$$\int_{(s,n)}^{0} (s) \times (s$$

$$C(1 \text{ tre} \{o_{1}\omega) =) R = \infty$$

$$= \sum_{n=1}^{\infty} \frac{(-1)^{n} (1+n)}{3^{n} n!} (x-2)^{n} \left(x-2\right)^{n} \left(x+2\right)^{n} \left(x$$

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X ₀ :	x) = 3 ^x = e ^x = -3 chies on 3 . e ^(x+3) h	e (x+3)		n3) ⁿ X6 (R	
3d) f	$(x) = \frac{7}{2x - 6}$	= <u>1</u> 21x	-2)-5+2	-3+2(x	$\frac{1}{1} = \frac{1}{3}$	1 1-2(x-1)
= -1/3	$\sum_{k=0}^{\infty} \left(\frac{2(x-1)}{3} \right)$		2 ⁿ ()		$\frac{1}{1} \left < 7 \right $ $1 \left < \frac{3}{2} \right $ $\left(-\frac{1}{2} \right) \left \frac{5}{2} \right $	g