| + 1m B $M \rightarrow + \infty$ Wg (\overline{M}^3 X $\sim + \infty$ \mathcal{X}

- logx $=\frac{1}{x}dx$ 12g Z log2

$$|V| = 1 - 1$$

$$|V| = 1$$

$$|V|$$

$$\begin{cases}
7 = 6 \sqrt{2} \\
9 = -\frac{11}{4} + 2 \times 11
\end{cases}$$

$$V_0 = -\frac{T}{12}$$

$$\varphi_0 = -\frac{1}{12} \qquad \varphi_1 = \frac{1}{2} \qquad \varphi_2 = \frac{5}{4} \qquad \varphi_3 = \frac{5}{4} \qquad \varphi_4 = \frac{5}{4} \qquad \varphi_5 = \frac{5}{4} \qquad \varphi_6 = \frac{5}{4} \qquad \varphi_7 = \frac{5}$$

$$\frac{\log(1+x)-1-\log^2x+e^{x^2-x}}{\lg x-x}$$

$$\frac{\log(1+x)-1-\log^2x+e^{x^2-x}}{\lg x-x}$$

$$\frac{\log x}{\log x-x} = \frac{1}{3}x^3+o(x^3)$$

$$\frac{\log(1+x)}{\log(1+x)} = \frac{1}{3}x^3+o(x^3)$$

$$\frac{e^{x} + e^{2x}}{e^{2x} + 1} = \frac{1 + e^{x}}{e^{2x} + 1} = \frac{e^{x} + e^{x}}{e^{2x} + 1} = \frac{e^{x}}{e^{2x} + 1} = \frac{e^{$$

$$\begin{array}{c} & \lim_{M \to + 0} \frac{|2|^{M}}{(M+2)^{M}} \frac{M^{M}}{2^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{(M+2)^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{2^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{2^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{2^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{2^{M}} \\ & = \lim_{M \to + \infty} \frac{|2|^{M}}{2^{M}} \frac{M^{M}}{2^{M}}$$

$$e^{x^{2}-x}-1 = \frac{1}{2}(x^{2}-x)^{2} + \frac{1}{6}(x^{2}-x)^{3} + o(x^{3})$$

$$= -2\frac{1}{2}x^{3} - \frac{1}{6}x^{3} + o(x^{3})$$

$$= -\frac{1}{2}x^{3} + \frac{1}{3}x^{3} + o(x^{3})$$

$$e^{x^{2}-x}-1 = \frac{1}{2}(x^{2}-x)^{2} + \frac{1}{6}(x^{2}-x)^{3} + o(x^{3})$$

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 $(tq^2x+1)dx-(x$ Deriponty X to X - Senx $= \left[\log(\cos x)\right]$

