

$$\int_{1}^{1} inv \left(\csc x - \frac{1}{x} \right) = \infty - \infty$$

$$\int_{1}^{1} x = 1$$

$$\int_{1}^{1} x = \frac{1}{x - 5in x} = 0 - 0$$

$$\int_{1}^{1} x = \frac{1 - 1}{x - 5in x} = 0 - 0$$

$$\int_{1}^{1} x = \frac{1 - 1}{x - 5in x} = 0 - 0$$

$$\int_{1}^{1} x = \frac{1 - 1}{x - 5in x} = 0 - 0$$

$$\int_{1}^{1} x = \frac{1 - 1}{x - 5in x} = 0 - 0$$

$$\int_{1}^{1} x = \frac{1 - 1}{x - 5in x + \cos x - 1} = 0 - 1 + 0 - 1$$

$$\int_{1}^{1} x = \frac{1 - 1}{x - 5in x + \cos x - 1} + \cos x$$

$$\int_{1}^{1} x = \frac{5in x}{x - 5in x + 2\cos x} = \frac{0}{2} = 0$$

$$= 0$$

 $\lim_{x \to \infty} \chi'' = \infty'' = \infty''$ $\lim_{\substack{X \to 0^+ \\ X \to 0^-}} (CS(X)) = \infty^{3in X}$ $\lim_{\substack{X \to 0^- \\ X \to 0^-}} e^{\ln(cS(X)) - Sin X}$ lim eln x KK lims L. Inx X->00 X lim sinx.ln(cscx) 人->0+ lim lnx X->00 X - 8 8 $\lim_{X \to 0^+} \frac{f_n(cse_X)}{cse_X} = \frac{\infty}{\infty}$ $\lim_{X \to \infty} \frac{1}{x} = \frac{1}{\infty}$ lim cscx . -csexcotx $\rho^{\circ} = \langle | \rangle$ $= \frac{1}{8} = 0$ 0

$$\begin{aligned}
\lim_{X \to \infty} \left(1 + \frac{1}{X} \right)^{X} &= \left(1 + 0 \right)^{\infty} = 1^{\infty} \\
\lim_{X \to \infty} e^{X \cdot h \left(1 + \frac{1}{X} \right)} &e^{\ln \left(f(x) \right)} \\
e^{\lim_{X \to \infty} \frac{h \left(1 + \frac{1}{X} \right)}{X^{-1}}} &= \frac{0}{2} \\
\lim_{X \to \infty} \frac{1}{X^{-1}} &= \frac{1}{2} \\
\lim_{X \to \infty} \frac{1}{1 + \frac{1}{\infty}} &= \frac{1}{1 + 0} = 1 \\
&= \frac{1}{1 + \frac{1}{\infty}} = \frac{1}{1 + 0} = 1 \\
&= \frac{1}{1 + \frac{1}{\infty}} = \frac{1}{1 + 0} = 1
\end{aligned}$$