Subject: Interpolate between two curves
Posted by Gray on Fri, 25 Mar 2011 23:40:28 GMT

Hi all,

I have a large set (>10,000) of x,y data points, and two non-
overlapping curves (2nd-degree poly fits):
$y = a1*x^2+b1*x+c1$
$y = a2*x^2+b2*x+c2$
Curve 1 has z=0 and curve 2 has z=5; z values change linearly in y
between the two curves. How do I find the z values of all my data
points from these curves? I really don't want to loop over all my
points with INTERPOL, but INTERPOLATE can only handle indices, not
data values. Any suggestions? Thanks!

--Gray