

About the Matlab Files

The Matlab files are titled according to the book chapters in which they were used to generate figures and are arranged sequentially for each chapter in a one-to-one correspondence with the figures. The user may have difficulties with some of the files if the computer they are using does not have sufficient memory. I did most of the simulations on a 32 bit laptop PC with 3 GB of RAM. However, some of the diffraction tomography and MUSIC simulations required more memory and were done on a 64 bit dual processor with 6 GB of RAM. In most cases the user can modify the programs to reduce array sizes and/or optimize the code to run properly.

Please feel free to email the author at devaney@ece.neu.edu or at devaneyajd@aol.com if they have questions about any of the codes. Also, any improvements in the codes will be greatly appreciated and acknowledged.

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