

Input the P0, P1, P0dot\_bar, P1dot\_bar as [#;#;#] for each when prompt and this function will plot the Hermite Curve. ✓

or

Input the Ph as a 3x4 matrix when prompt and this function will plot the Hermite Curve.

Do you want to input as vectors (type "1") or matrix (type "2").

Input Choice Here ("1" or "2" only):2

Type in a 3x4 matrix.

Ph :[8,6,4,1;3,6,4,8;7,3,-4,-9];

This program output are Ph and numerical values upon calling. Then plot the Hermite Curve. ✓

Ph =

8	6	4	1
3	6	4	8
7	3	-4	-9

Max Curvature: 1.8471

Max Curvature location u = 0.1900

Max Curvature x,y,z position =

8.2802
3.5485
6.3862

Max Torsion: 41.0230

Max Torsion location u = 0.4500

Max Torsion x,y,z position =

7.5826
3.9293
5.7569

Check graph in plot.

For Numerical Values of type in desire values base off Workspace:

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