

Input the P0, P1, P0dot_bar, P1dot_bar as [#;#;#] for each when prompt and this function will plot the Bezier Curve. ✓

or

Input the Ph as a 3x5 matrix when prompt and this function will plot the Bezier 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 3x5 matrix.

Ph :[1 3 2 2 2;1 5 1 5 2; 1 2 3 4 5];

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

Pb =

1	3	2	2	2
1	5	1	5	2
1	2	3	4	5

Max Curvature: 1.4223

Max Curvature location u = 0.8100

Max Curvature x,y,z position =

2.0209
3.1349
4.2400

Max Torsion: 34.7734

Max Torsion location u = 0.6100

Max Torsion x,y,z position =

2.1216
3.1338
3.4400

Check graph in plot.

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

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