

احسب النهايات :

$$\lim_{x \rightarrow -\infty} [x + \ln(x^2 - 1)] \quad \lim_{x \rightarrow 0} x \ln\left(1 + \frac{1}{x^2}\right)$$
$$\left(t = \frac{x-1}{x+1} \text{ ضع}\right) \quad \lim_{x \rightarrow +\infty} x \ln \frac{x-1}{x+1}$$

Achamel