_____OVERVIEW_____

This laboratory reviews concepts and technical skills in Mathematica.

_____TASKS_____

Functions

Create a non-trivial Mathematica function and demonstrate its use. As a bonus, the function would demonstrate a materials science and engineering concept or application.

Lists Create a list, matrix, or tensor and perform a Mathematica operation on it. As a bonus, the list and the operation would demonstrate a materials science and engineering concept or application.

Visualization Create a non-trivial Mathematica graphic. As a bonus, the visualization would demonstrate a materials science and engineering concept or application.

It would be acceptable, but not necessary, to combine all three tasks into single demonstration.

_____REPORT_____

This homework will be graded. Your report should include comments that would help one of your classmates understand what your work demonstrates. Send your report as a saved Mathematica notebook with name `3016_Lastname_Lab06.nb` to 3.016@pruffle.mit.edu.