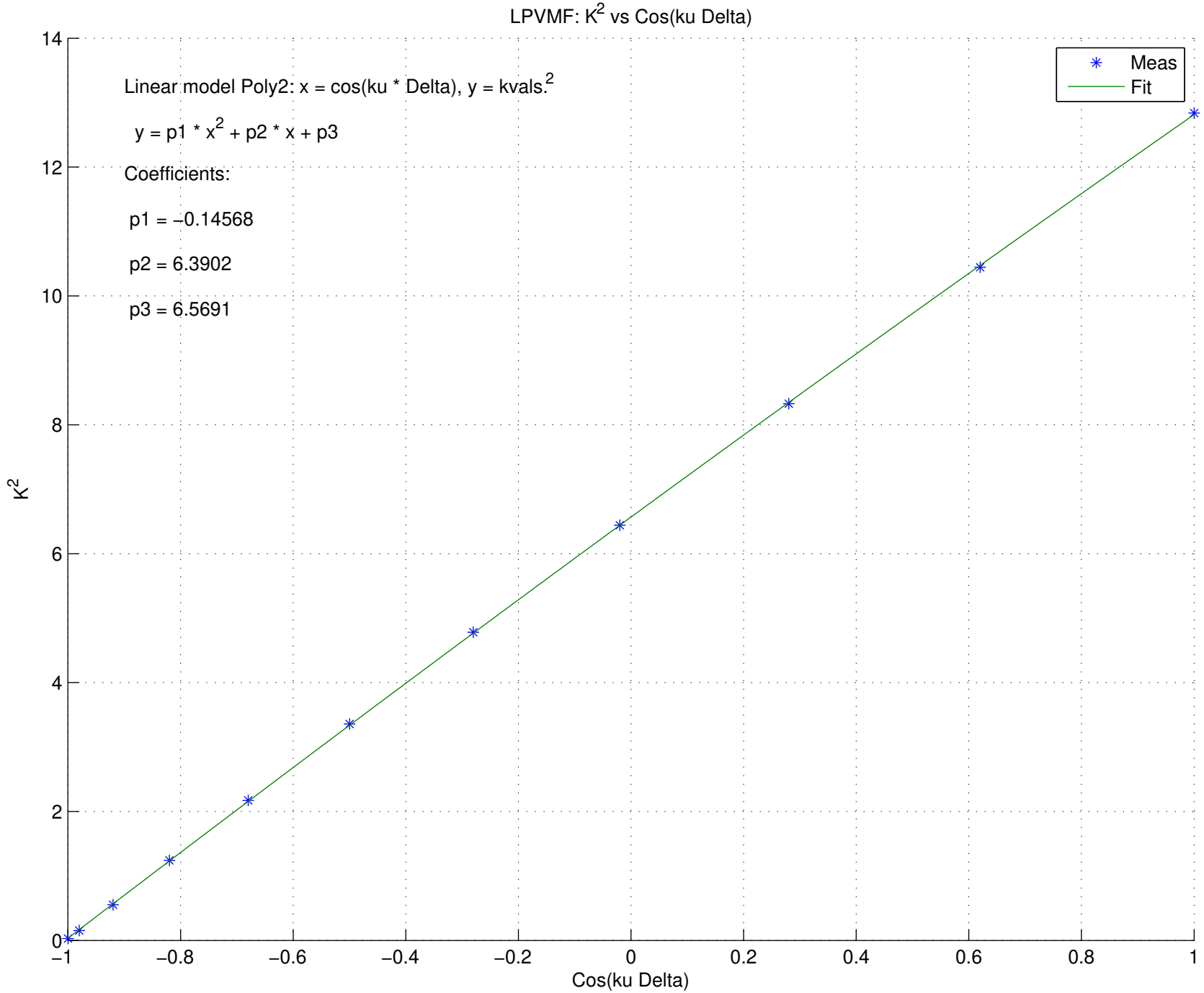
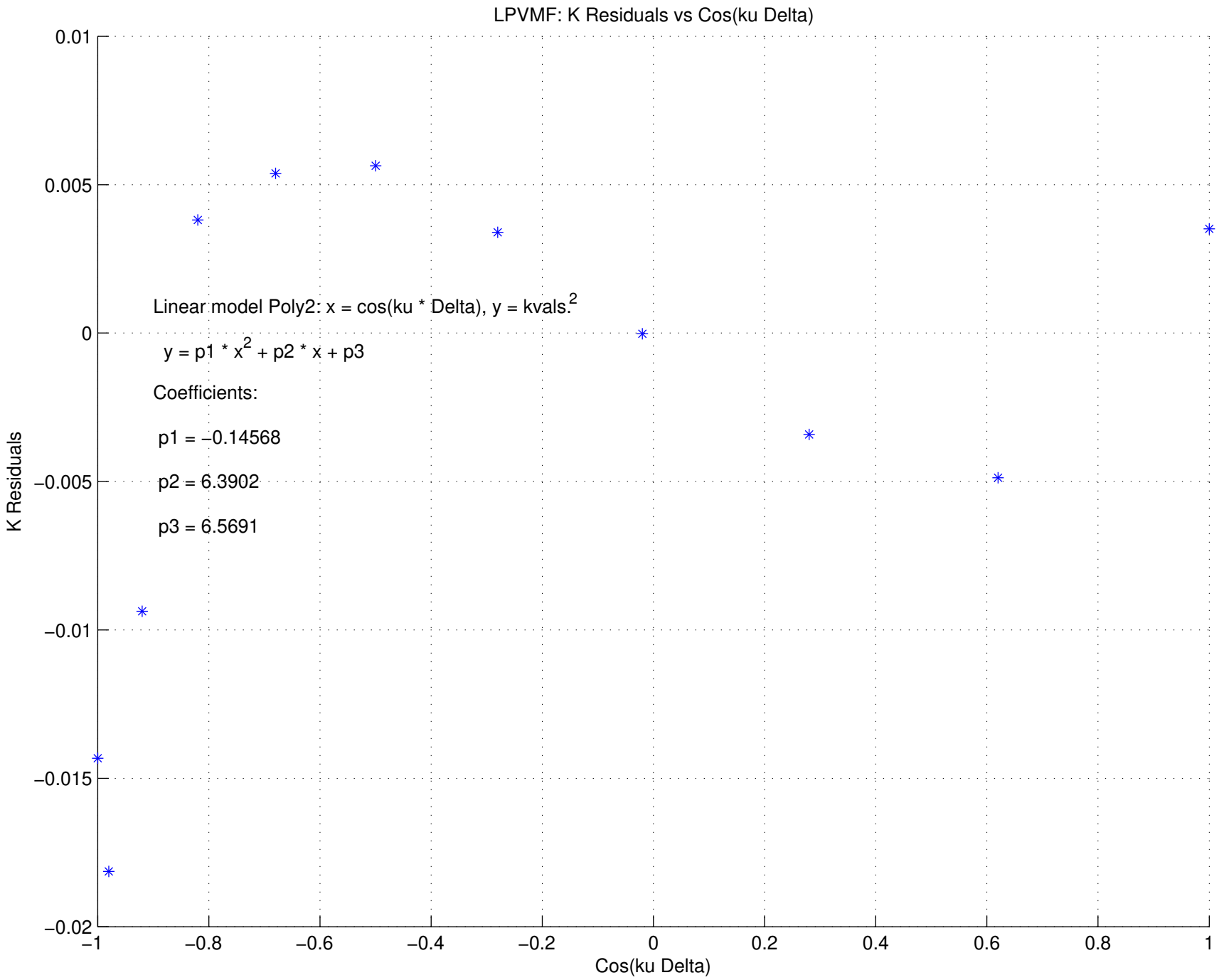
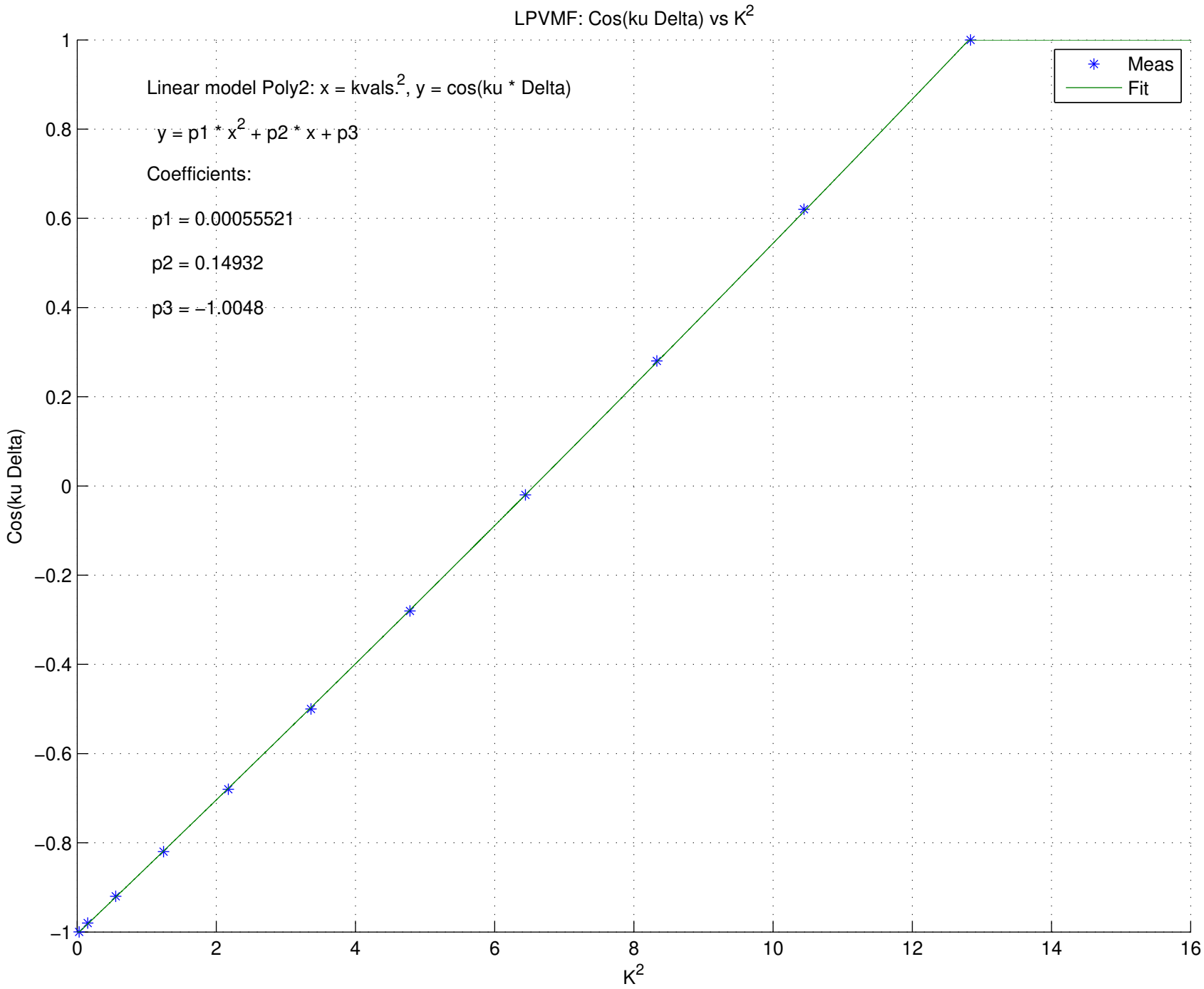
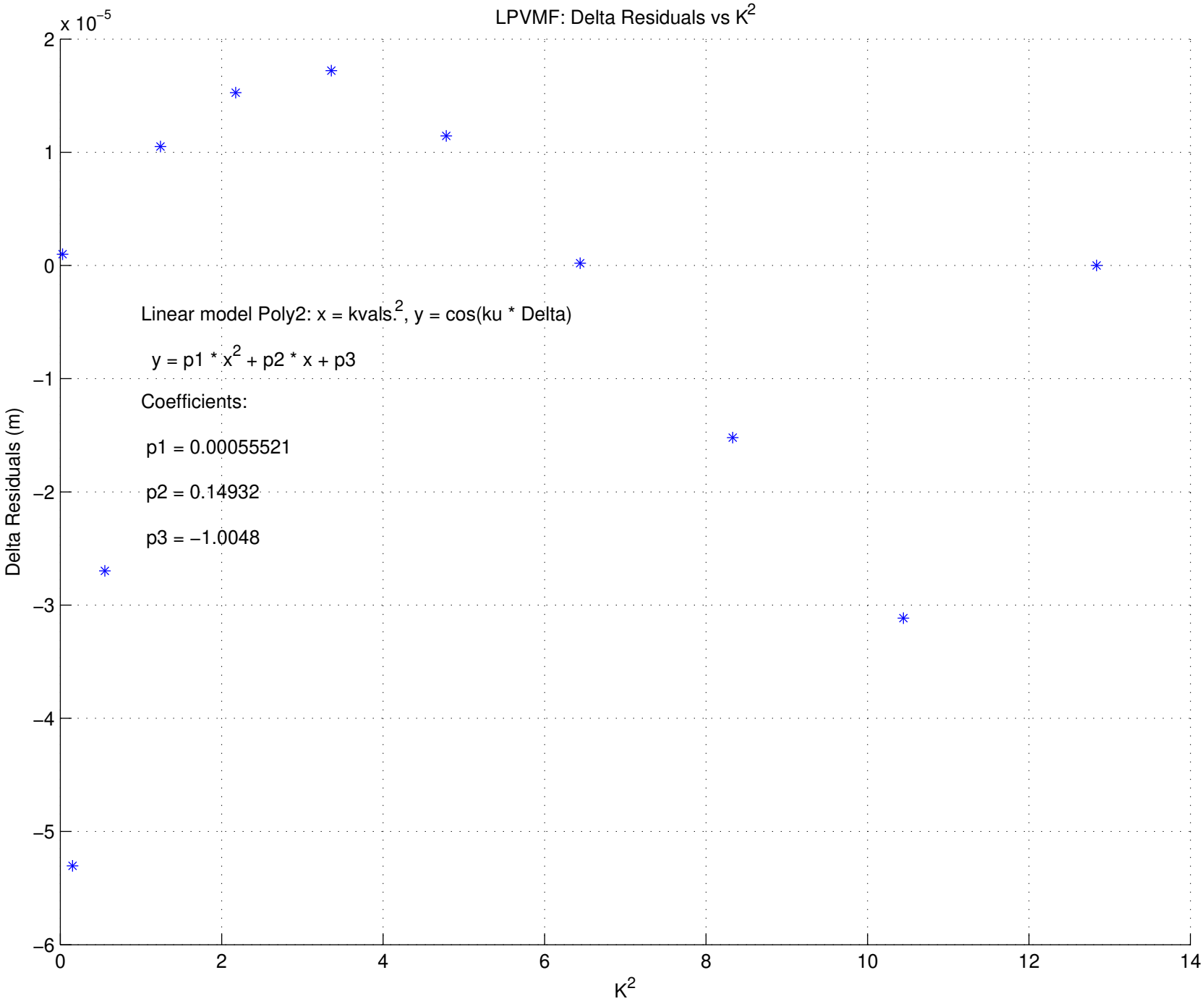
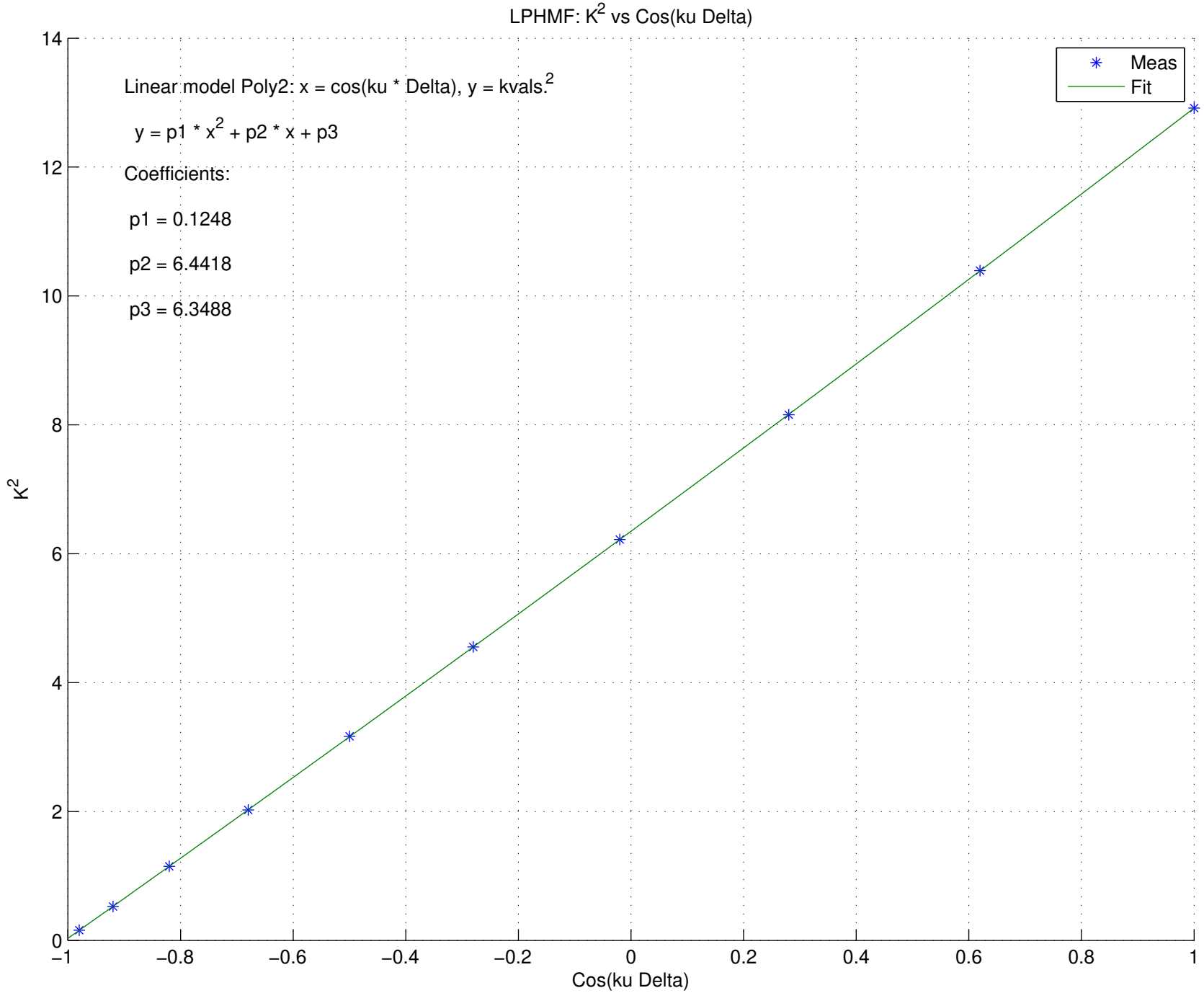
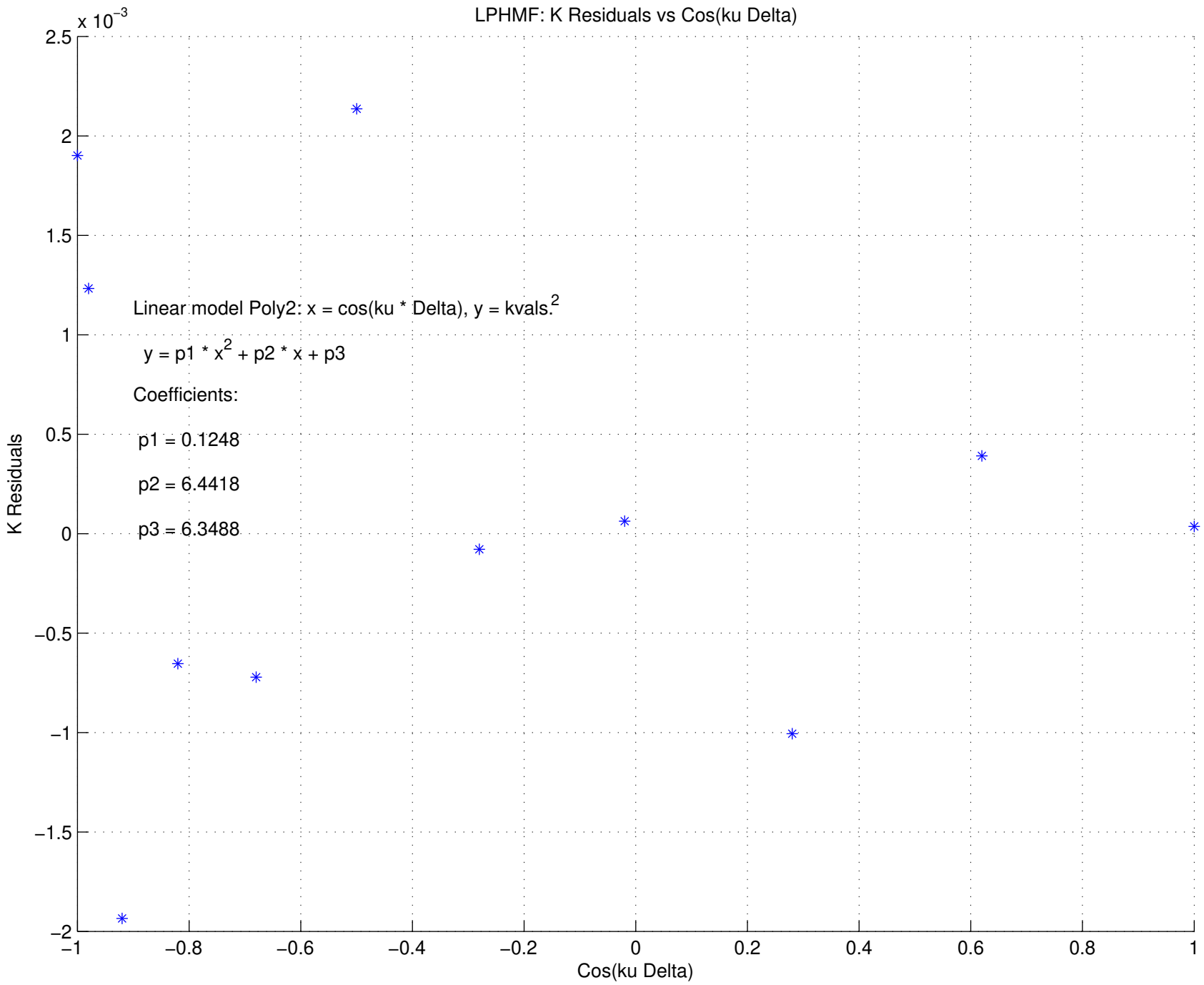

LPVMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.14568
p2 = 6.3902
p3 = 6.5691
Meas
Fit
K2
Cos(ku Delta)
14
12
10
8
6
4
2
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

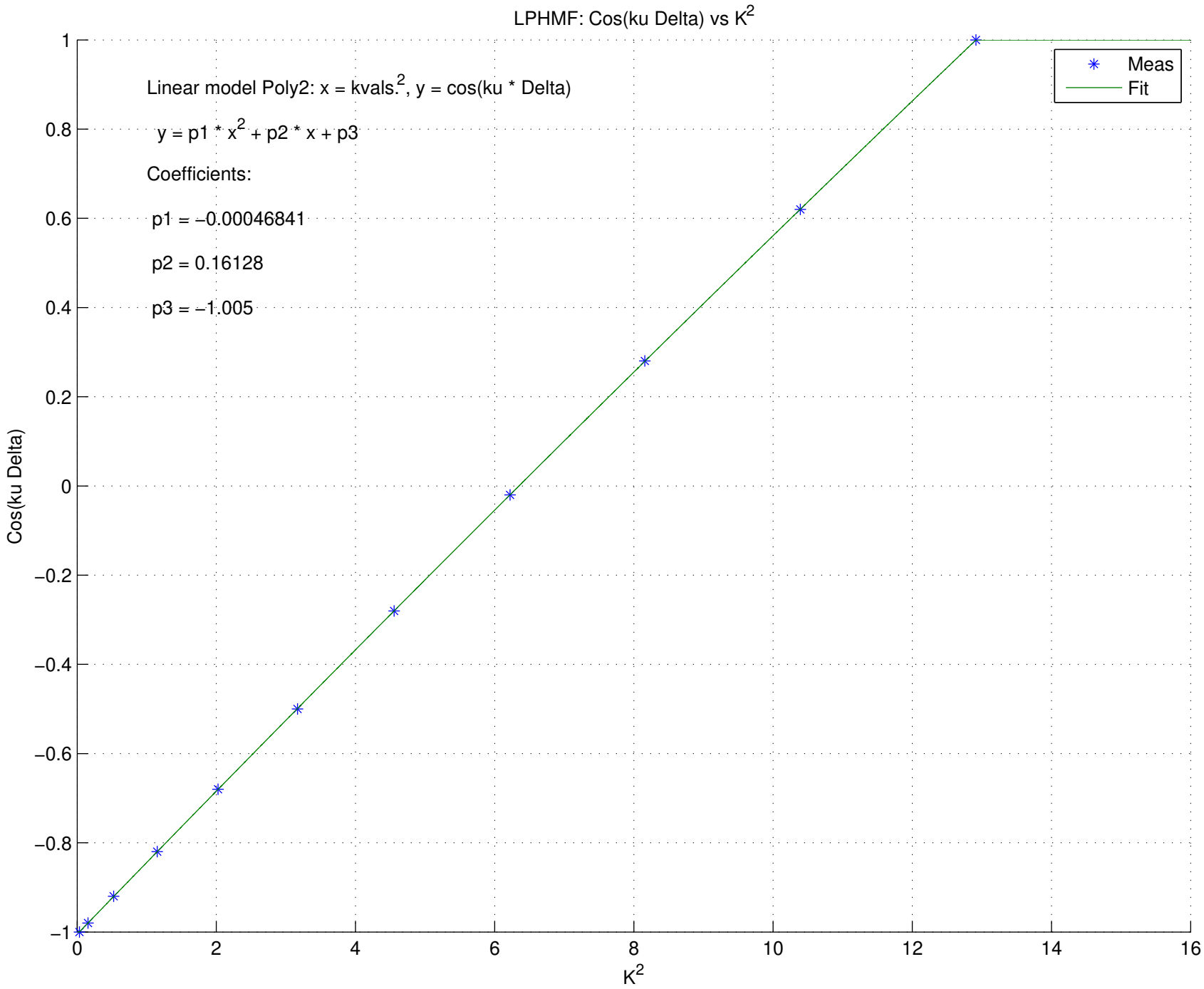

LPVMF: K Residuals vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.14568
p2 = 6.3902
p3 = 6.5691
K Residuals
Cos(ku Delta)
0.01
0.005
0
−0.005
−0.01
−0.015
−0.02
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

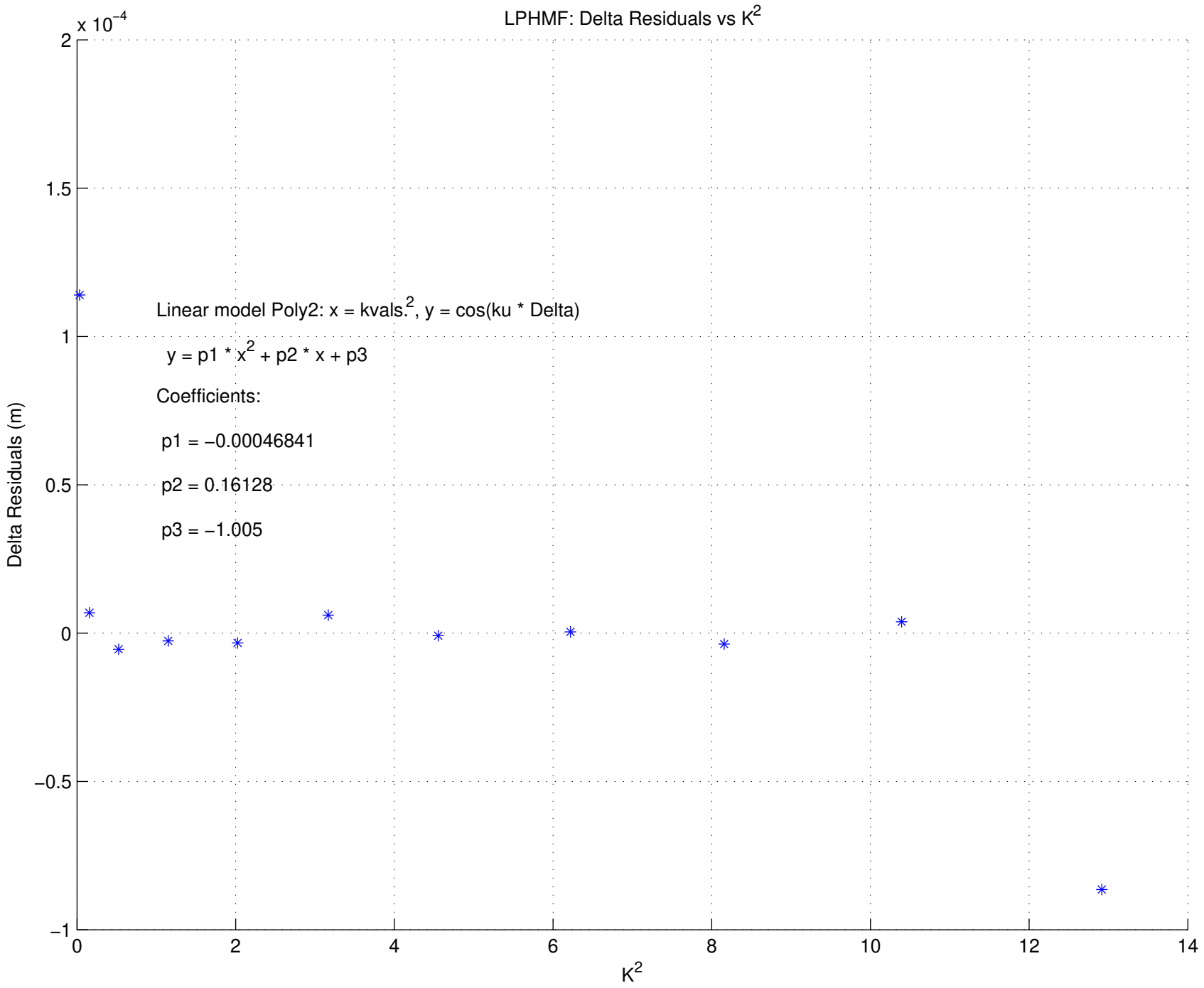

LPVMF: Cos(ku Delta) vs K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00055521
p2 = 0.14932
p3 = −1.0048
Meas
Fit
Cos(ku Delta)
K2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
2
4
6
8
10
12
14
16

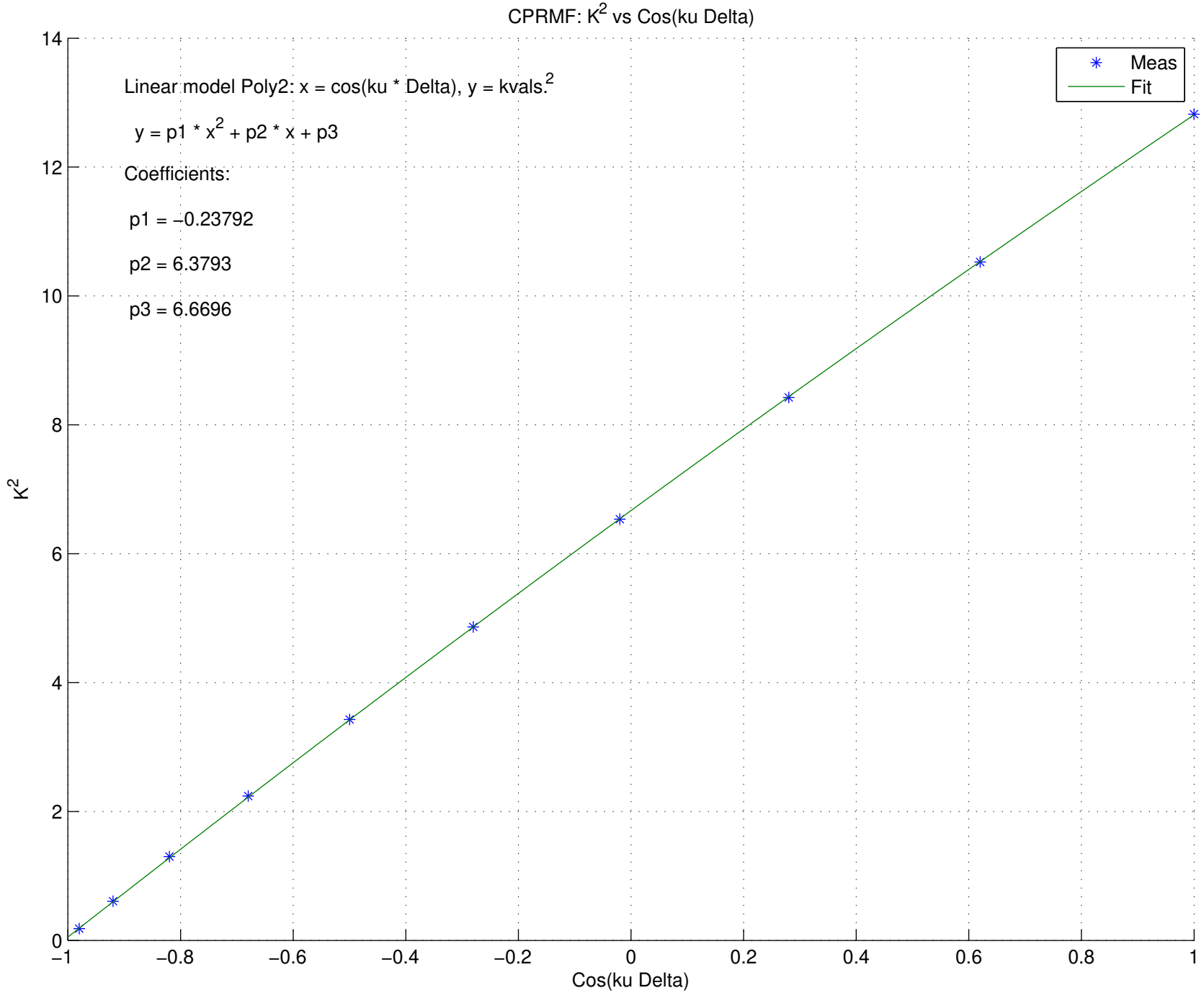

LPVMF: Delta Residuals vs K2
x 10−5
Delta Residuals (m)
K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00055521
p2 = 0.14932
p3 = −1.0048
2
1
0
−1
−2
−3
−4
−5
−6
0
2
4
6
8
10
12
14

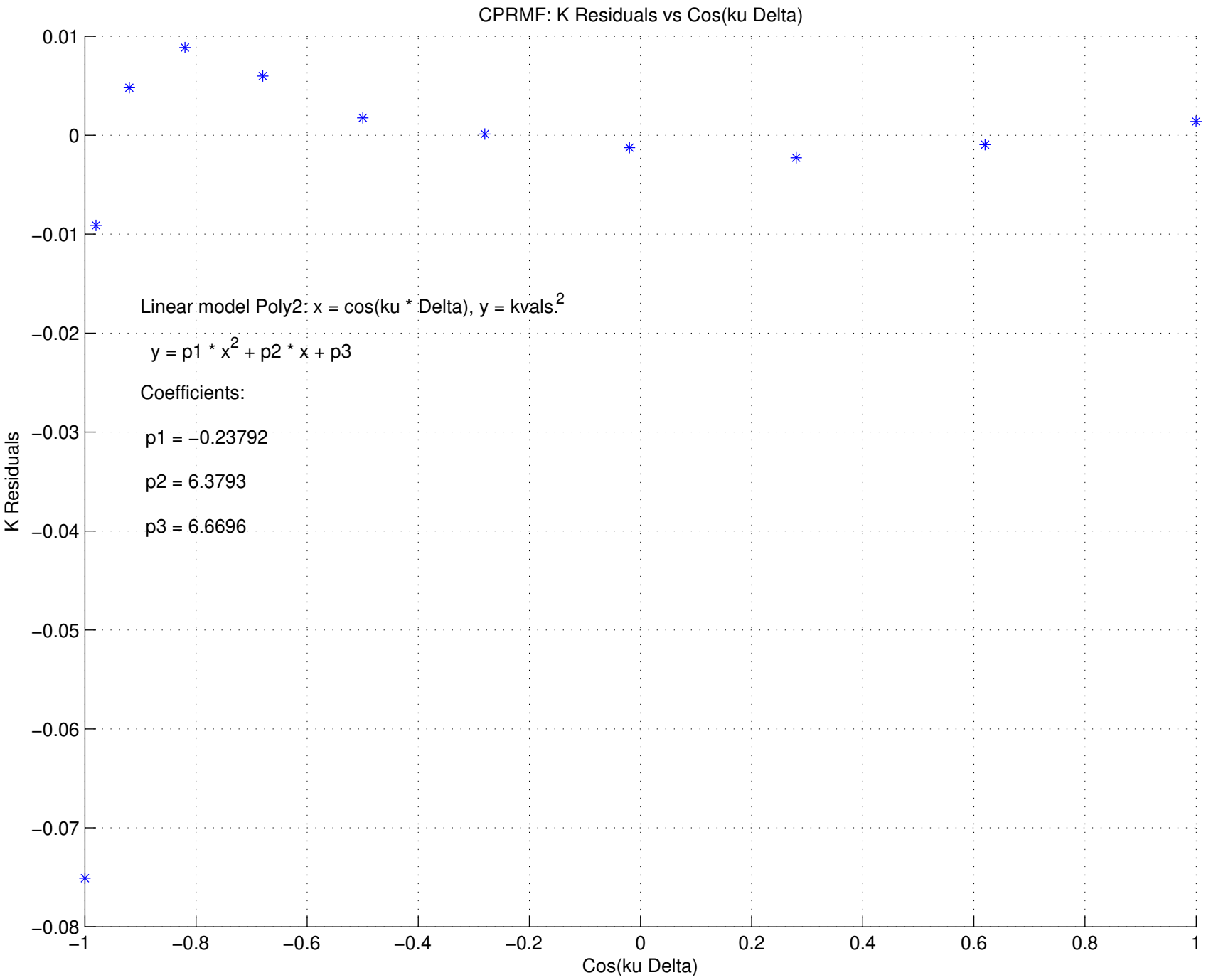

LPHMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.1248
p2 = 6.4418
p3 = 6.3488
Meas
Fit
K2
Cos(ku Delta)
14
12
10
8
6
4
2
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

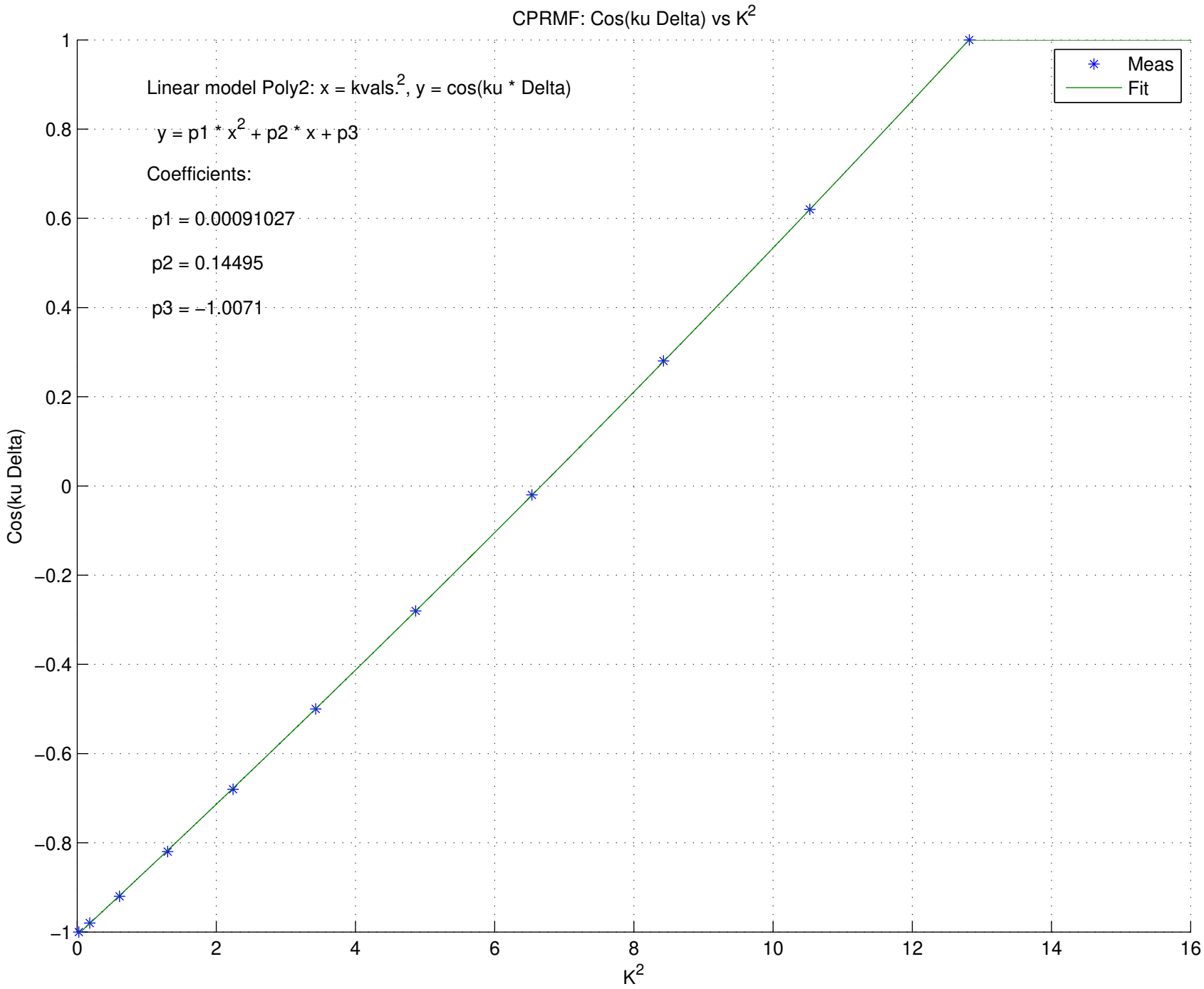

LPHMF: K Residuals vs Cos(ku Delta)
x 10^-3
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
K Residuals
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.^2
y = p1 * x^2 + p2 * x + p3
Coefficients:
p1 = 0.1248
p2 = 6.4418
p3 = 6.3488

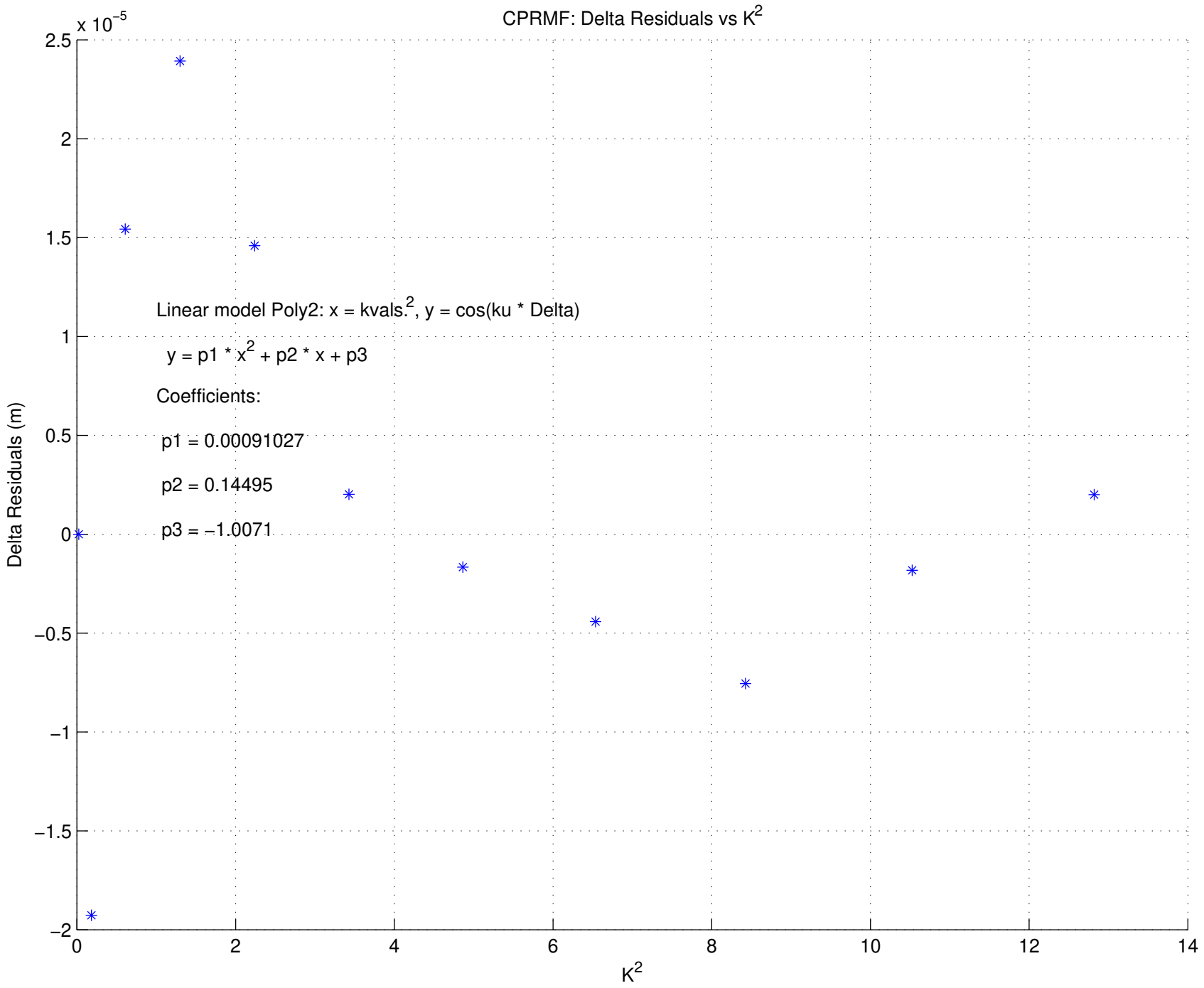

LPHMF: Cos(ku Delta) vs K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.00046841
p2 = 0.16128
p3 = −1.005
Meas
Fit
Cos(ku Delta)
K2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
2
4
6
8
10
12
14
16

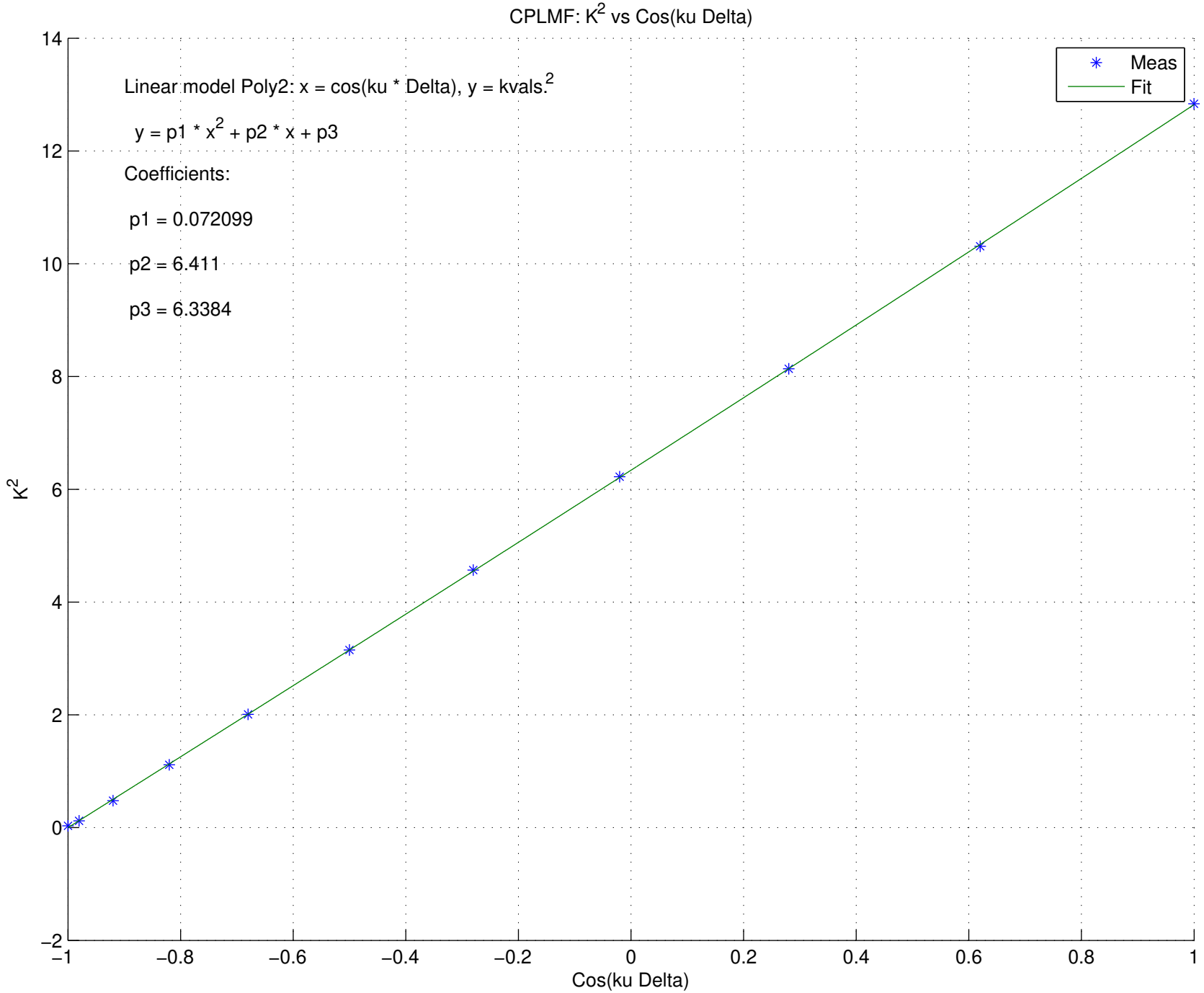

LPHMF: Delta Residuals vs K2
x 10−4
2
1.5
1
0.5
0
−0.5
−1
Delta Residuals (m)
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.00046841
p2 = 0.16128
p3 = −1.005
0
2
4
6
8
10
12
14
K2

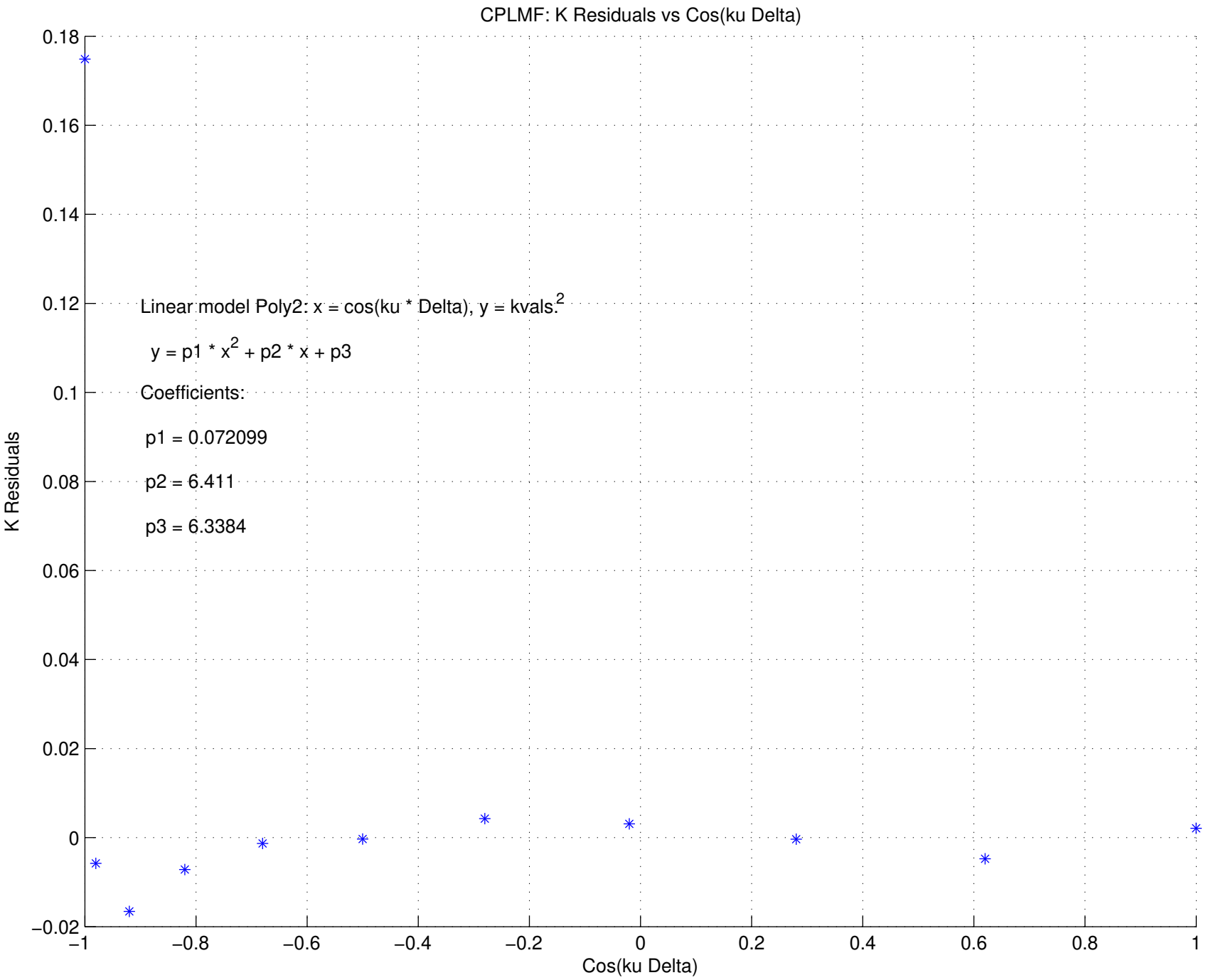

CPRMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.23792
p2 = 6.3793
p3 = 6.6696
Meas
Fit
K2
Cos(ku Delta)
14
12
10
8
6
4
2
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

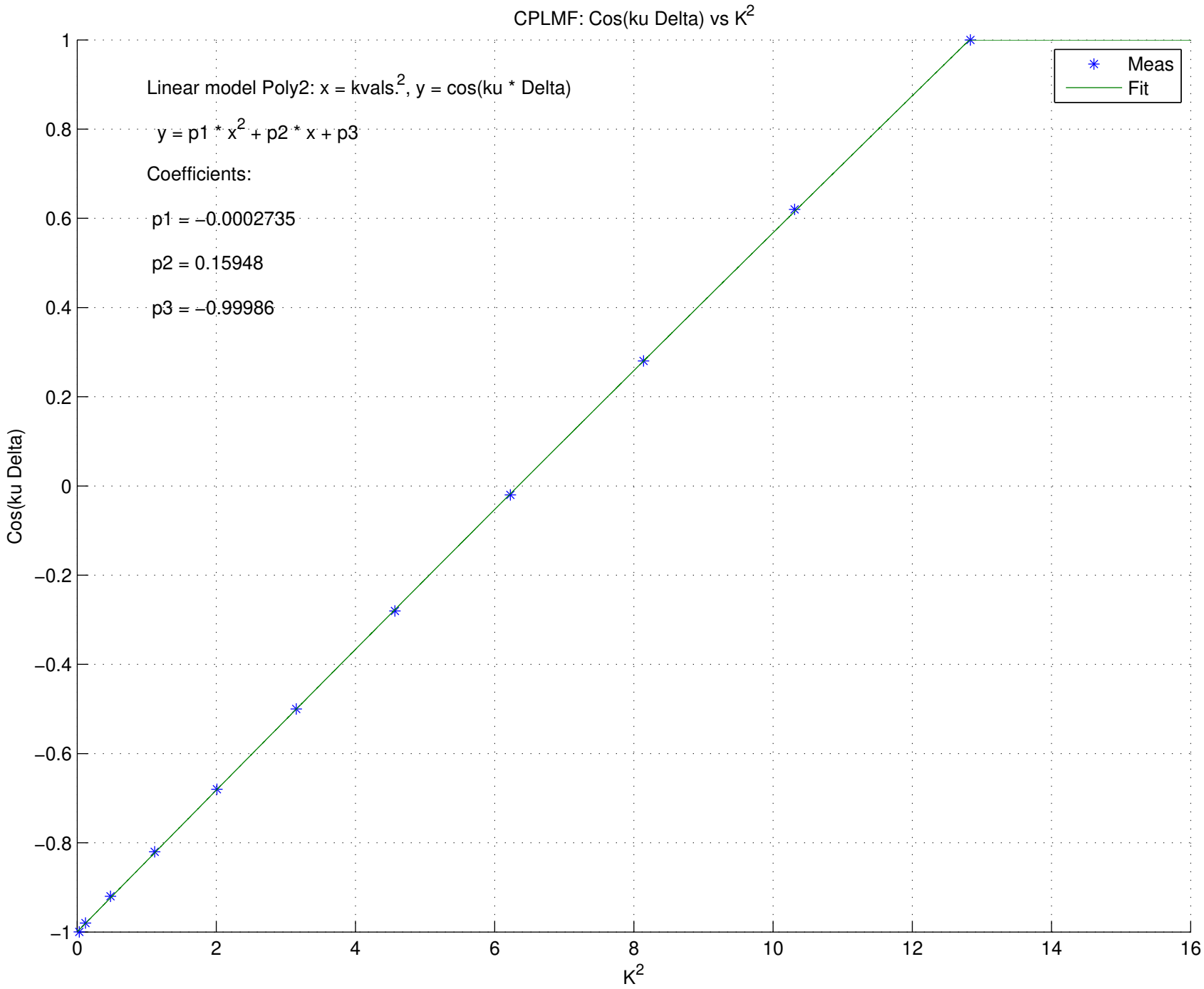

CPRMF: K Residuals vs Cos(ku Delta)
K Residuals
Cos(ku Delta)
0.01
0
−0.01
−0.02
−0.03
−0.04
−0.05
−0.06
−0.07
−0.08
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.23792
p2 = 6.3793
p3 = 6.6696

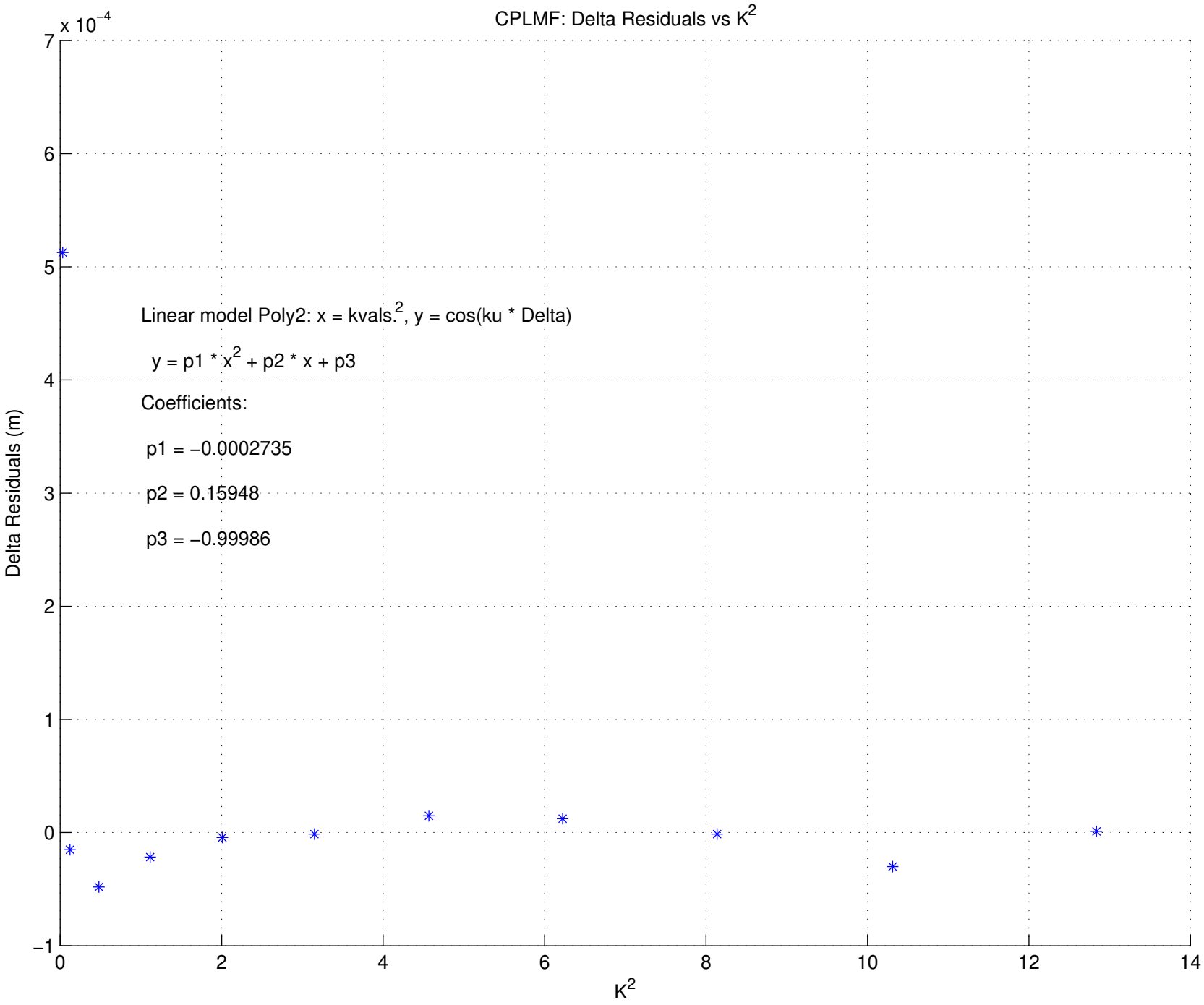

CPRMF: Cos(ku Delta) vs K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00091027
p2 = 0.14495
p3 = −1.0071
Meas
Fit
Cos(ku Delta)
K2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
2
4
6
8
10
12
14
16


CPRMF: Delta Residuals vs K2
x 10−5
2.5
2
1.5
1
0.5
0
−0.5
−1
−1.5
−2
Delta Residuals (m)
0
2
4
6
8
10
12
14
K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00091027
p2 = 0.14495
p3 = −1.0071


CPLMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.072099
p2 = 6.411
p3 = 6.3384
Meas
Fit
K2
Cos(ku Delta)
14
12
10
8
6
4
2
0
−2
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1


CPLMF: K Residuals vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.^2
y = p1 * x^2 + p2 * x + p3
Coefficients:
p1 = 0.072099
p2 = 6.411
p3 = 6.3384
K Residuals
Cos(ku Delta)
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
−0.02
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1


CPLMF: Cos(ku Delta) vs K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.0002735
p2 = 0.15948
p3 = −0.99986
Meas
Fit
Cos(ku Delta)
K2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
2
4
6
8
10
12
14
16


CPLMF: Delta Residuals vs K2
x 10−4
7
6
5
4
3
2
1
0
−1
Delta Residuals (m)
0
2
4
6
8
10
12
14
K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.0002735
p2 = 0.15948
p3 = −0.99986