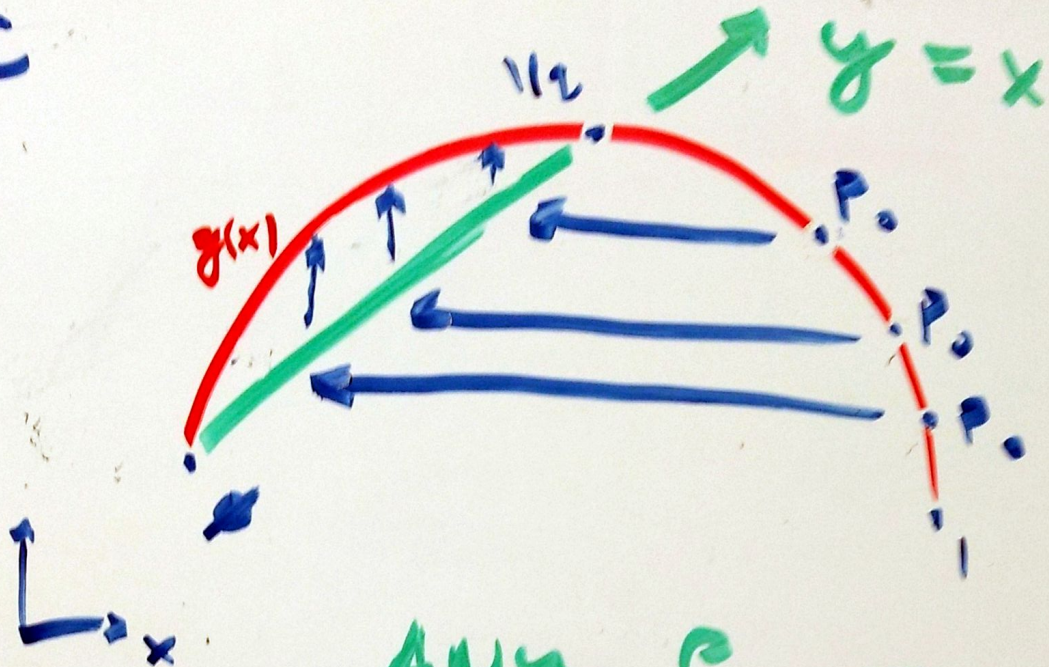


9  
C

$$P_0 \in (0, 1)$$



ANY  $P_0$  IN  
(0, 1) WILL  
CONVERGE TO  
 $x = 1/2$  BECAUSE  
 $g(x)$  HAS A  
POSITIVE SLOPE  
AT ALL POINTS  
IN  $(0, 1/2)$