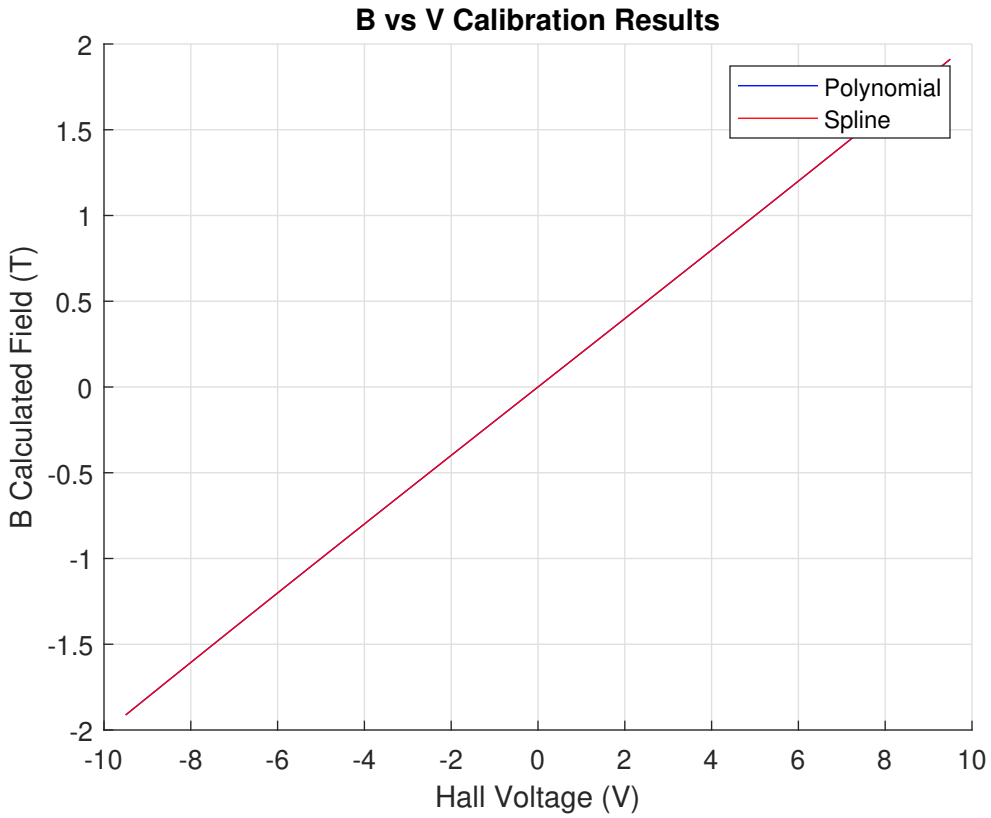
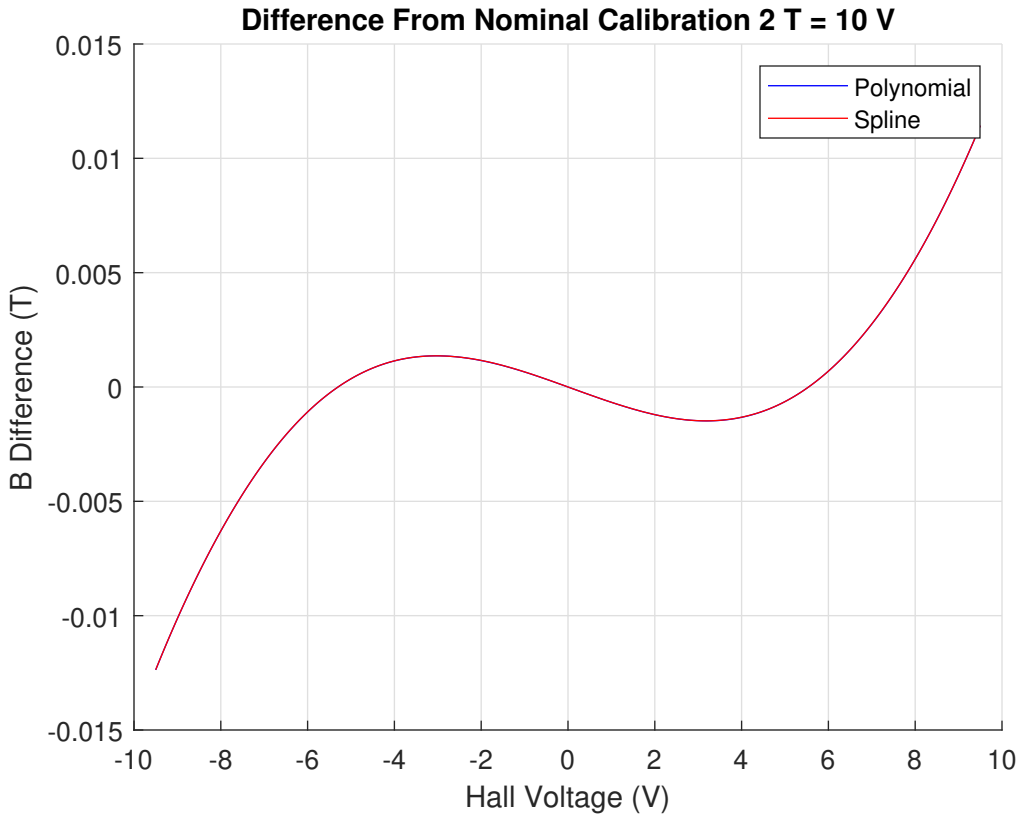
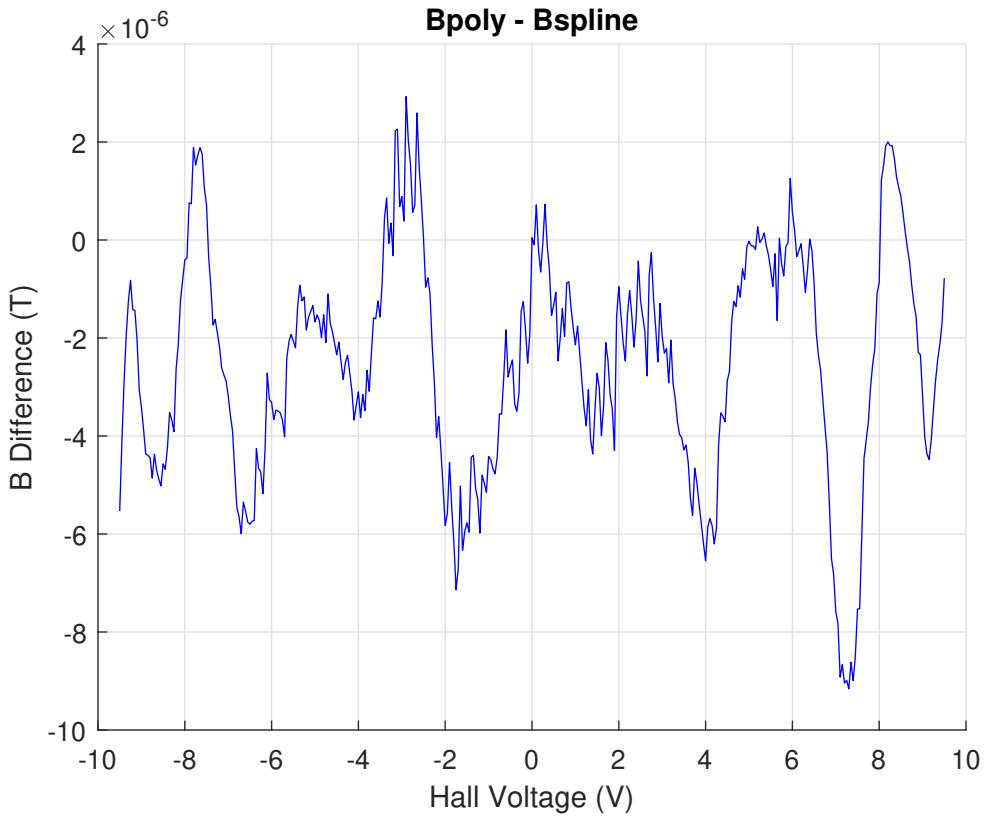
SLAC Magnetic Measurements#
Date: 04-03-2023#
Time: 16:42:09#


B vs V Calibration Results
Polynomial
Spline
B Calculated Field (T)
Hall Voltage (V)
2
1.5
1
0.5
0
-0.5
-1
-1.5
-2
-10
-8
-6
-4
-2
0
2
4
6
8
10


Difference From Nominal Calibration 2 T = 10 V
Polynomial
Spline
B Difference (T)
0.015
0.01
0.005
0
-0.005
-0.01
-0.015
-10
-8
-6
-4
-2
0
2
4
6
8
10
Hall Voltage (V)


Bpoly - Bspline
×10-6
4
2
0
-2
-4
-6
-8
-10
B Difference (T)
-10
-8
-6
-4
-2
0
2
4
6
8
10
Hall Voltage (V)