

B سطر

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سکھای مقصود

$$\lim_{x \rightarrow x^+} f(x) = \infty \checkmark$$

$$\lim_{x \rightarrow x^-} f(x) = \infty \checkmark$$

(1) (2)

$$\lim_{x \rightarrow x^+} f[x] = \infty \checkmark$$

$$\lim_{x \rightarrow x^-} f[x] = 1 \checkmark$$

(2) (3)

$$\lim_{x \rightarrow x^+} [f(x)] = \infty \checkmark$$

$$\lim_{x \rightarrow x^-} [f(x)] = \infty \checkmark$$

(2) (3)

$$[\lim_{x \rightarrow x^+} f(x)] = \infty \checkmark$$

$$[\lim_{x \rightarrow x^-} f(x)] = \infty \checkmark$$

(2) (3)

$$\lim_{x \rightarrow x^+} \frac{f(x)}{x-x} \begin{cases} \mu^+ & \frac{q}{0^+} = +\infty \\ \mu^- & \frac{q}{0^-} = -\infty \end{cases} \checkmark$$

$$\lim_{x \rightarrow x^+} \frac{f(x)}{(x-x)^r} \begin{cases} \mu^+ & \frac{q}{0^+} = +\infty \\ \mu^- & \frac{q}{0^-} = +\infty \end{cases} \checkmark$$

(2) (4)

$$\lim_{x \rightarrow x^+} \frac{f(x)}{x-x} \begin{cases} \mu^+ & \frac{q}{0^+} = +\infty \\ \mu^- & \frac{q}{0^-} = 0 \cdot \infty \end{cases} \checkmark$$

$$\lim_{x \rightarrow x^+} \frac{f(x)}{x^r - f(x)^r} \begin{cases} \mu^+ & \frac{q}{0^+} = +\infty \\ \mu^- & \frac{q}{0^-} = 0 \cdot \infty \end{cases} \checkmark$$

(2) (9)

$$\lim_{x \rightarrow x^+} \frac{f(x)}{(x-x)(x-f)} \begin{cases} \mu^+ & \frac{q}{0^+} = -\infty \\ \mu^- & \frac{q}{0^-} = +\infty \end{cases} \checkmark$$

$$\lim_{x \rightarrow x^+} \frac{f(x)}{[x-x]} \begin{cases} \mu^+ & \frac{q}{0^+} = 0 \cdot \infty \\ \mu^- & \frac{q}{-1} = -q \end{cases} \checkmark$$

(2) (V)

$$\lim_{x \rightarrow x^+} [x] + [-x] \begin{cases} \mu^+ & q - \infty = \infty \\ \mu^- & 1 - \infty = \infty \end{cases} \checkmark$$

$$\lim_{x \rightarrow x^+} [-f(x)] + [f(x)] \begin{cases} \mu^+ & \infty - \infty = 11 \\ \mu^- & \infty - \infty = 11 \end{cases} \checkmark$$

(2) (A)

$$\lim_{x \rightarrow x^+} [x^f - f_x] \begin{cases} \mu^+ & -f \\ \mu^- & -f \end{cases} \checkmark$$

$$\lim_{x \rightarrow x^+} [y(x-x^r)] \begin{cases} \mu^+ & 1 \\ \mu^- & 1 \end{cases} \checkmark$$

(2) (9)

$$\lim_{x \rightarrow x^+} \frac{|x-x|}{x^r - f(x)^r} = \frac{0}{0} \begin{cases} \mu^+ & \frac{x-x}{(x-x)(x-1)} = 1 \\ \mu^- & \frac{-(x-x)}{(x-x)(x-1)} = -1 \end{cases} \checkmark$$

$$\lim_{x \rightarrow 1} \frac{x - [x]}{x^r - 1} = \frac{0}{0} \begin{cases} \mu^+ & \frac{x-x}{(x-x)(x+1)} = \frac{1}{x} \\ \mu^- & \frac{x}{x^r - 1} = \frac{1}{0^-} = -\infty \end{cases} \checkmark$$