

表1-过滤初拟合数据

序号	$\Delta\theta/\Delta q_1$	q_1	$\Delta\theta/\Delta q_2$	q_2	$\Delta\theta/\Delta q_3$	q_3
1	889.0536	0.009943	734.1732	0.009943	454.584	0.009943
2	2021.491	0.029829	1056.505	0.029829	837.762	0.029829
3	3005.082	0.049716	1454.266	0.049716	1158.586	0.049716
4	3307.299	0.069602	1517.627	0.069602	1267.706	0.069602
5	3919.781	0.089488	2061.719	0.089488	1639.318	0.089488
6	4945.109	0.109375	2407.183	0.109375	1746.427	0.109375
7	5587.259	0.129261	2715.435	0.129261	2053.171	0.129261
8	6533.136	0.149147	2970.384	0.149147	2204.531	0.149147
9	12912.4	0.169034	4247.645	0.169034	2765.721	0.169034
10	133972	0.18892	21719.96	0.18892	6064.975	0.18892

表2-过滤初拟合结果

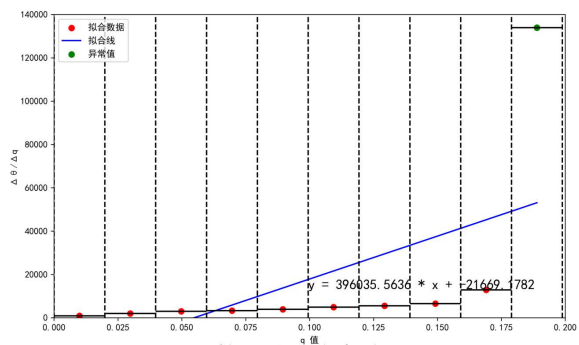
组号	拟合斜率	拟合截距
1	396035.6	-21669.2
2	67879.64	-2660.89
3	21846.14	-152.918

表3-过滤再拟合数据

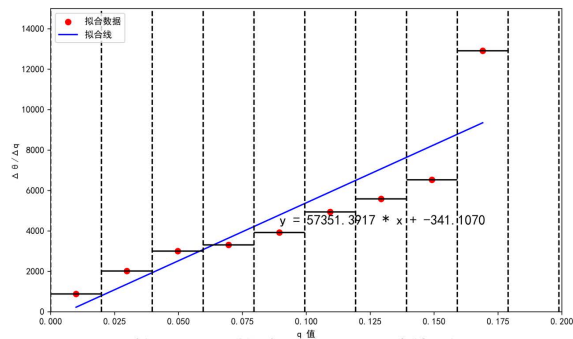
序号	$\Delta\theta/\Delta q_1$	q_1	$\Delta\theta/\Delta q_2$	q_2	$\Delta\theta/\Delta q_3$	q_3
1	889.0536	0.009943	734.1732	0.009943	454.584	0.009943
2	2021.491	0.029829	1056.505	0.029829	837.762	0.029829
3	3005.082	0.049716	1454.266	0.049716	1158.586	0.049716
4	3307.299	0.069602	1517.627	0.069602	1267.706	0.069602
5	3919.781	0.089488	2061.719	0.089488	1639.318	0.089488
6	4945.109	0.109375	2407.183	0.109375	1746.427	0.109375
7	5587.259	0.129261	2715.435	0.129261	2053.171	0.129261
8	6533.136	0.149147	2970.384	0.149147	2204.531	0.149147
9	12912.4	0.169034	4247.645	0.169034	2765.721	0.169034

表4-过滤再拟合结果

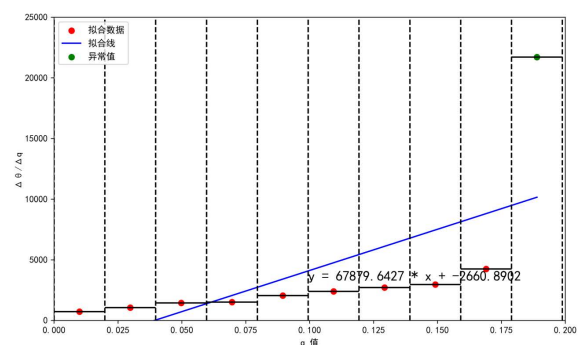
组号	拟合斜率	拟合截距
1	57351.39	-341.107
2	19450.07	388.8813
3	13085	398.8002



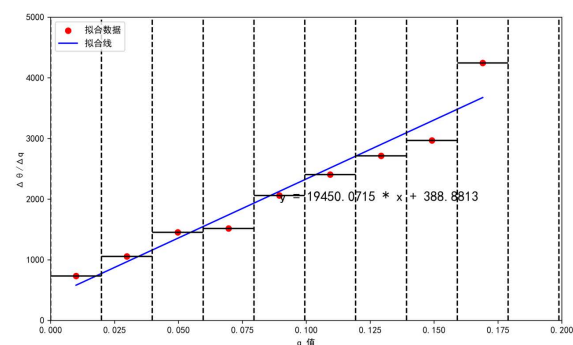
第1组数据初拟合



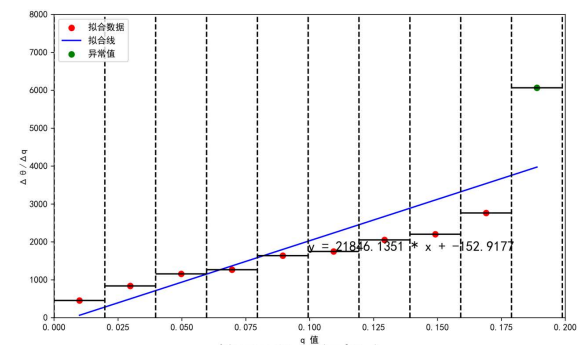
第1组数据排除异常值后重新拟合



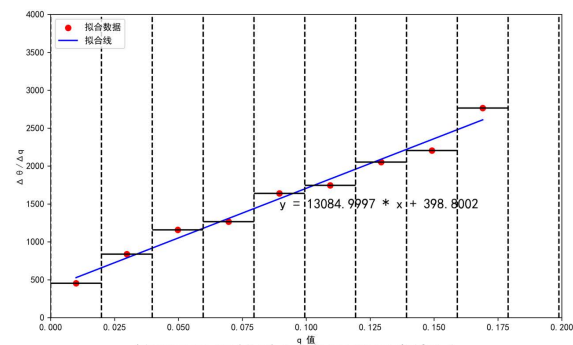
第2组数据初拟合



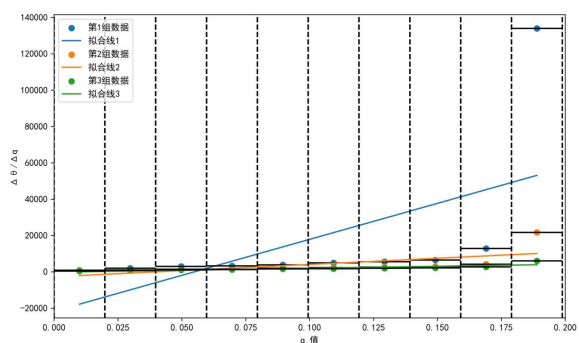
第2组数据排除异常值后重新拟合



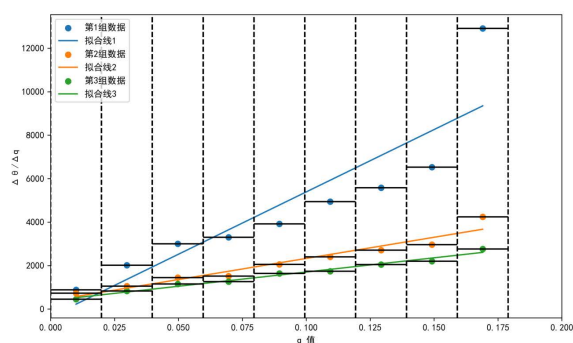
第3组数据初拟合



第3组数据排除异常值后重新拟合



三组数据保留所有数据点初拟合对比



三组数据排除异常值后再拟合对比