

These MATLAB m files supplement the book, *Digital and Analog Communication Systems, 8th Edition (United States)*, by Leon W. Couch, II, Pearson/Prentice Hall, Upper Saddle River, NJ, 2011.

This directory (or folder) contains MATLAB[®] (trademark of The Mathworks, Inc.) m files for most examples and for selected figures, tables, study-aid examples, and homework problems (those marked with a computer symbol). To run these MATLAB *.m files, a copy of the student or professional version of MATLAB (version 7 or higher) is needed. For example, to plot the results of Example 1-1, run the MATLAB file Example1_01.m. See *Appendix C* at the end of the book for instructions for running these m files. All of these MATLAB files must be kept in the same directory since some of these files run functions that are defined in other files.

These *.m files were written by Leon W. Couch, II, with some of them based on original files written by Ronald Forrest Smith.

The **Instructor MATLAB M Files, 8 Ed**, zip file and the **Instructor Solutions Manual** may be downloaded from the Instructor Section of the Pearson/Prentice Hall website located at <http://portal.mypearson.com/mypearson-login.jsp>

The **Student MATLAB M Files, 8 Ed**, may be downloaded from the Internet Web Sites maintained by the author located at

<http://lcouch.us>

or

<http://www.couch.ece.ufl.edu>

The **Student MATLAB M Files, 8 Ed**, include files for selected examples, figures, tables, and study-aid examples — identical to the files for the **Instructor, MATLAB M Files, 8 Ed**. However, the **Student MATLAB M Files, 8 Ed**, do **not** contain all the MATLAB homework-solution files that are included in the Instructor edition. The students files for the computer-solution homework problems are included only if the homework problems are marked with a ★.

The author welcomes comments, suggestions, and/or contributions of *.m files that might be included with the future editions of the book. Please email these to couch@ufl.edu or mail to:

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