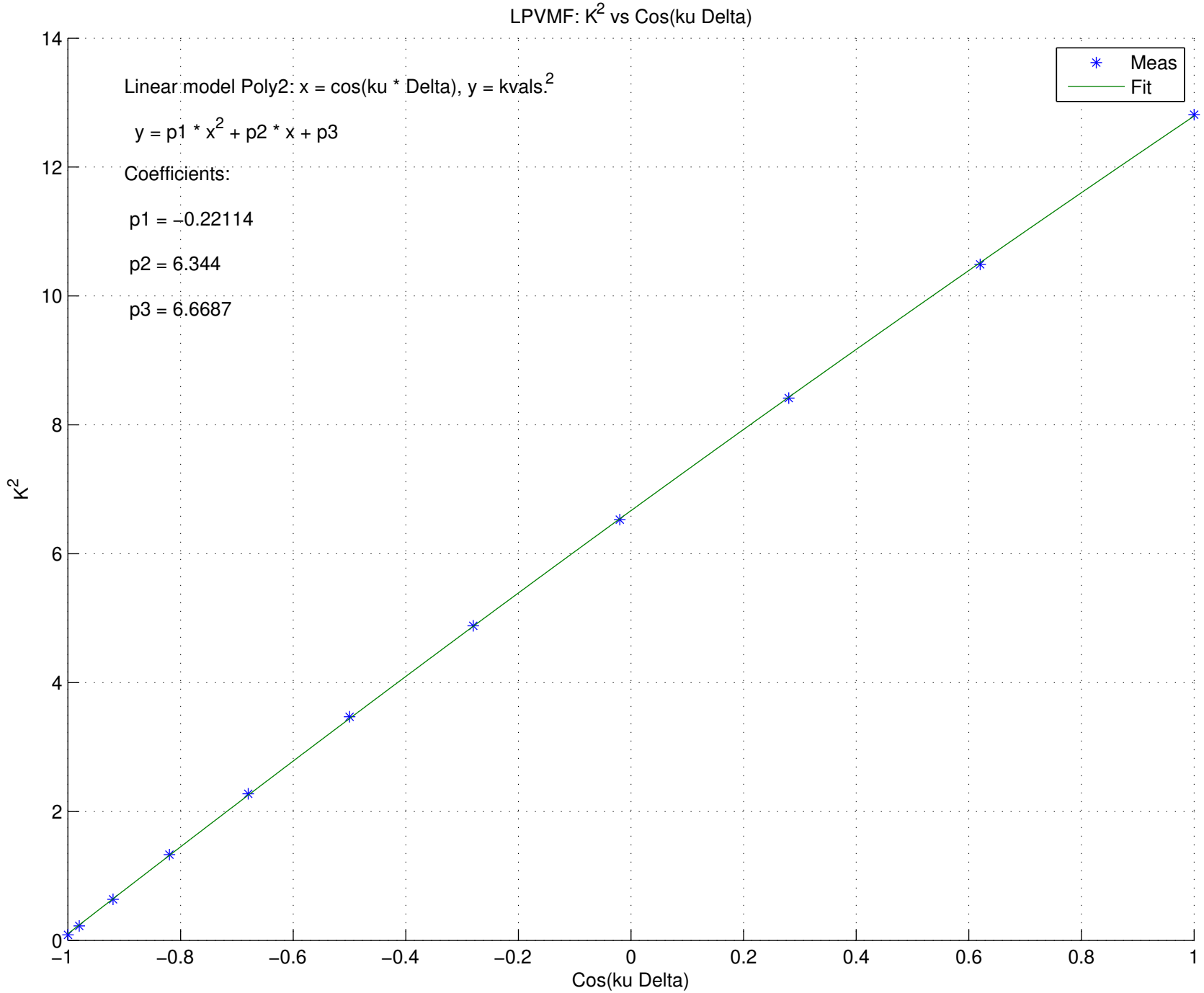
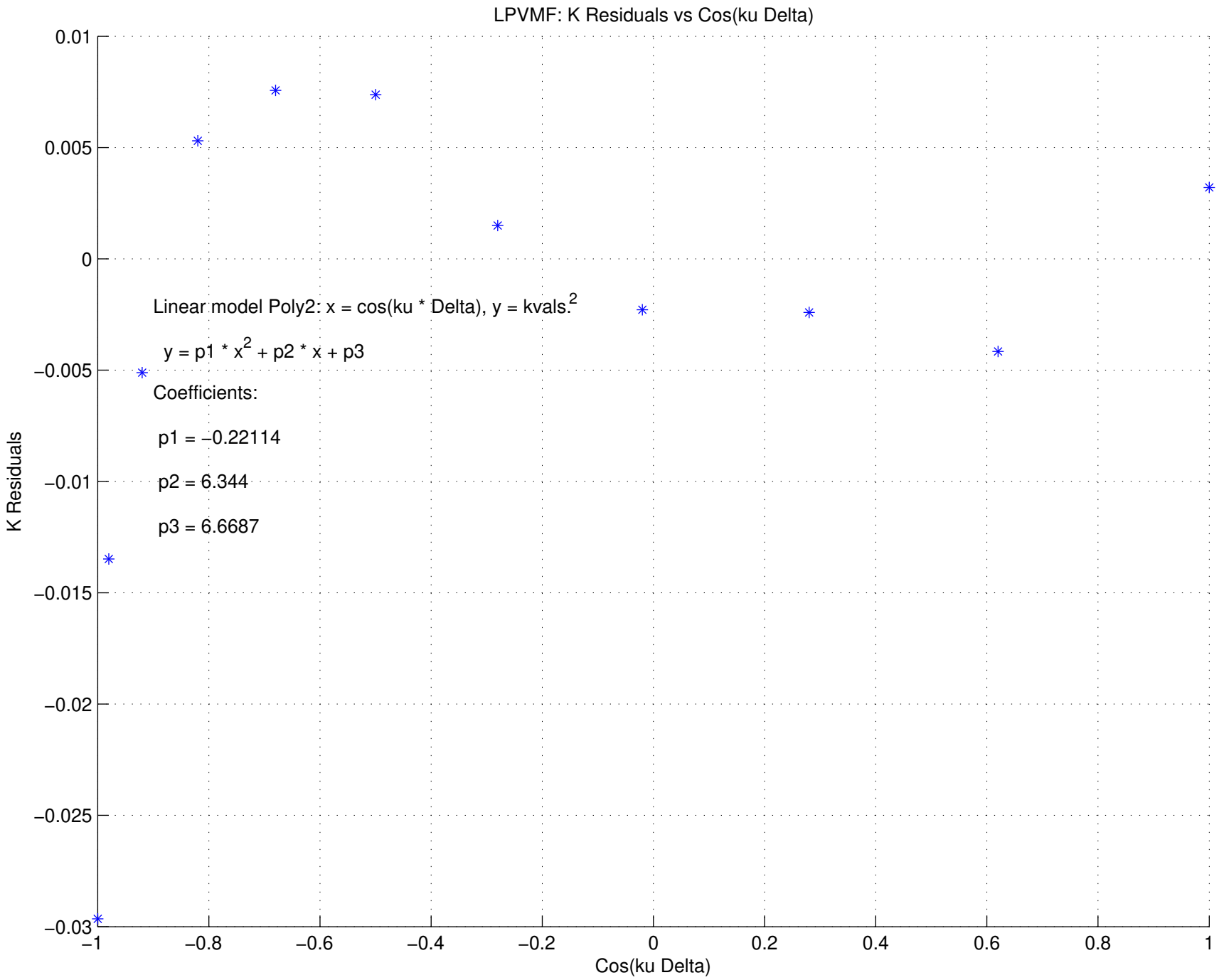
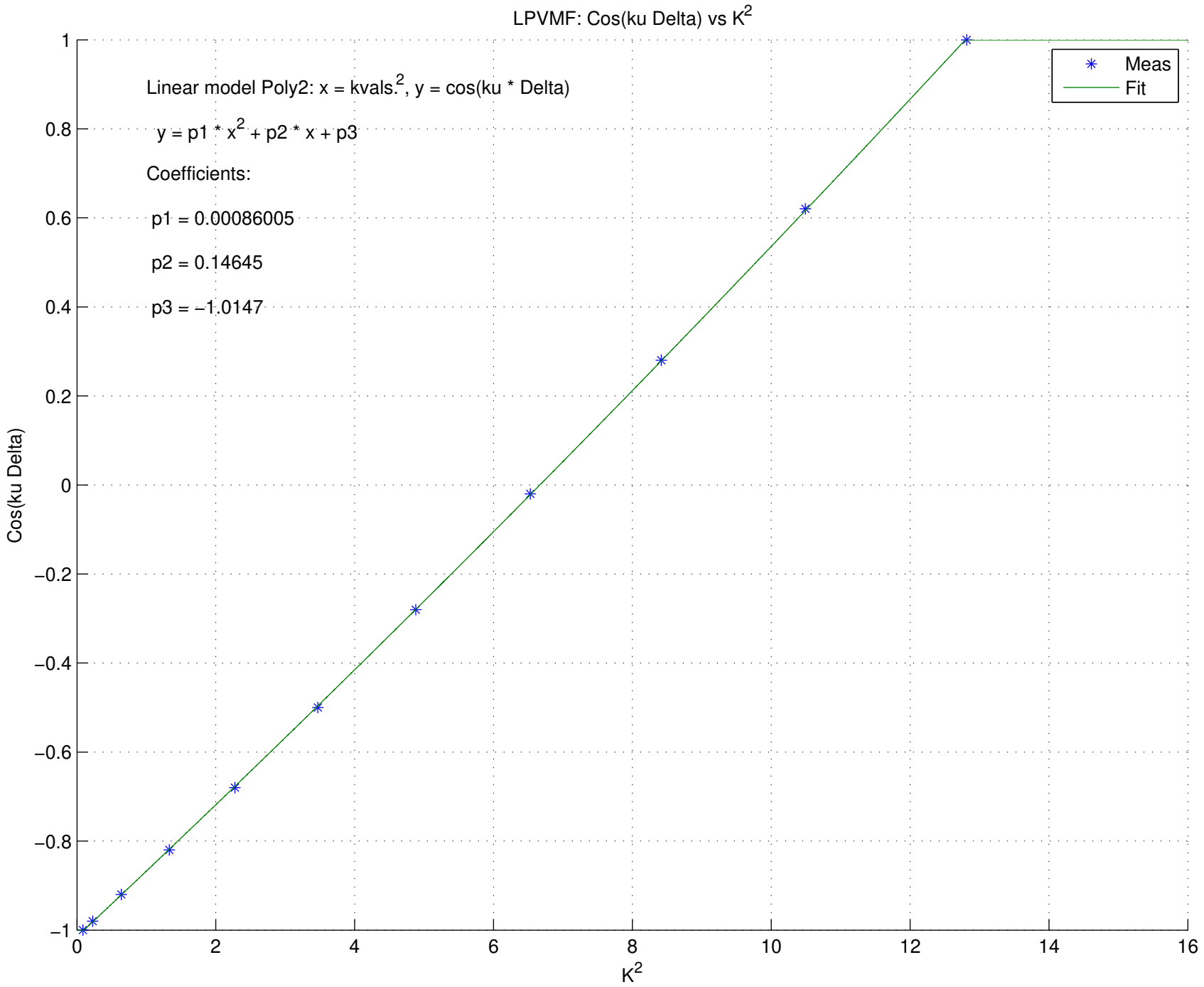
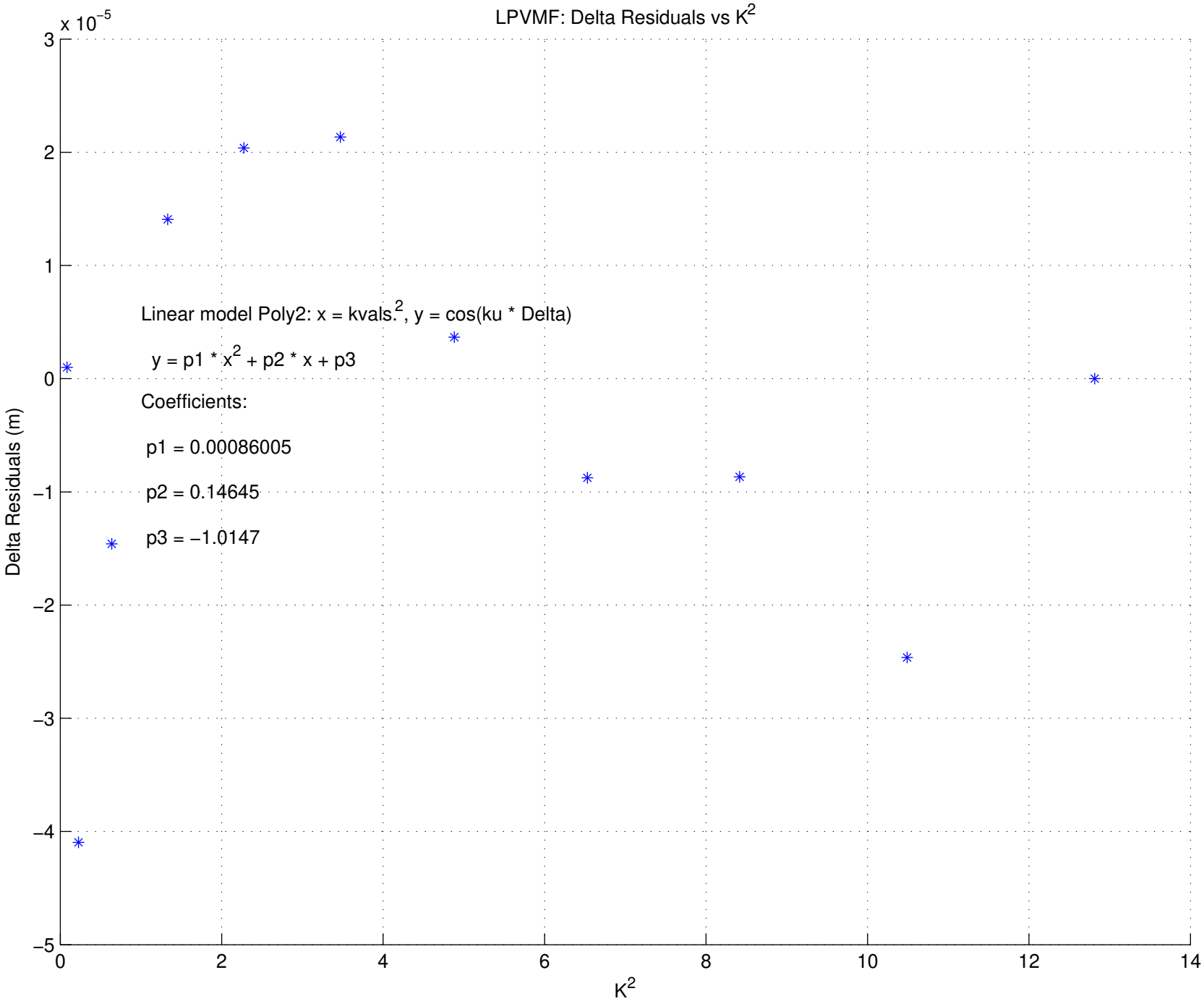
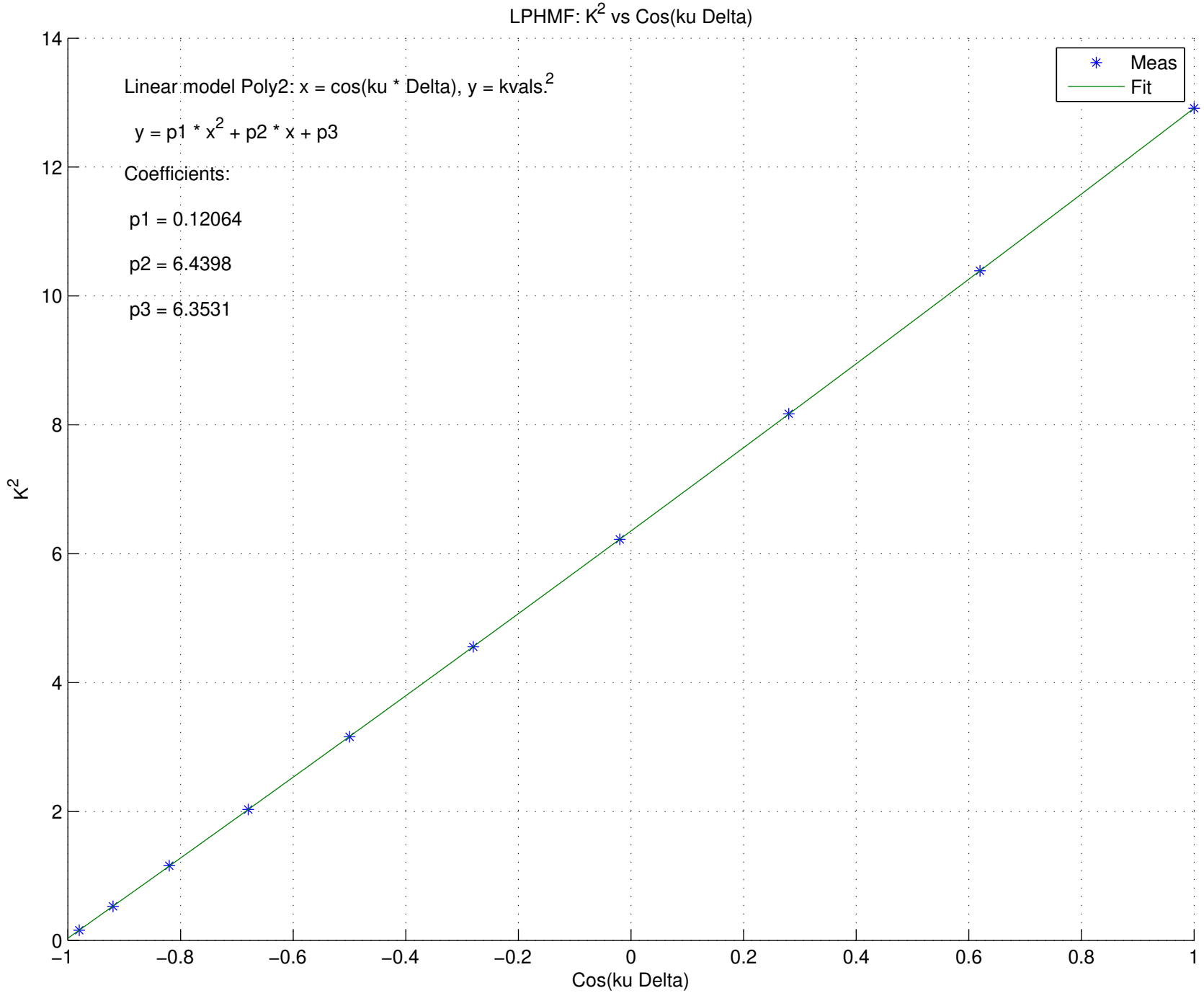
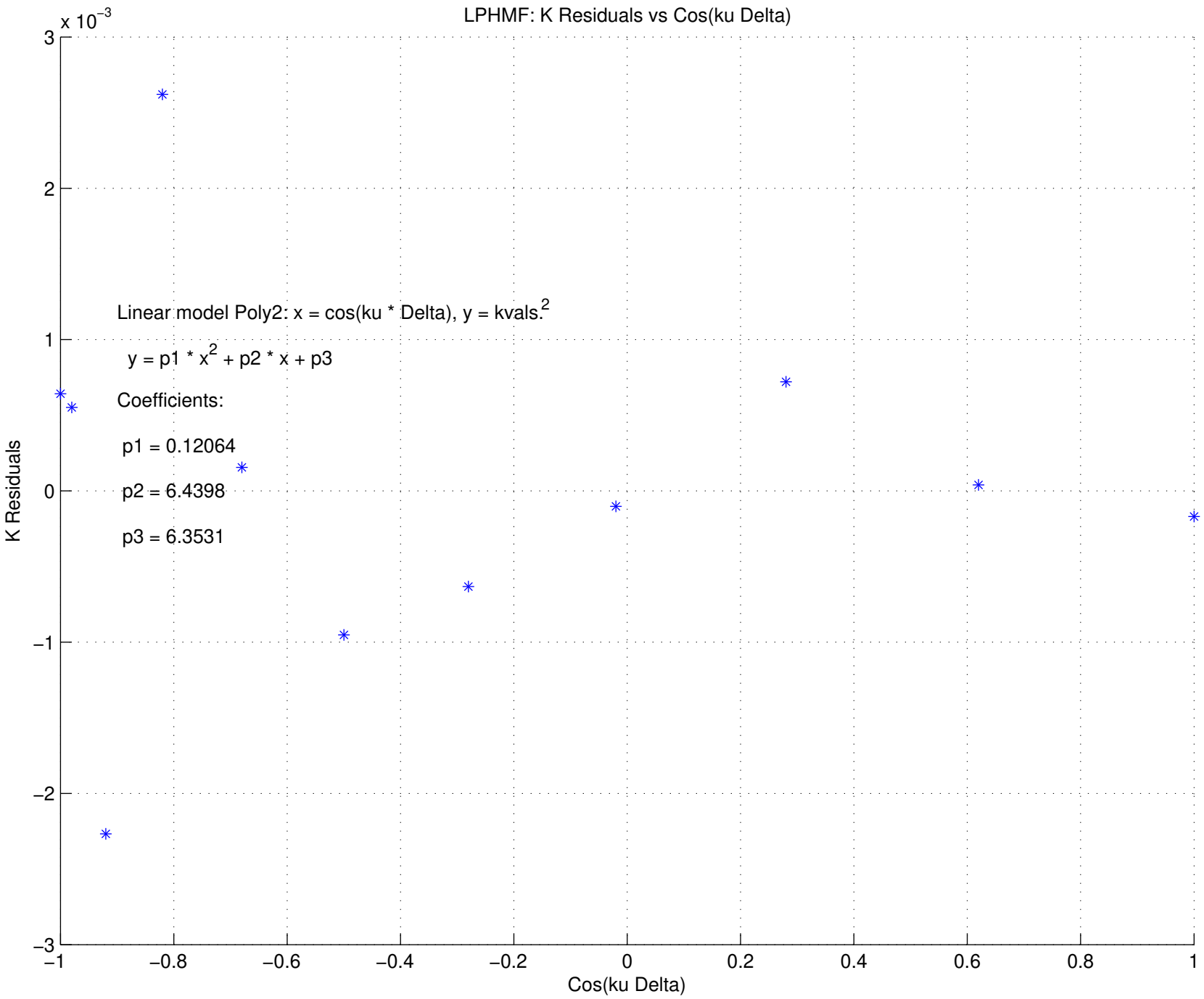

LPVMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.22114
p2 = 6.344
p3 = 6.6687
Meas
Fit
K2
Cos(ku Delta)
14
12
10
8
6
4
2
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

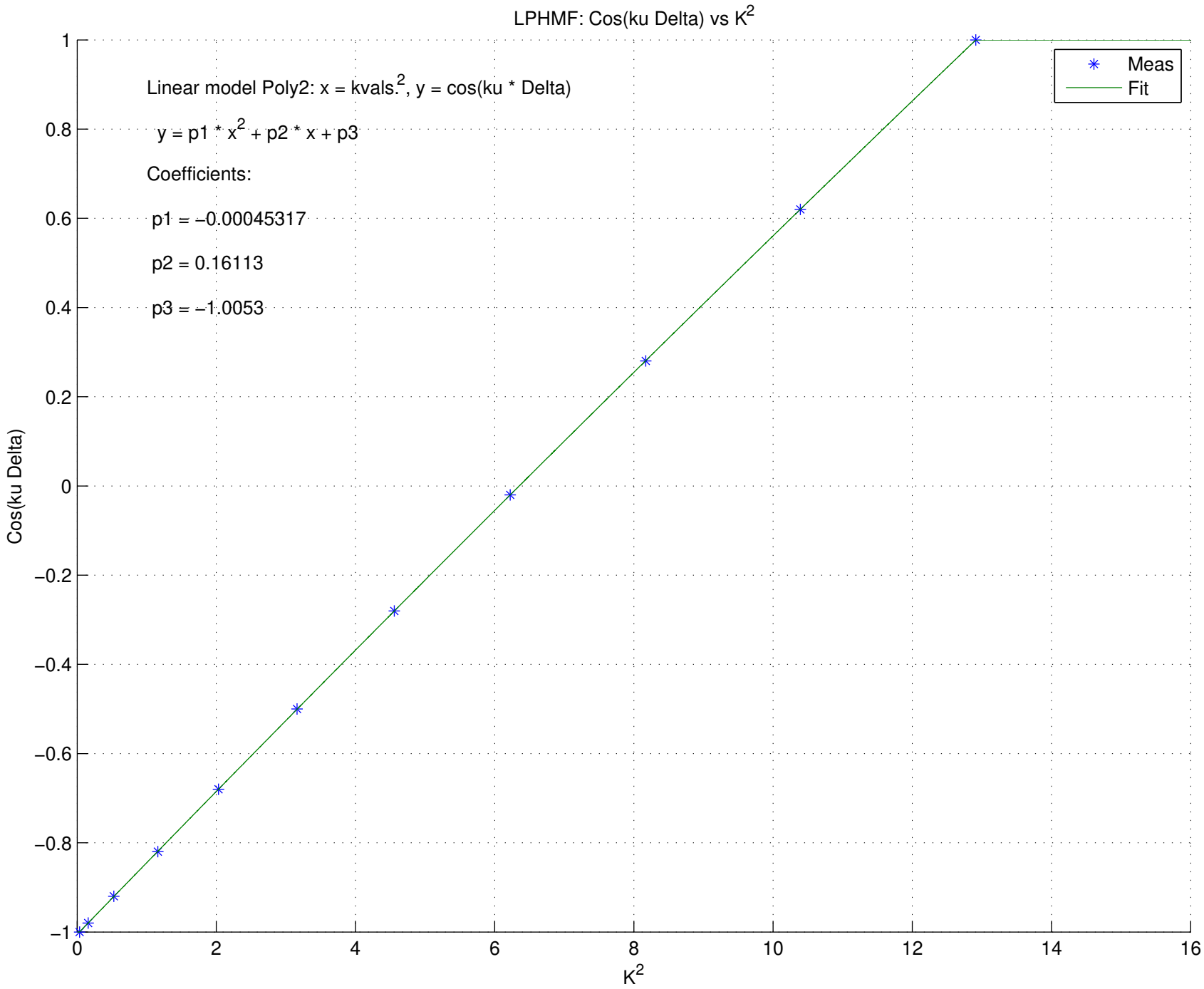

LPVMF: K Residuals vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.^2
y = p1 * x^2 + p2 * x + p3
Coefficients:
p1 = −0.22114
p2 = 6.344
p3 = 6.6687
K Residuals
Cos(ku Delta)
0.01
0.005
0
−0.005
−0.01
−0.015
−0.02
−0.025
−0.03
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

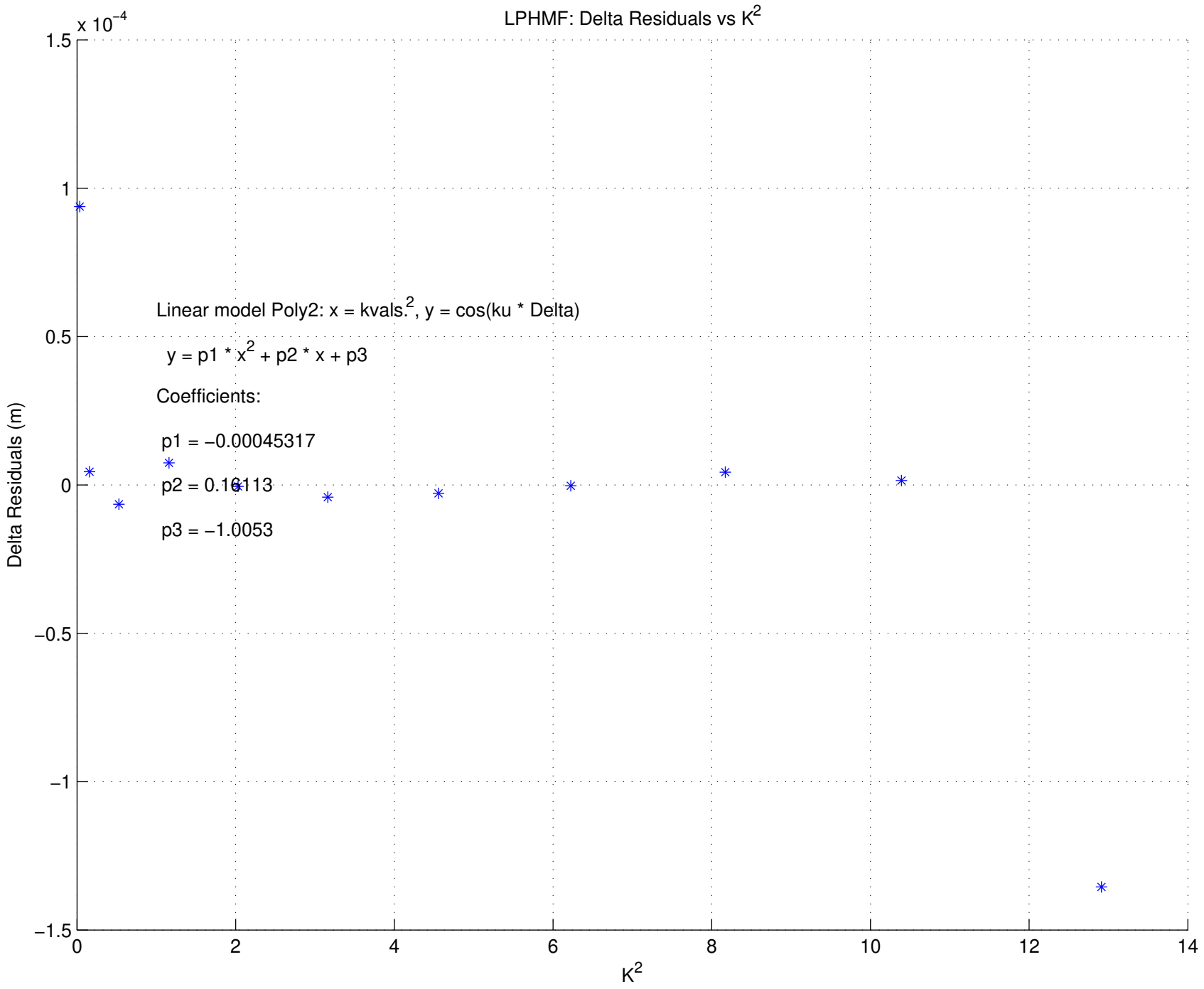

LPVMF: Cos(ku Delta) vs K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00086005
p2 = 0.14645
p3 = −1.0147
Meas
Fit
Cos(ku Delta)
K2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
2
4
6
8
10
12
14
16

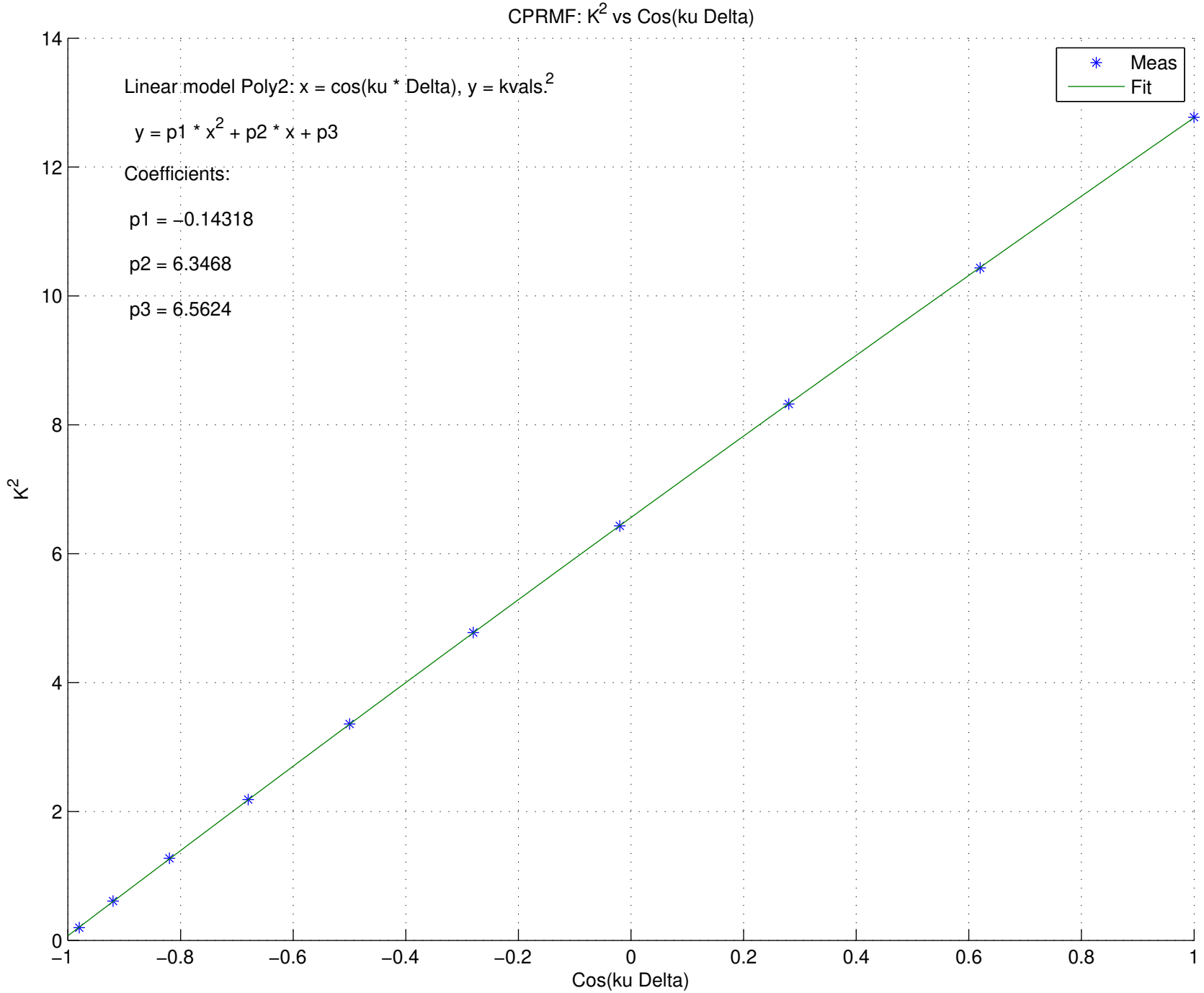

LPVMF: Delta Residuals vs K2
x 10−5
Delta Residuals (m)
K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00086005
p2 = 0.14645
p3 = −1.0147
3
2
1
0
−1
−2
−3
−4
−5
0
2
4
6
8
10
12
14

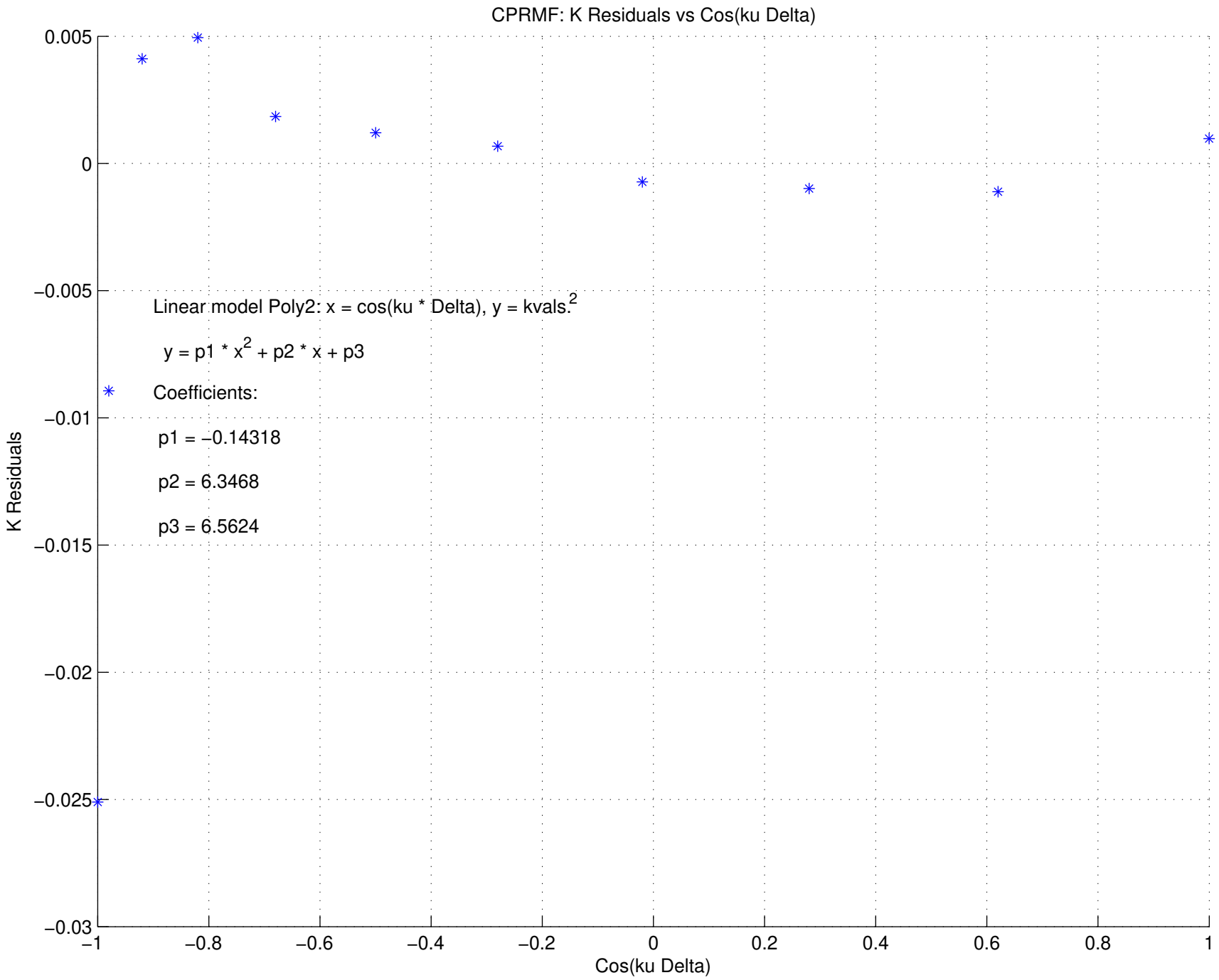

LPHMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.12064
p2 = 6.4398
p3 = 6.3531
Meas
Fit
K2
Cos(ku Delta)
14
12
10
8
6
4
2
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

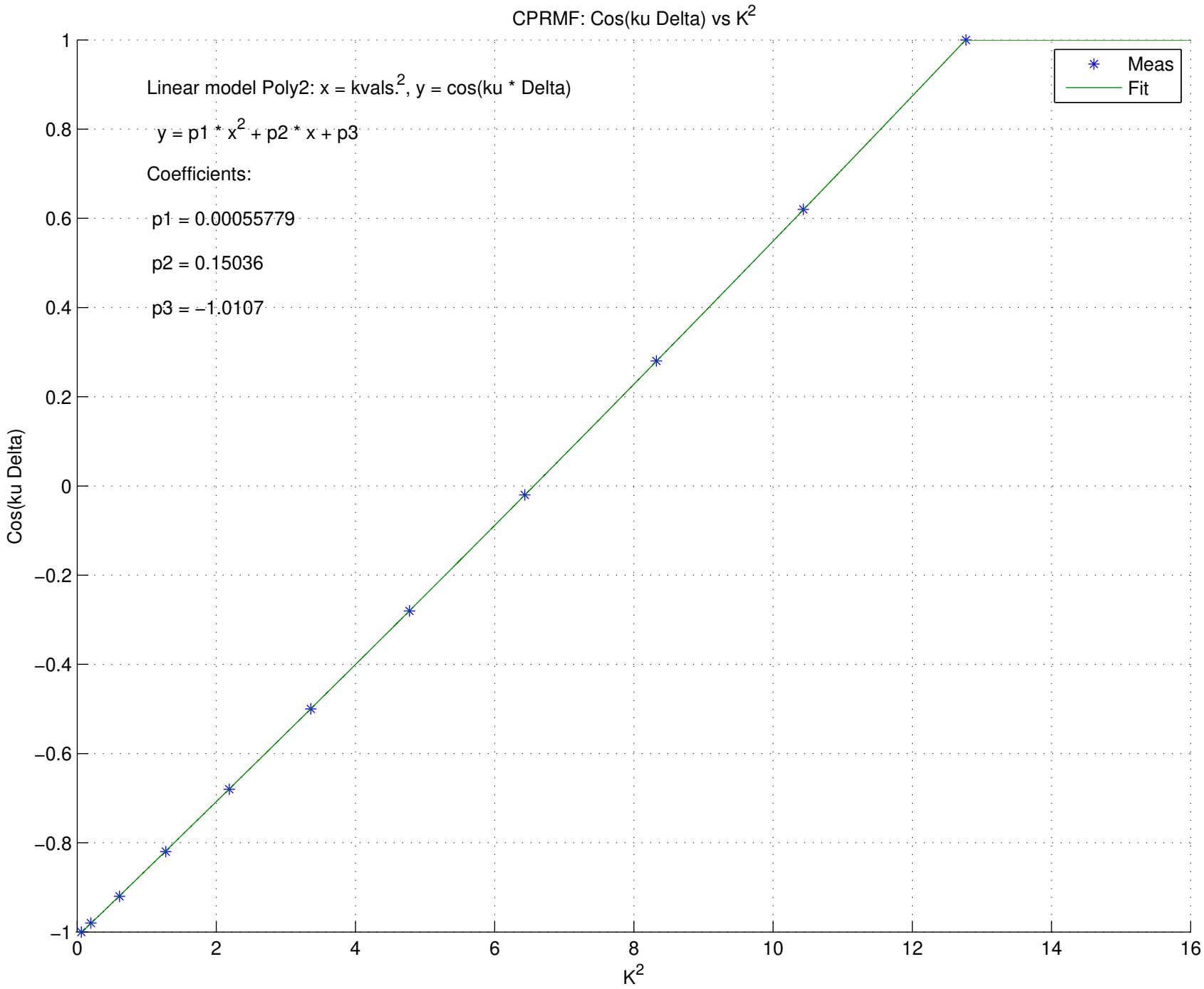

LPHMF: K Residuals vs Cos(ku Delta)
x 10^-3
3
2
1
0
−1
−2
−3
K Residuals
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.^2
y = p1 * x^2 + p2 * x + p3
Coefficients:
p1 = 0.12064
p2 = 6.4398
p3 = 6.3531

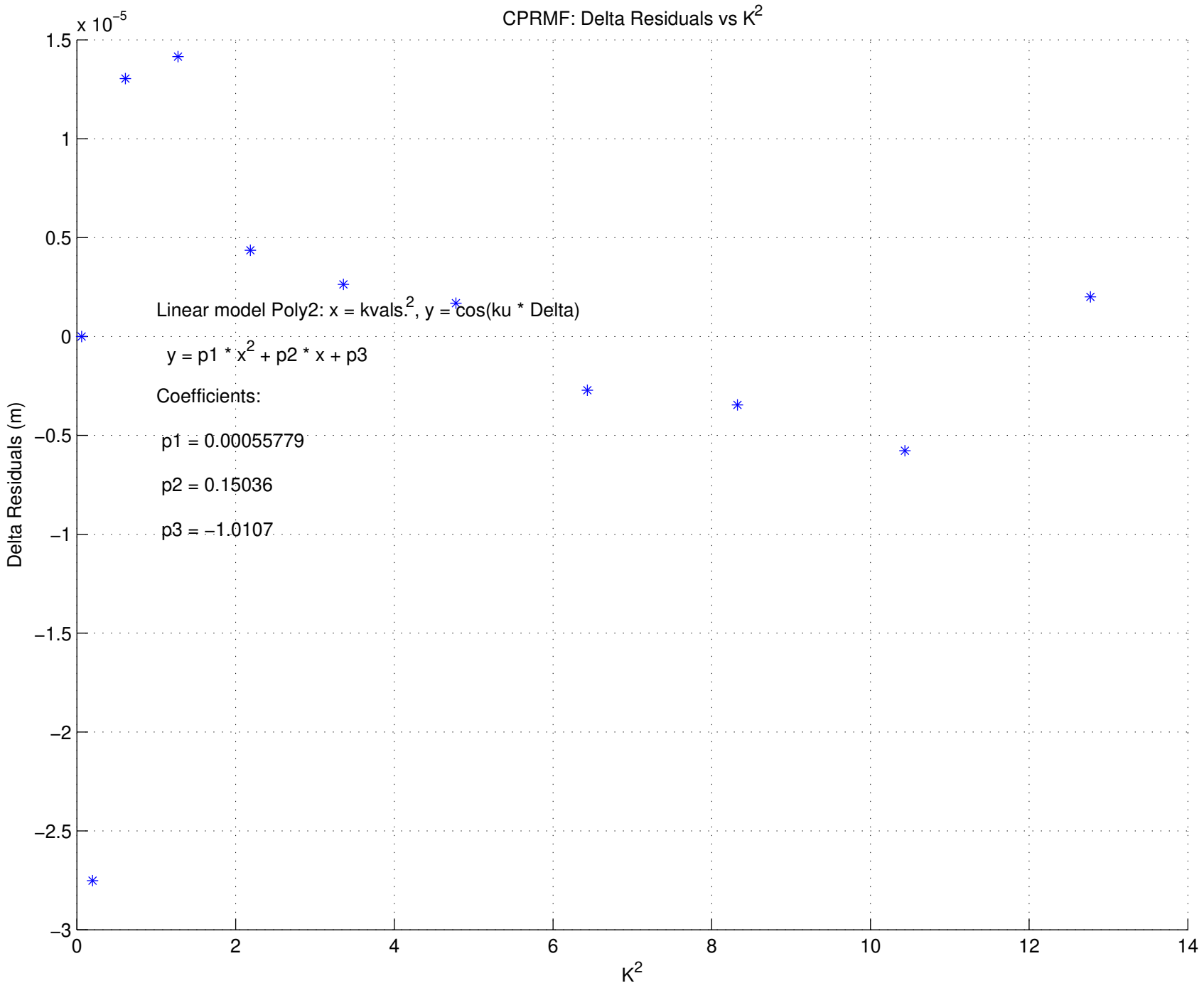

LPHMF: Cos(ku Delta) vs K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.00045317
p2 = 0.16113
p3 = −1.0053
Meas
Fit
Cos(ku Delta)
K2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
2
4
6
8
10
12
14
16

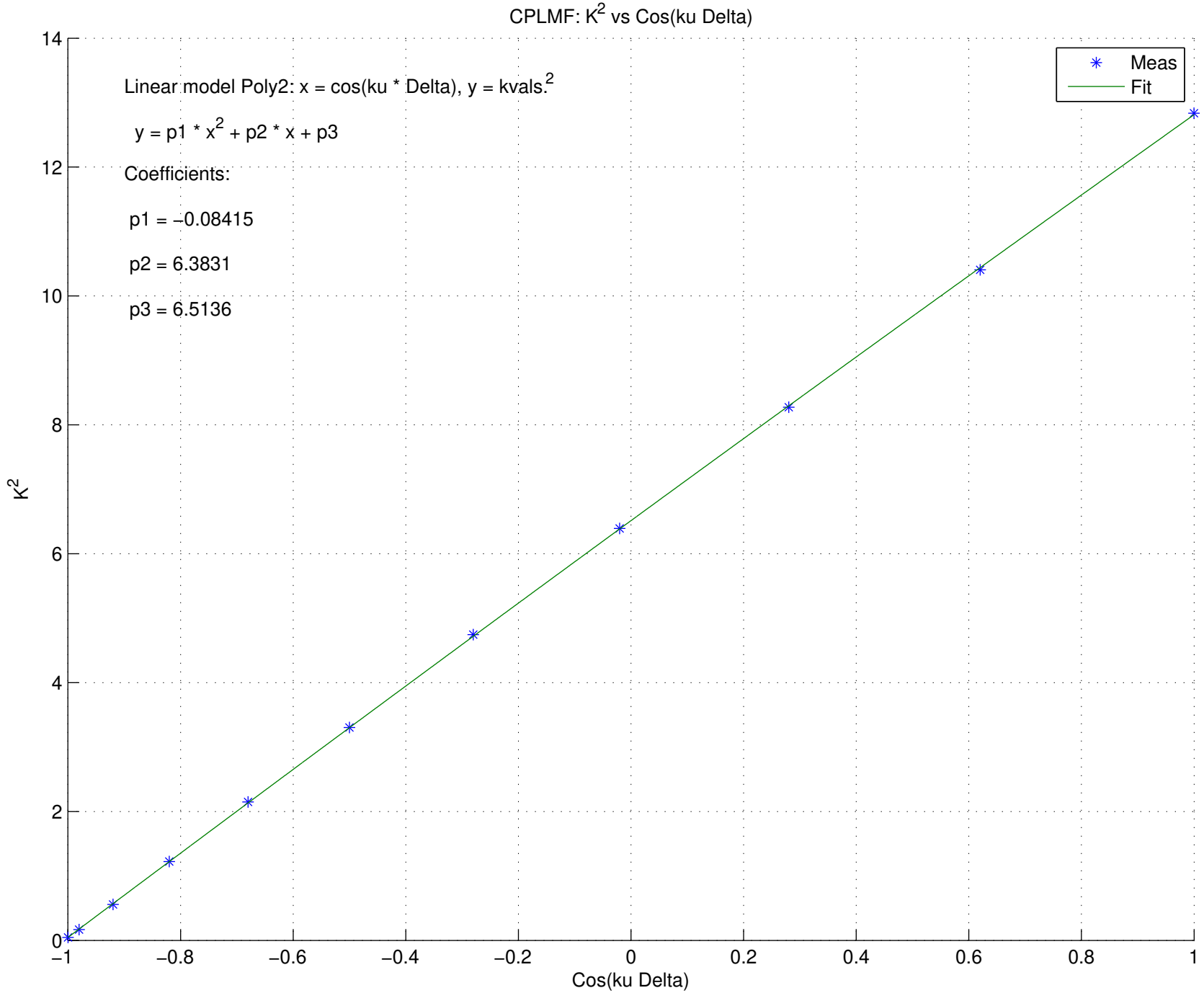

LPHMF: Delta Residuals vs K2
x 10−4
1.5
1
0.5
0
−0.5
−1
−1.5
Delta Residuals (m)
0
2
4
6
8
10
12
14
K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.00045317
p2 = 0.16113
p3 = −1.0053

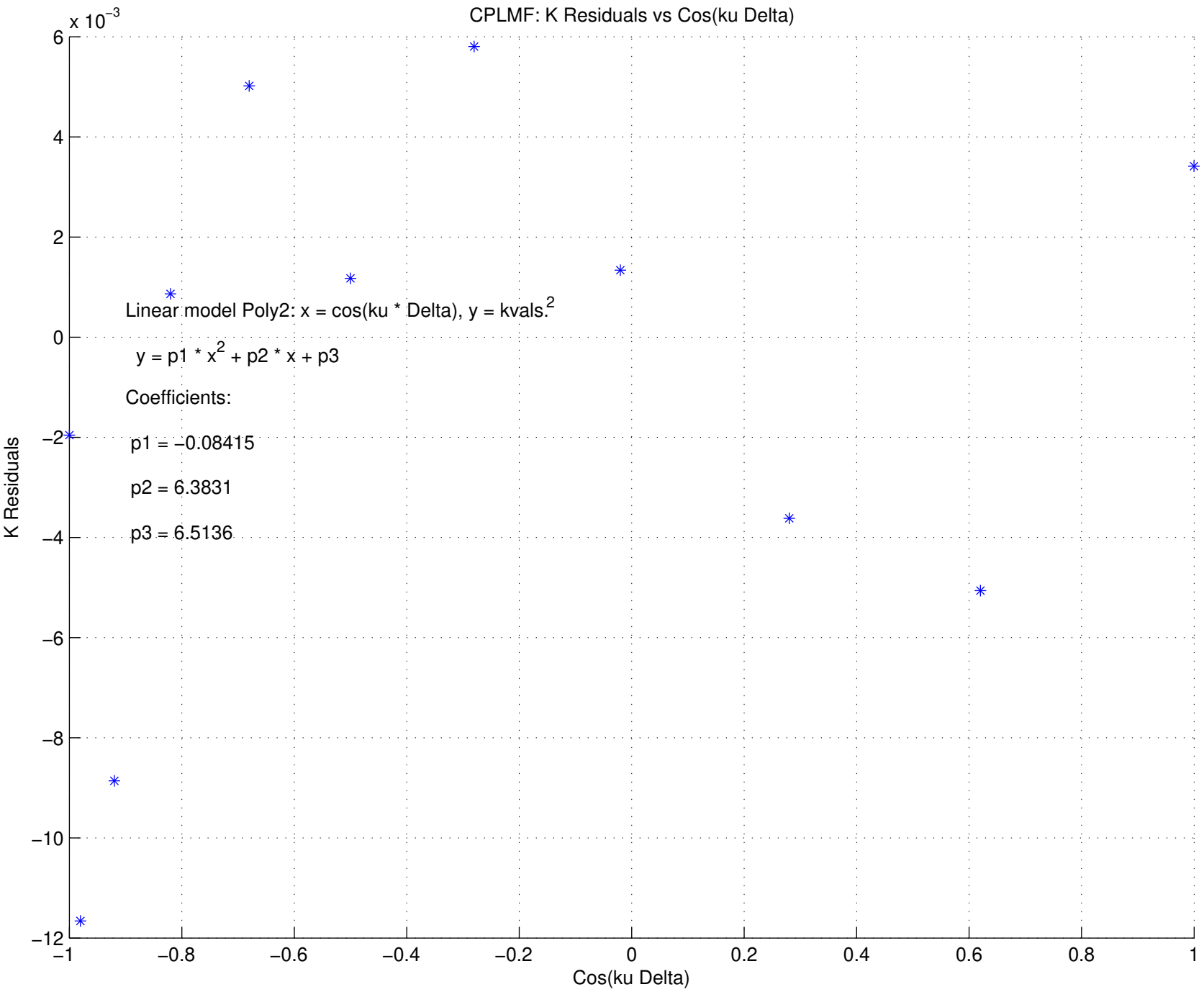

CPRMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.14318
p2 = 6.3468
p3 = 6.5624
Meas
Fit
K2
Cos(ku Delta)
14
12
10
8
6
4
2
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1

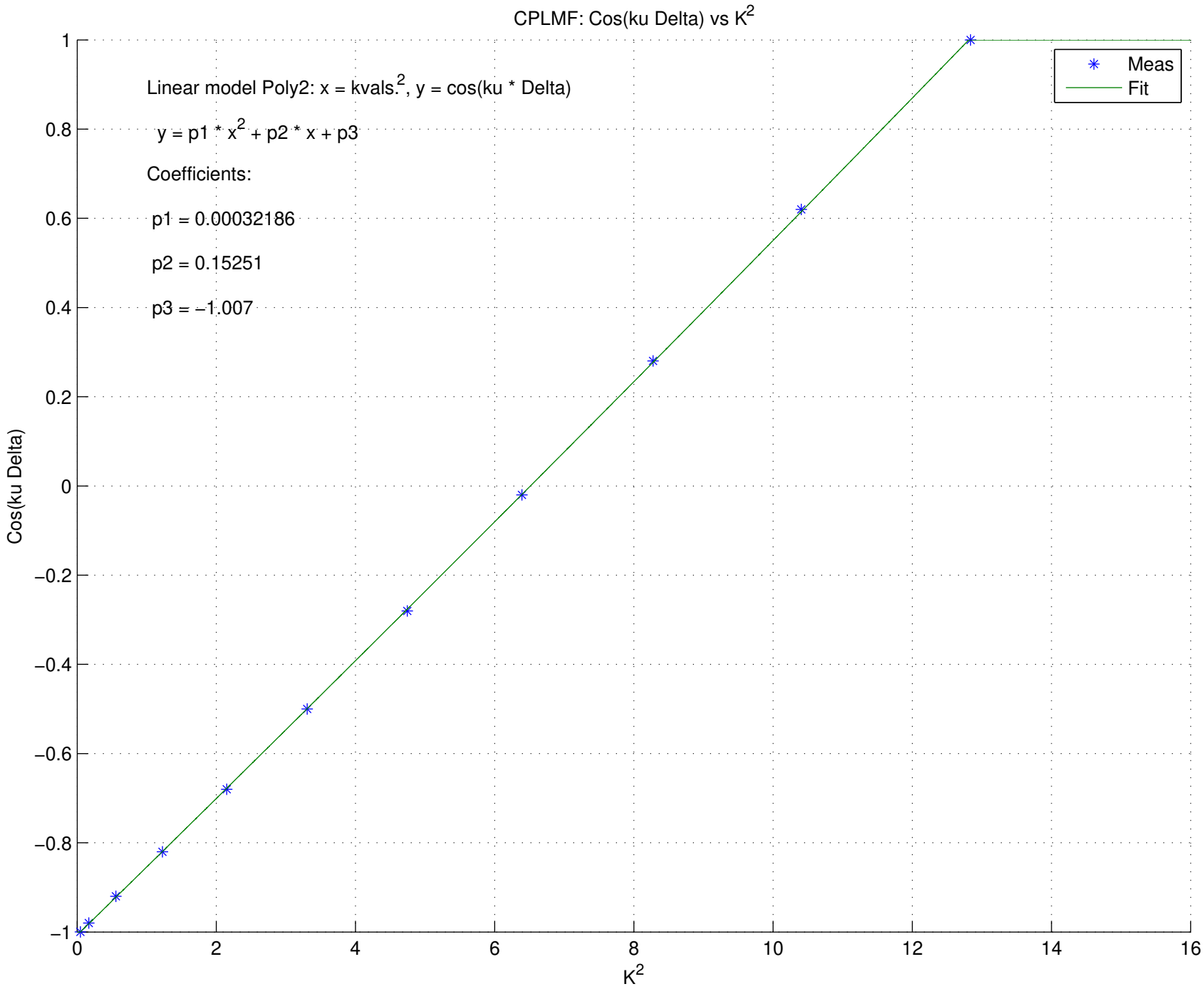

CPRMF: K Residuals vs Cos(ku Delta)
0.005
0
−0.005
−0.01
−0.015
−0.02
−0.025
−0.03
K Residuals
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.14318
p2 = 6.3468
p3 = 6.5624

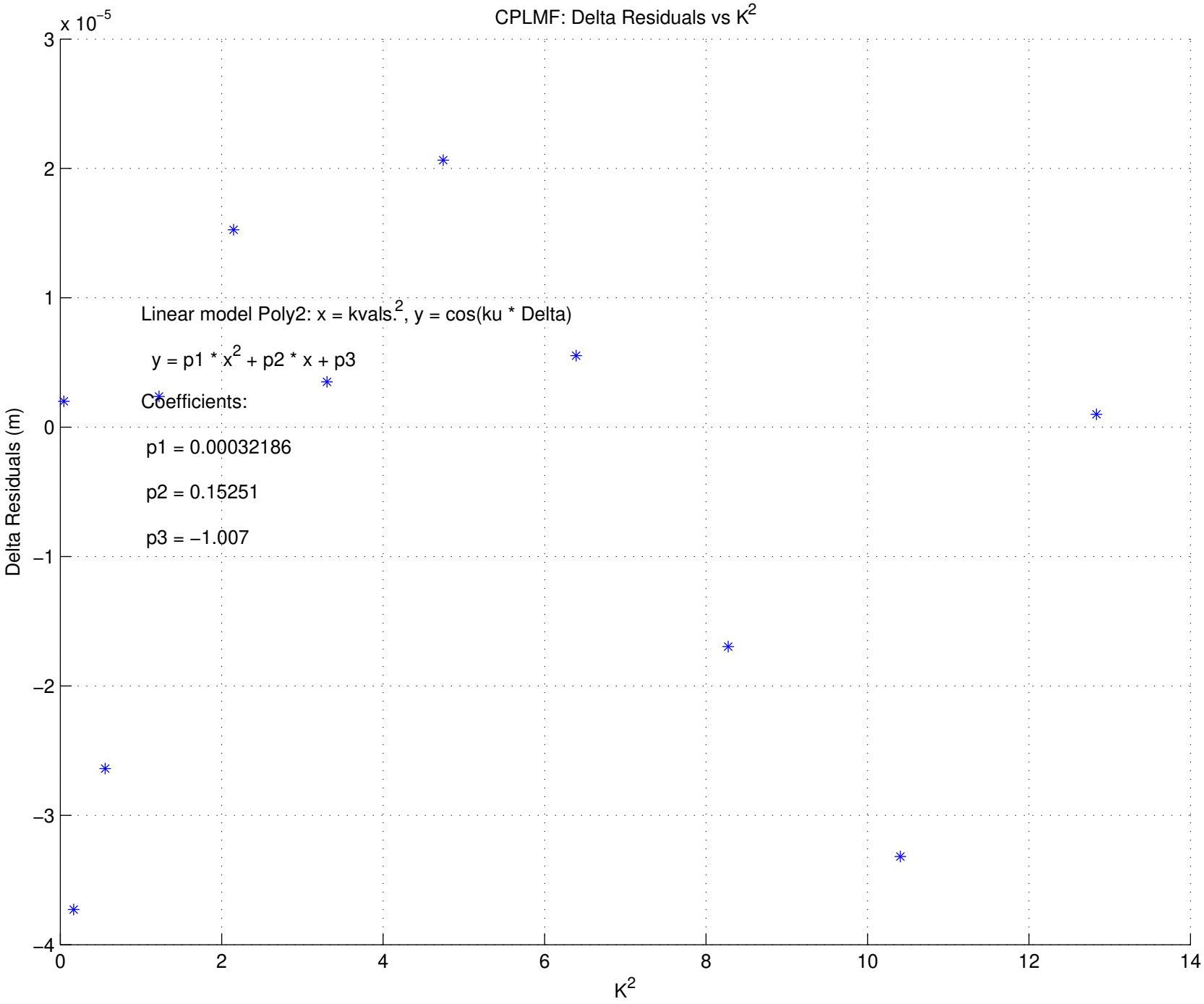

CPRMF: Cos(ku Delta) vs K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00055779
p2 = 0.15036
p3 = −1.0107
Meas
Fit
Cos(ku Delta)
K2
1
0.8
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
−0.8
−1
0
2
4
6
8
10
12
14
16


CPRMF: Delta Residuals vs K2
x 10−5
1.5
1
0.5
0
−0.5
−1
−1.5
−2
−2.5
−3
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 = 0.00055779
p2 = 0.15036
p3 = −1.0107


CPLMF: K2 vs Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.2
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = −0.08415
p2 = 6.3831
p3 = 6.5136
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


CPLMF: K Residuals vs Cos(ku Delta)
x 10^-3
K Residuals
Cos(ku Delta)
Linear model Poly2: x = cos(ku * Delta), y = kvals.^2
y = p1 * x^2 + p2 * x + p3
Coefficients:
p1 = −0.08415
p2 = 6.3831
p3 = 6.5136
6
4
2
0
−2
−4
−6
−8
−10
−12
−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 = 0.00032186
p2 = 0.15251
p3 = −1.007
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 10−5
Delta Residuals (m)
K2
Linear model Poly2: x = kvals.2, y = cos(ku * Delta)
y = p1 * x2 + p2 * x + p3
Coefficients:
p1 = 0.00032186
p2 = 0.15251
p3 = −1.007
3
2
1
0
−1
−2
−3
−4
0
2
4
6
8
10
12
14