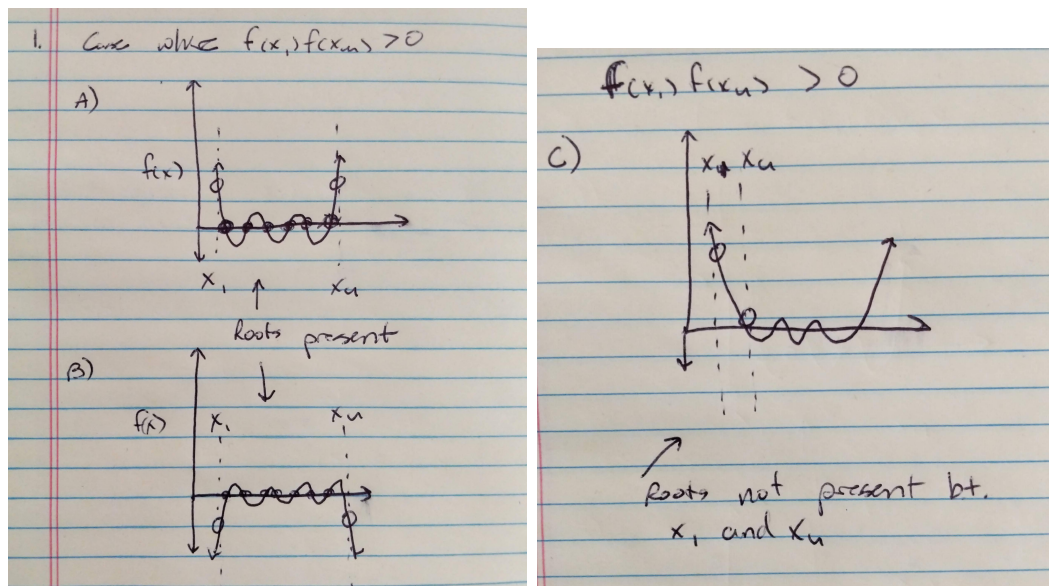


1 Solving a Nonlinear Single Equation

1.2 Bisection Method Thought Exercise

1. A, B, and C demonstrate cases where there may or may not be a root between $f(x_1)$ and $f(x_m)$ when their product is greater than zero. ****Note:** when I drew these, I accidentally put x_u instead of x_m
2. A and B also demonstrate that there may be multiple roots between x_1 and x_u when their product is greater than zero.



3. Bisection Method Flowchart:

