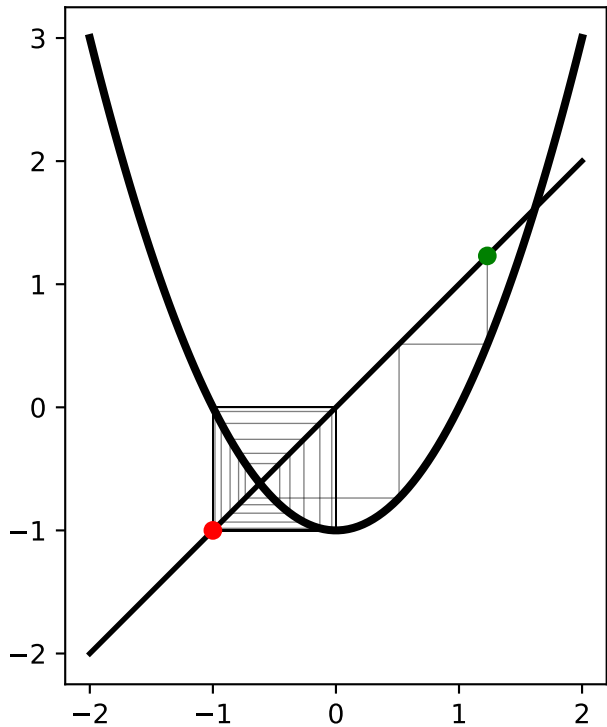


(a): $f(x) = x^2 - 1$



(b): $g(x) = \frac{1}{2}x^2 + 2x - 2$

