

< Return to Classroom

Radar Target Generation and Detection

REVIEW CODE REVIEW 5 HISTORY

Meets Specifications

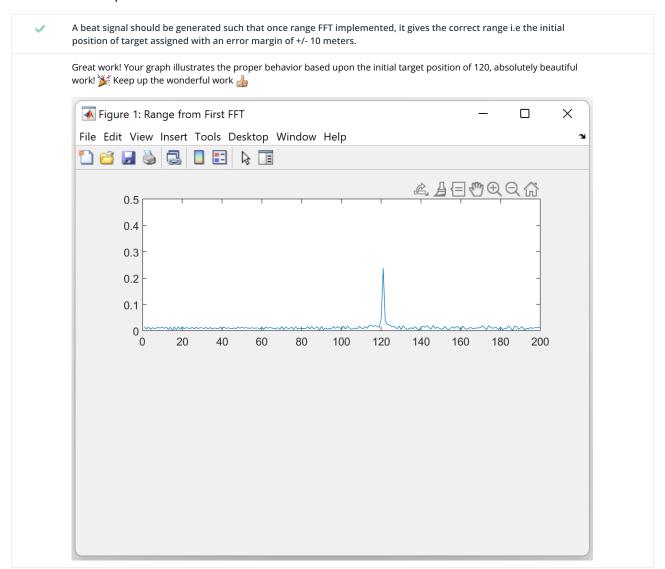
Great work with the project. All the parts are implemented correctly and giving correct output. I hope you enjoyed the material, and have a better understanding of the fundamentals of Radar! I wish you good luck in your future endeavors!

FMCW Waveform Design

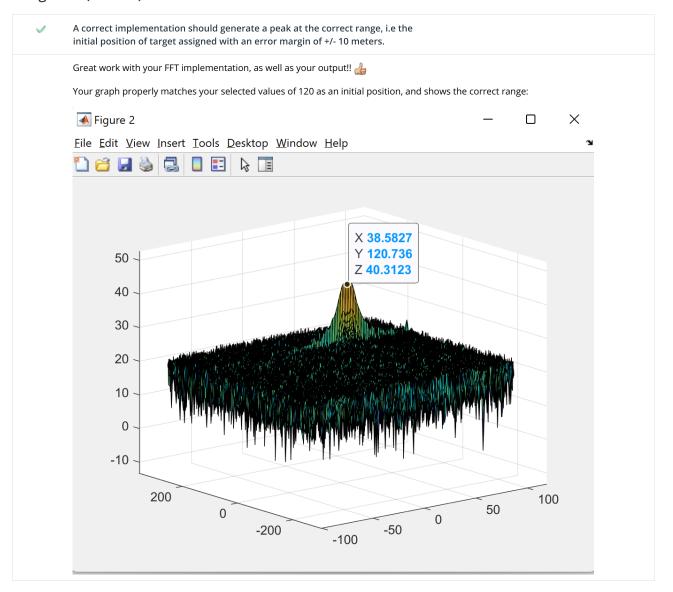
For given system requirements the calculated slope should be around 2e13

Wonderful work getting your slope to return the proper value of 2e13!

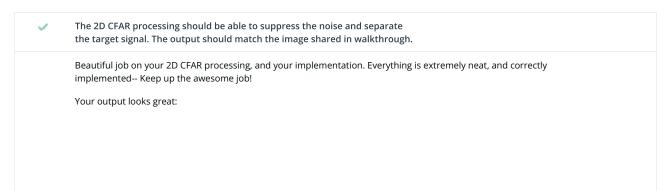
Simulation Loop

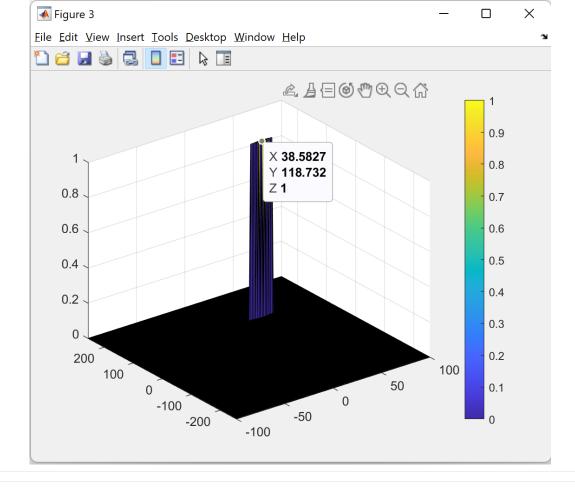


Range FFT (1st FFT)



2D CFAR





✓ In a README file, write brief explanations for the following:

- Implementation steps for the 2D CFAR process.
- Selection of Training, Guard cells and offset.
- Steps taken to suppress the non-thresholded cells at the edges.

Great work with your writeup! Your parameter choices were well chosen, and your methodology explained.

■ DOWNLOAD PROJECT



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