

Input n, Ps, W, and Type for NURBS Curve.
For OPEN type: 1
For CLOSED type: 2
n (input interger>3):
W (1 by n+1 matrix all positive values): auto input below
Ps (4 by n+1 matrix last rows is all ones): auto input below
Open or Closed Value: auto input below
This program output are n, Ps, W and Type. Then plot the NURBS.

Type (Open=1) (Close=2) :2
n = 9

W =
5 7 10 2 8 6 5 9 4 2

Ps =
5 12 -15 4 16 -12 -15 -19 -9 17
5 20 -11 -16 2 -2 -1 8 -15 5
-7 20 -20 -4 -5 19 15 20 8 16
1 1 1 1 1 1 1 1 1 1

Max Curvature: 1.8532e+03

Max Curvature x,y,z position =
-17.7785
5.2301
18.5038

Max Torsion: 3.0368

Max Torsion x,y,z position =
-17.7606
5.2007
18.4842

Check graph in plot.
For Numerical Values of type in desire values base off Workspace:
>>