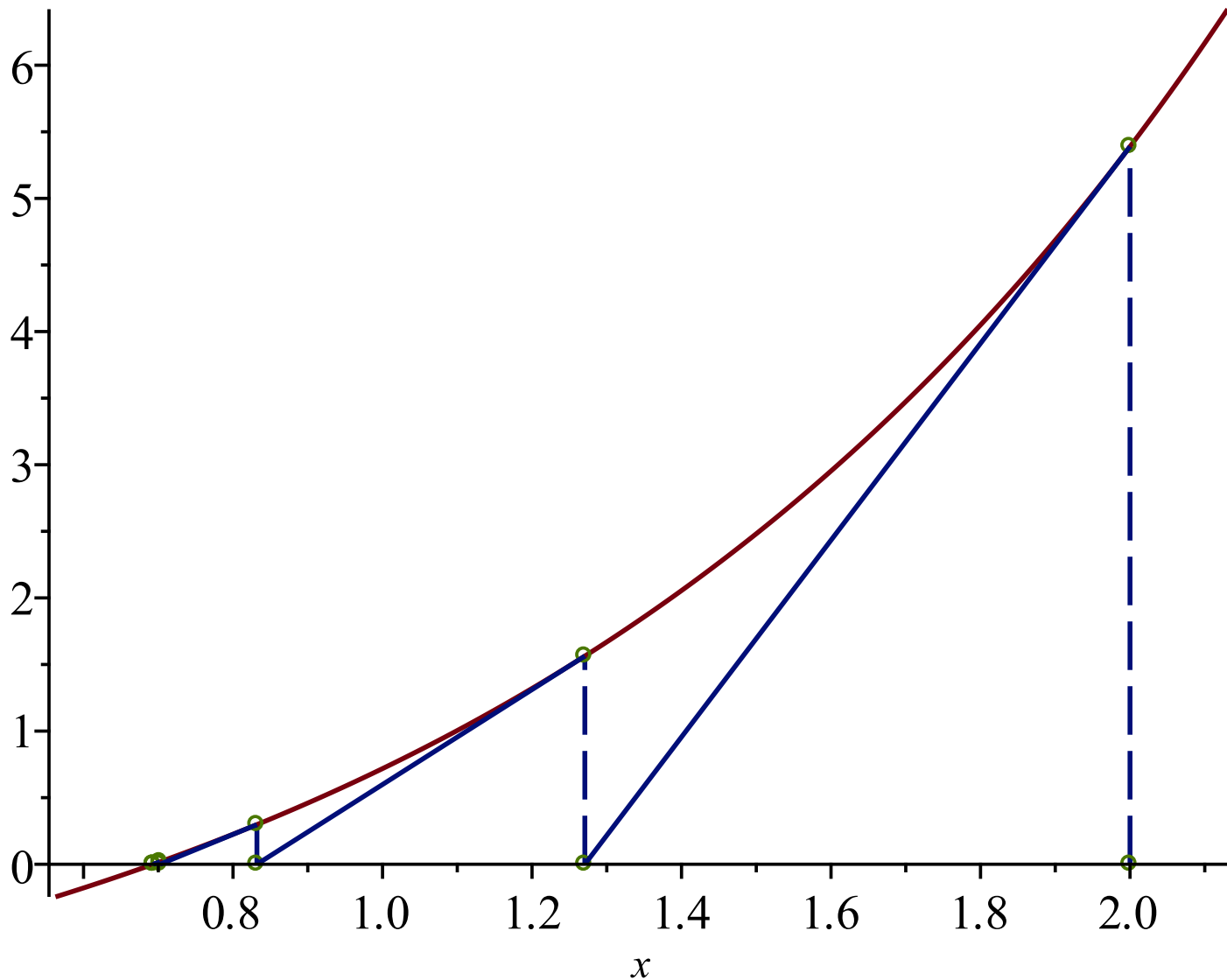


# Newton's Method



—  $f(x)$  — Tangent lines

From the initial point  $x = 2$ , at most 5 iteration(s) of Newton's method for  $f(x) = e^x - 2$