

Figure 2: Graphical Analysis for  $f(x) = \sqrt{x}$   
 where:  $0 < x < 1$

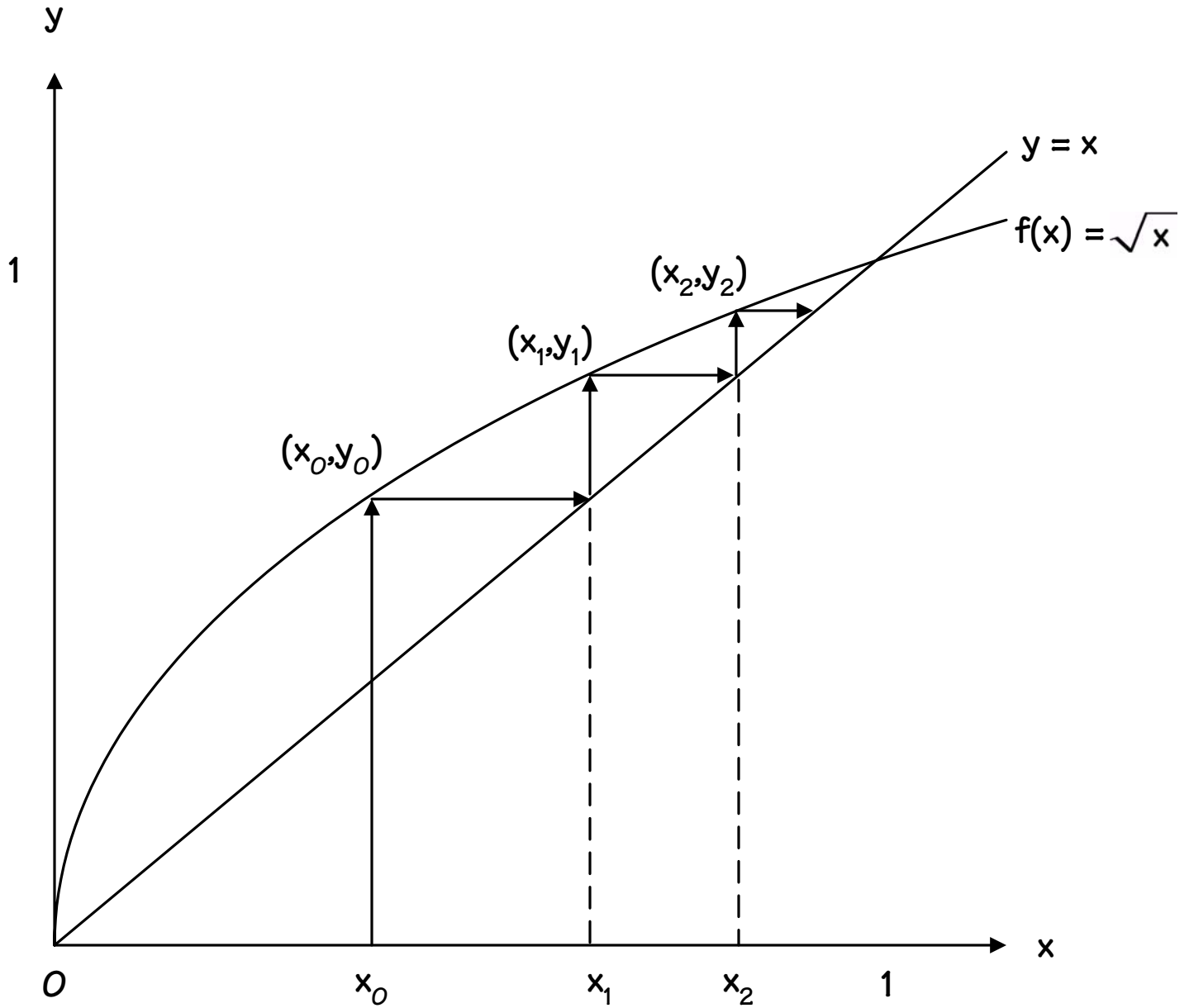


Table of Values (orbit) for  $x_n$

- $x_0 = .4$
- $x_1 = .63$
- $x_2 = .79$
- $x_3 = .89$
- ...