\
 &= \lim_{x \rightarrow \infty} \frac{\frac{1}{x^2} + 1 + x^2}{\frac{1}{x^3} + \frac{1}{x} + 1} = \infty
 \end{aligned}$$