$$\frac{E \times 3}{x \rightarrow -\infty} : \lim_{x \rightarrow -\infty} f(x) = \frac{0-1}{0+1} = -1$$

$$\lim_{x\to+\infty}f(x)=\frac{+\infty}{+\infty}=?$$

$$f(x) = \frac{e^{x}-1}{2a^{x}+1} = \frac{e^{x}\left(1-\frac{1}{e^{x}}\right)}{e^{x}\left(2+\frac{1}{e^{x}}\right)}$$

$$||x|| + ||x|| = ||x|| + ||x|| = \frac{1 - \frac{1}{40}}{2 + \frac{1}{40}} = \frac{1}{2}$$

$$E \times 10$$
: $\lim_{x \to -\infty} f(x) = 0 - (-\infty) = +\infty$

$$f(x) = e^{x} - x = e^{x} \left(1 - \frac{x}{e^{x}}\right)$$

$$\lim_{x\to+\infty} f(x) = \lim_{x\to+\infty} e^{x} \left(1 - \frac{x}{e^{x}}\right)$$

Aspel:
$$\lim_{x\to +\infty} \frac{x}{e^x} = 0 \Rightarrow \lim_{x\to +\infty} f(x) = +\infty \times L = +\infty$$

$$\frac{E \times 11}{K \rightarrow +\infty} = \lim_{K \rightarrow +\infty} \left(x - \ln x \right) = \lim_{K \rightarrow +\infty} \left(x - \ln x \right)$$

$$\lim_{K \rightarrow +\infty} \frac{\ln x}{x} = 0$$

$$\lim_{K \rightarrow +\infty} \left(x - \ln x \right) = +\infty \times L = +\infty$$

$$\lim_{K \rightarrow +\infty} \left(x - \ln x \right) = \lim_{K \rightarrow +\infty} \left(\frac{e^{\kappa} \left(1 + \frac{1}{e^{\kappa}} \right)}{x^{2} \left(1 + \frac{1}{e^{\kappa}} \right)} = \frac{e^{\kappa} \left(\frac{1 + \frac{1}{e^{\kappa}}}{x^{2}} \right)}{x^{2} \left(\frac{1 + \frac{1}{e^{\kappa}}}{x^{2}} \right)} = 0$$

$$\frac{1}{x - y + \alpha \alpha} \frac{1}{x^2 + 1} = \frac{1}{x - y + \alpha \alpha} \frac{1}{x^2} \frac{$$