Interpolate Two Data Files

Load the following MATLAB MAT-files:

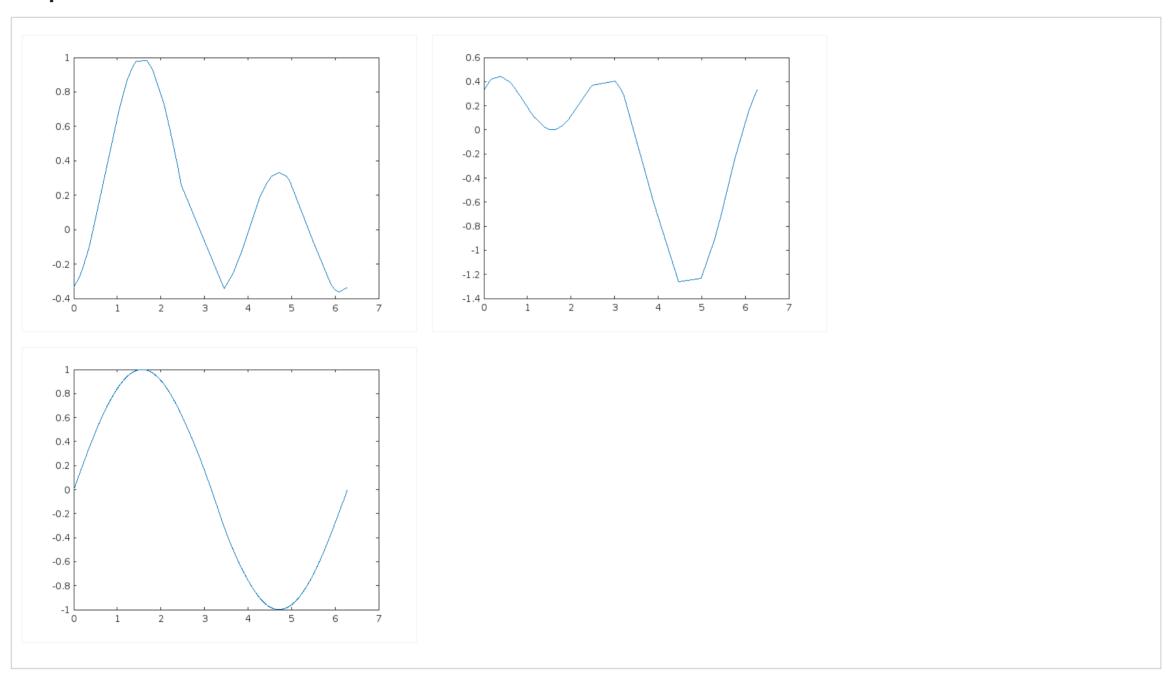
data1.mat

data2.mat

The file data1.mat contains the variables x1 and y1. The file data2.mat contains the variables x2 and y2. Use cubic splines to interpolate both y1 and y2 to a uniform x-grid. Plot y1+y2 versus x. Your result should look like $y = \sin x$.



Output



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