

- $x^4 - 7.4x^3 + 20.44x^2 - 24.184x + 9.6448 = 0$

➤ **Muller Method:**

Output

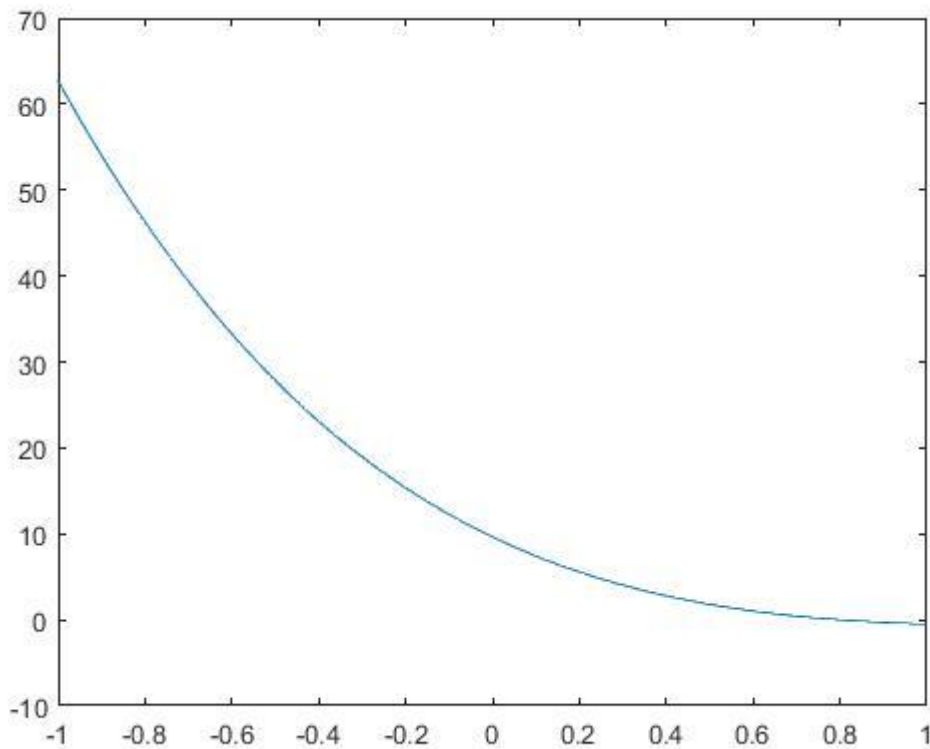
Root: 0.8 for starting guess [-1 0 1]

2.2 for starting guess [0 1 2]

>Plots:

$-1 \leq x \leq 1$

f(x) vs x



➤ **Bairstow Method:**

Output:

Roots: 2.2, 0.8, $(2.2 \pm 0.8i)$ for both sets of values of α_0 and α_1 .

>Plots

$$0 \leq x \leq 1$$

f(x) vs x

