Subject: Is there a quick way to find the intersection of two lines?
Posted by eyuchen on Tue, 05 Feb 2008 00:08:16 GMT

Hi there,

I have two sets of x-y data:
x1=[1,2,3,4,5] y1=[3.2,7.4,8.2,9.3,7.9];
x2=[1.2,1.4,2.3,2.8,3.3,3.9,4.1,4.5,5.2]
y2=[3.1,5.2,6.2,7.3,7.5,8.6,9.6,8.7,7.4];

By running:
plot, x1, y1
oplot, x2, y2
we can clearly see that there are four intersections, but it is not
clear what are the x,y coordinates of these points.

Is there an easy way to do it? Thank you very much.

Eugene