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Numerical Methods
1-30-20

Homework 2

Exercise 2.1 - 5

- $r = [-0.001343; -0.001572]$, $r' = [-0.0000001; 0.0000000]$, $e = [-0.001, -0.001]$, $e' = [-0.659, 0.913]$

See Test_NGE

I increased n to 50 and it started slowing down computing things at that scale, and x still came back as 1. I think it wasn't retrieving that information back from the Naive_Gauss function properly, but i'm not sure how to fix this exactly.

See Gauss and Solve

The solutions i got are:

$a = 1.00000 \quad 0.00000 \quad -2.46667$

$b = 1 \quad 0 \quad 0 \quad 0$

$c = 1 \quad 1$