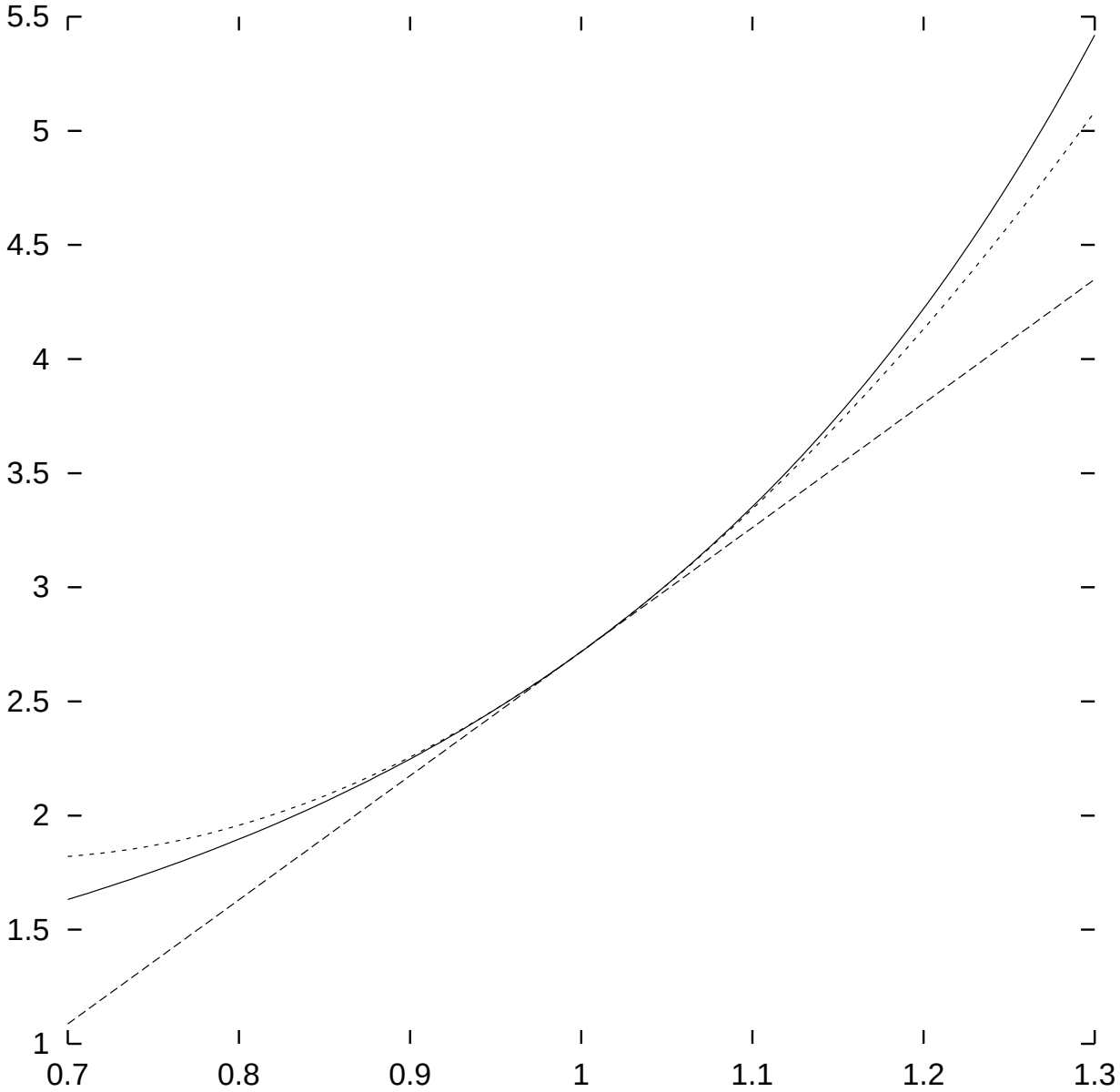
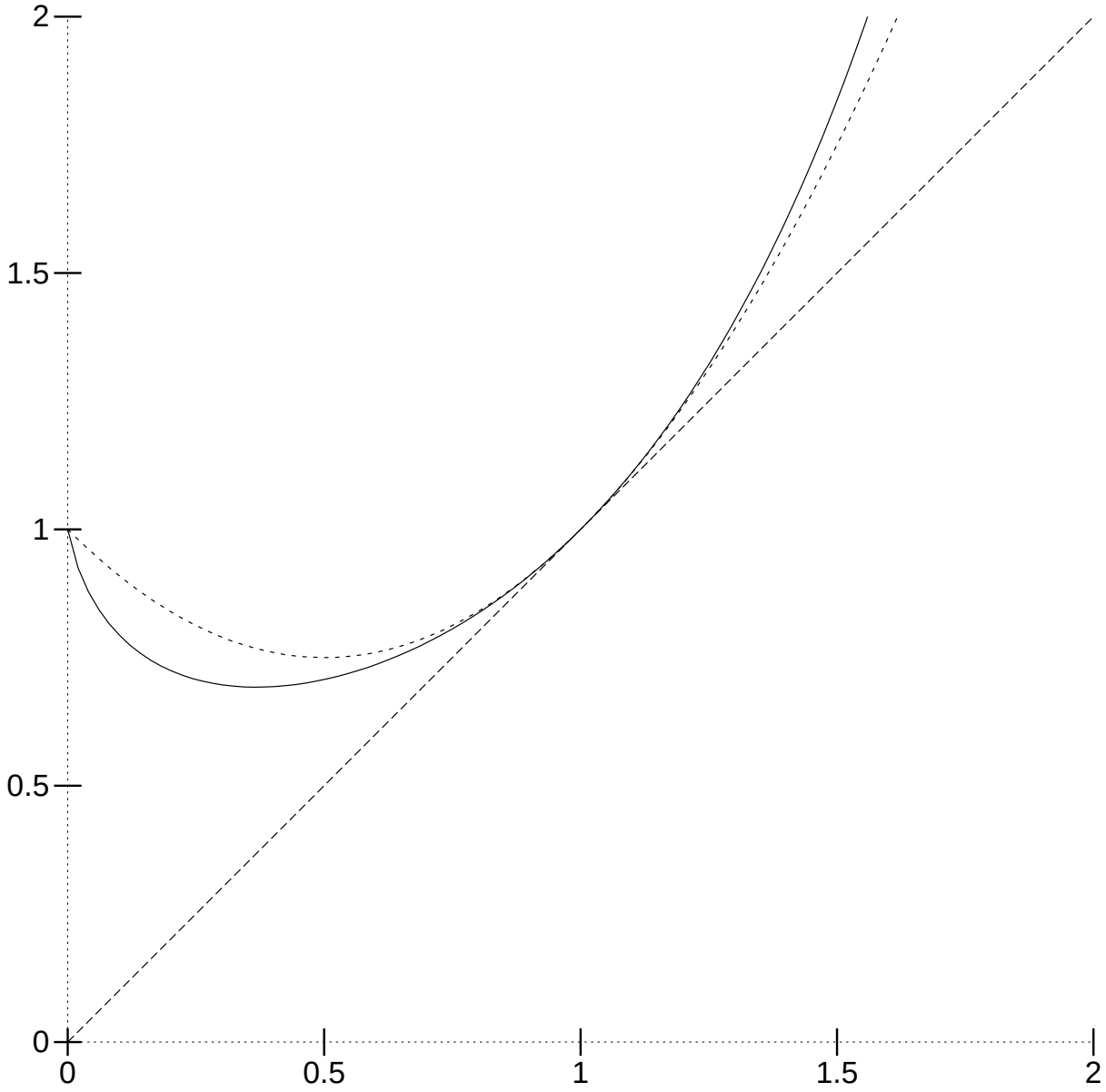


The graphs of

$$f(x) = e^{x^2}, T_1(x) = e + 2e(x-1), \text{ and}$$

$$T_2(x) = e + 2e(x-1) + 3e(x-1)^2$$

i.e., e^{x^2} and its Taylor polynomials of degrees 1 and 2.



The graphs of

$$f(x) = x^x, T_1(x) = x, \text{ and } T_2(x) = x + (x-1)^2$$

i.e., x^x and its Taylor polynomials of degrees 1 and 2.