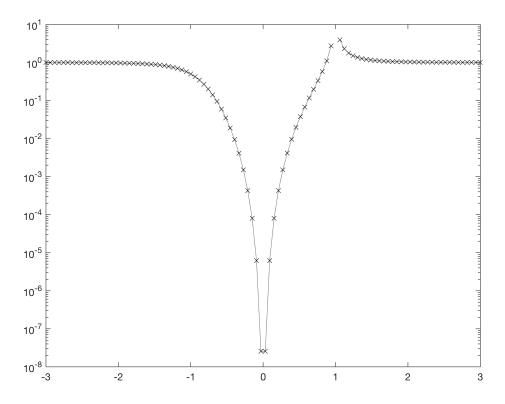
```
f = @(x) polyval([1 0 0 0 0 -1],x);
X = linspace(-2,2,100);
Y = f(X);
x = linspace(min(X)-1,max(X)+1,100);
error = abs(f(x)-linterp_bary(X,Y,x))./abs(f(x));
semilogy(x,error,'kx:');
```



```
% plot(x, f(x), 'ko:', x, linterp_bary(X, Y, x), 'rx:');
% xlim([-3 3]); ylim([eps le9]);
```