

6.19

$$\lim_{x \rightarrow -2^-} \frac{\eta\mu x - 1}{x + 2} = \lim_{x \rightarrow -2^-} (\eta\mu x - 1) \cdot \lim_{x \rightarrow -2^-} \frac{1}{x + 2} = [\eta\mu(-2) - 1] \cdot (-\infty) =$$

$\eta\mu(-2) < 1 \Rightarrow \eta\mu(-2) - 1 < 0$
 $= \boxed{+\infty}$