3

CANCELLATION NEAR

EXPAND (OS(X) AS TRUNCATED
TAYLOR SERIES:

$$1 - 205 \times 2 = 1 - \left[1 - \frac{x}{2!} + \frac{4}{4!}\right]$$

$$= -\frac{x^2}{2!} + \frac{4}{4!}$$

## CANCELLATEON NEAR

×, 2 p

×2 2 2.08

FOR LANGE POSZTZVE X

×3 2 7.83

×4 2 7.88

# REGTS FROM
WOLFRAM ALPHA

EXPAND EX SINX IN TRUNEATED TAYLOR SERTES:

$$\frac{2^{2}}{2!} + \frac{1}{5!}$$

$$= \frac{1}{2!} - \frac{1}{3!} + \frac{1}{5!}$$

$$= \frac{1}{2!} - \frac{1}{3!} + \frac{1}{5!}$$