

# 수치해석 HW\_1

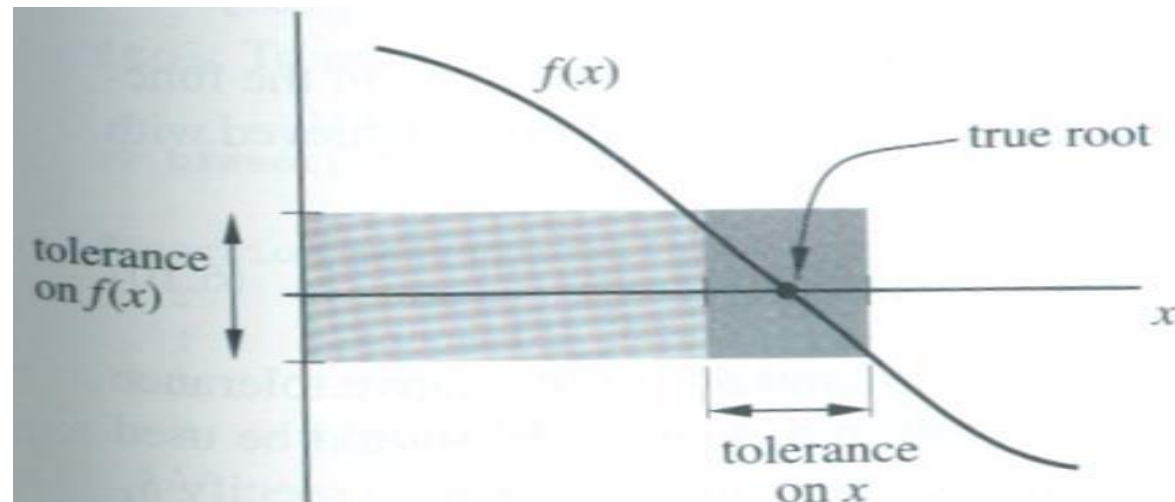
## Fixed-point implementation

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20.09.14

# Fixed-point implementation

- EX :  $y = x^3 + 4x^2 - 10 = 0$ 
  - You need to find solution in  $[1, 2]$  with above equation.
  - Multiply all parameters by power of 2.



- HW : Implement the fixed-point implementation of the above problem in 16 bits. **(use bisection method)** Write a ( C++, C ) code with a floating-point implementation. You can compare the solutions.

due day : 9/30