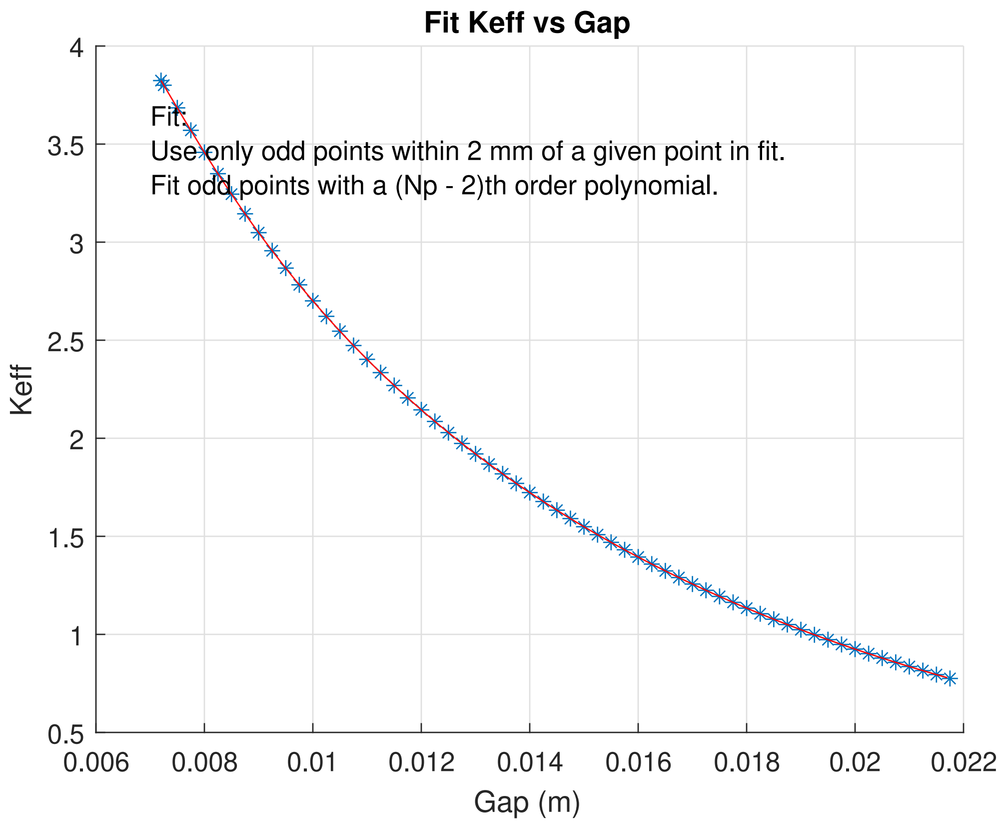
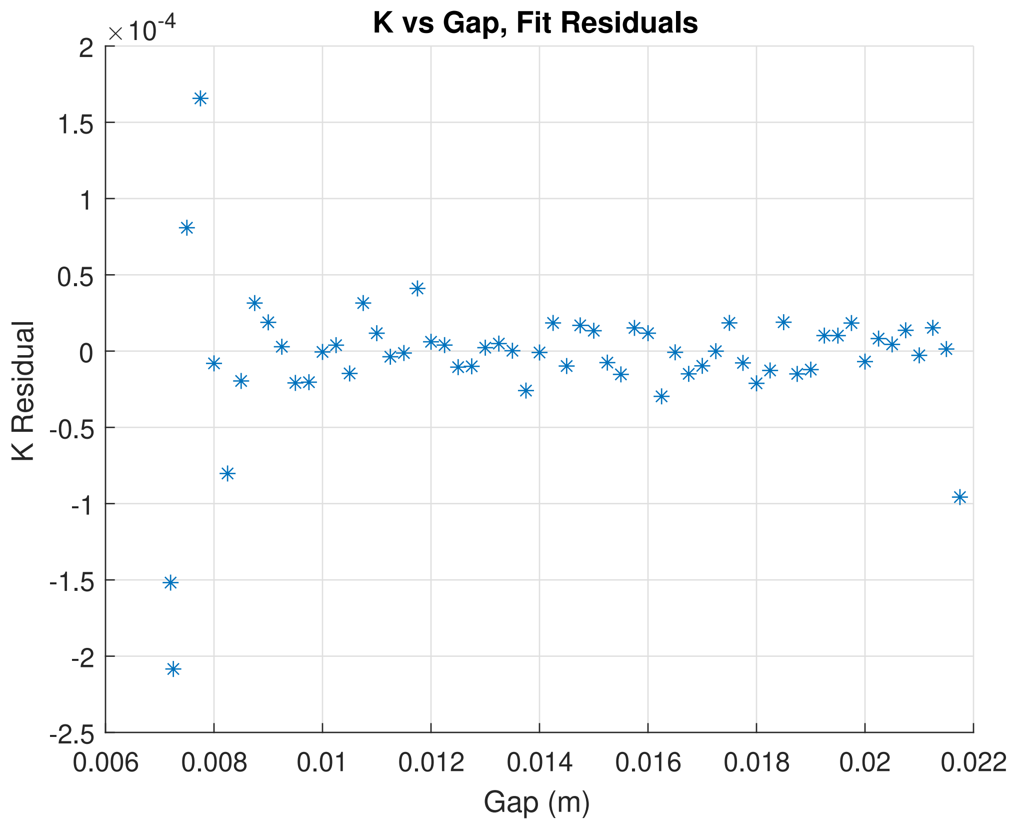
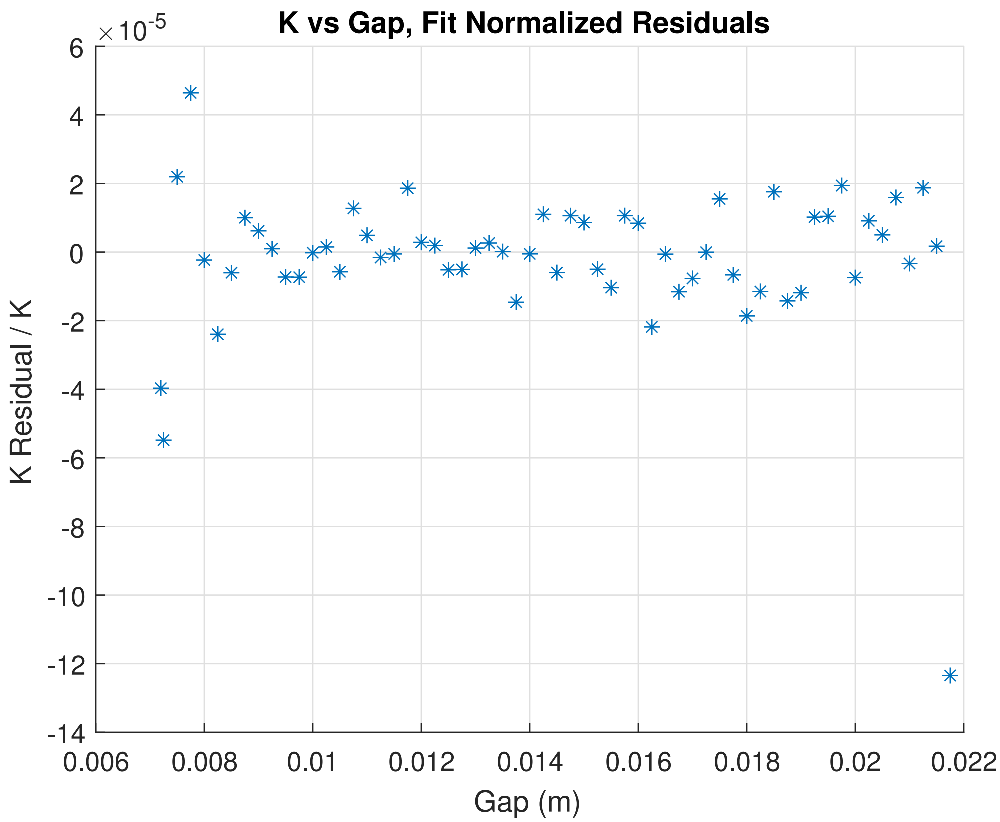
SLAC Magnetic Measurements#
Date: 12-15-2016#
Time: 11:58:37#


Fit Keff vs Gap
Fit:
Use only odd points within 2 mm of a given point in fit.
Fit odd points with a (Np - 2)th order polynomial.
Keff
Gap (m)
4
3.5
3
2.5
2
1.5
1
0.5
0.006
0.008
0.01
0.012
0.014
0.016
0.018
0.02
0.022


K vs Gap, Fit Residuals
×10^-4
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-2.5
K Residual
0.006
0.008
0.01
0.012
0.014
0.016
0.018
0.02
0.022
Gap (m)



K vs Gap, Fit Normalized Residuals
×10^-5
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
K Residual / K
0.006
0.008
0.01
0.012
0.014
0.016
0.018
0.02
0.022
Gap (m)