We show the matrix of coefficients below, where c_0 is the constant term, c_1 is the coefficient of the linear term and so on.

c0_c4 =

347.34142	22.46708	0.00000	0.00000	0.00000
344.40817	22.46708	2.93782	0.00000	0.00000
344.40817	22.82652	2.93782	0.20000	0.00000
344.85351	22.82652	1.45103	0.20000	0.57910
344.85351	22.89047	1.45103	0.29964	0.57910
345.13344	22.89047	0.51161	0.29964	2.54485
345.13344	23.40518	0.51161	1.84624	2.54485
345.25507	23.40518	1.97343	1.84624	5.22917
345.25507	24.51666	1.97343	7.28895	5.22918
345.22592	24.51666	1.43815	7.28896	3.68026
345.22592	25.27155	1.43815	12.74995	3.68028

c5_c10 =

0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.02994	0.00000	0.00000	0.00000	0.00000	0.00000
0.02994	0.48128	0.00000	0.00000	0.00000	0.00000
1.16592	0.48128	0.23478	0.00000	0.00000	0.00000
1.16592	2.03471	0.23478	0.27784	0.00000	0.00000
8.25292	2.03471	3.61501	0.27784	0.53293	0.00000
8.25292	0.48326	3.61501	0.35115	0.53293	0.08867
19.1930	0.48328	12.48587	0.35114	3.65931	0.08867