

Comparing Quadratic Approximations
to Calculator Computations

Session 25

$$e^{.01} \approx 1 + .01 + \frac{.0001}{2} = 1.01005$$

$$e^{.1} \approx 1 + .1 + \frac{.01}{2} = 1.105$$

$$e \approx 1 + 1 + \frac{1}{2} = 2.5$$