

University of Pennsylvania  
Department of Electrical and System Engineering  
Digital Signal Processing

ESE531, Spring 2021    HW0: Matlab Tutorial and Review    Sunday, January 31

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**Due:** Not to be turned in.

- **Signals Review:** You should make sure to review your signals background by reviewing the knowledge roundup  
[https://www.seas.upenn.edu/~ese531/spring2021/knowledge\\_roundup.html](https://www.seas.upenn.edu/~ese531/spring2021/knowledge_roundup.html)  
and using either the OCW or Oppenheim reference to refresh your signals and system knowledge. Both references list 5 topics and resource material as well as practice problems. It is important to bring this information back to the forefront of your memory to follow along in lecture as I will not repeat these fundamental topics in lecture.
- **Matlab Tutorial** You should familiarize yourself with Matlab. While, the homework will help with usage the tutorial posted on the course calendar  
[https://www.seas.upenn.edu/~ese531/spring2021/handouts/MATLAB\\_tutorial.m](https://www.seas.upenn.edu/~ese531/spring2021/handouts/MATLAB_tutorial.m)  
is a good introduction for Matlab basics. You should view it in a text editor and not actually run it as an .m file to begin with. Additionally you can reach out to your TAs for additional resources.