

$\frac{3}{c}$

$$P_{3,c}(x) = 0.8455 x^3 - 1.060 x^2 + 1.933 x + 1$$

$$e^{1.5} \approx 0.8455 (1.5)^3 - 1.060 (1.5)^2 + 1.933 (1.5) + 1$$

$$\approx 4.368$$

$$e^4 \approx 0.8455 (4)^3 - \dots$$

$$\approx 45.88$$