

Program 2

Implement the bisection algorithm (on page 47) and use it to find the roots of

$$f(x) = -2.75x^3 + 18x^2 - 21x - 12$$

in the intervals $[-1,0]$ and $[2,3]$. Iterate until $|p_N - p_{N-1}| / |p_N| < 10^{-5}$.

Place the values of the roots you discovered in the comments of the code you turn in.