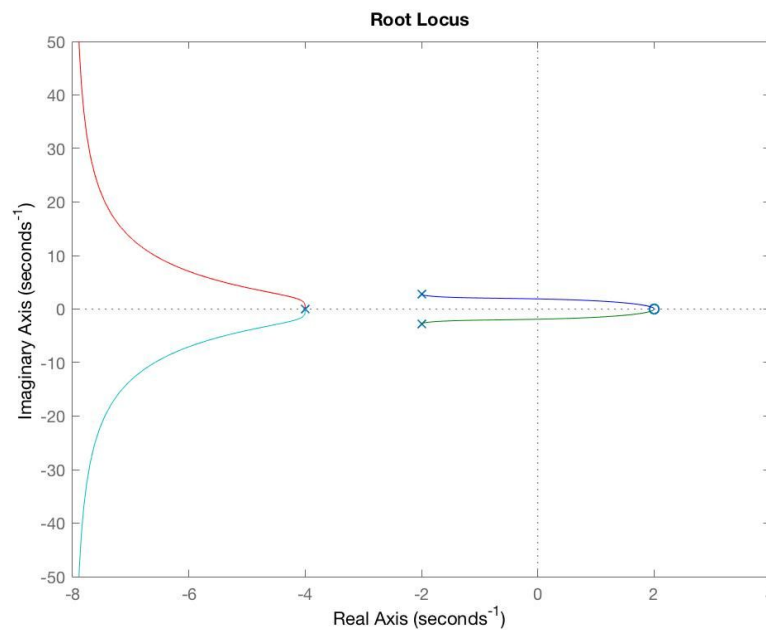HW#7 Problem 7
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A. I calculated the imaginary axis angle crossings using a Routh Table - which helped me get the curvature of the semi-arc around the origin correct. The angle of departure of the poles was also correct because intuition told me it was 90 degrees. I did not have the angle of departure near the poles at 90 degrees as I should have. Also, I drew the branches departing from these poles with the wrong inflection.

B. My biggest error with this root loci was not getting the circular behavior correct. The loci wraps around the complex poles in a circular manner, which I did not anticipate. Again the angle of departure from the real axis is 90 degrees because there are two total finite poles/zeros on this real axis segment.

Root Locus