

EEE 208 – Programming for EEE

Homework #4

Write a code to solve (find the roots) of a quadratic equation ($ax^2 + bx + c = 0$) based on the sign of the discriminant Δ . Do not use the roots function.

Instructions:

1. Define a, b and c in your code and give them optional values.
2. Find the discriminant Δ , and then write **if** and **elseif** commands based on the sign of Δ to find the equation's roots.
4. Finally, use the **disp** function to write **the number and value** of these roots on the screen.