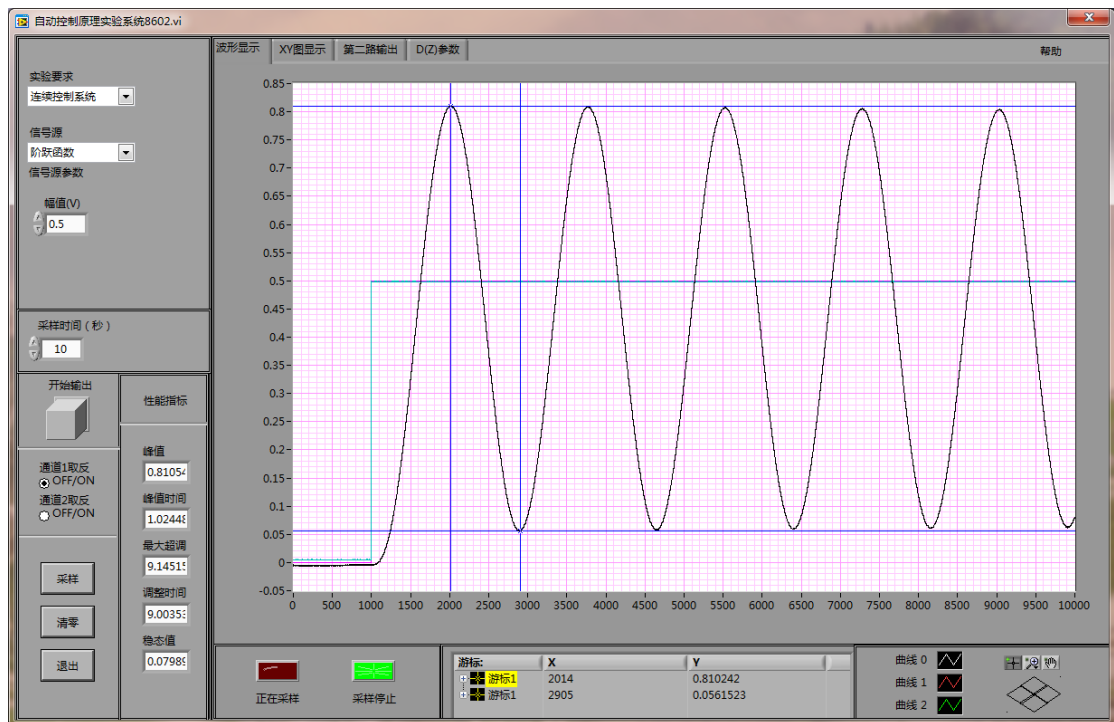
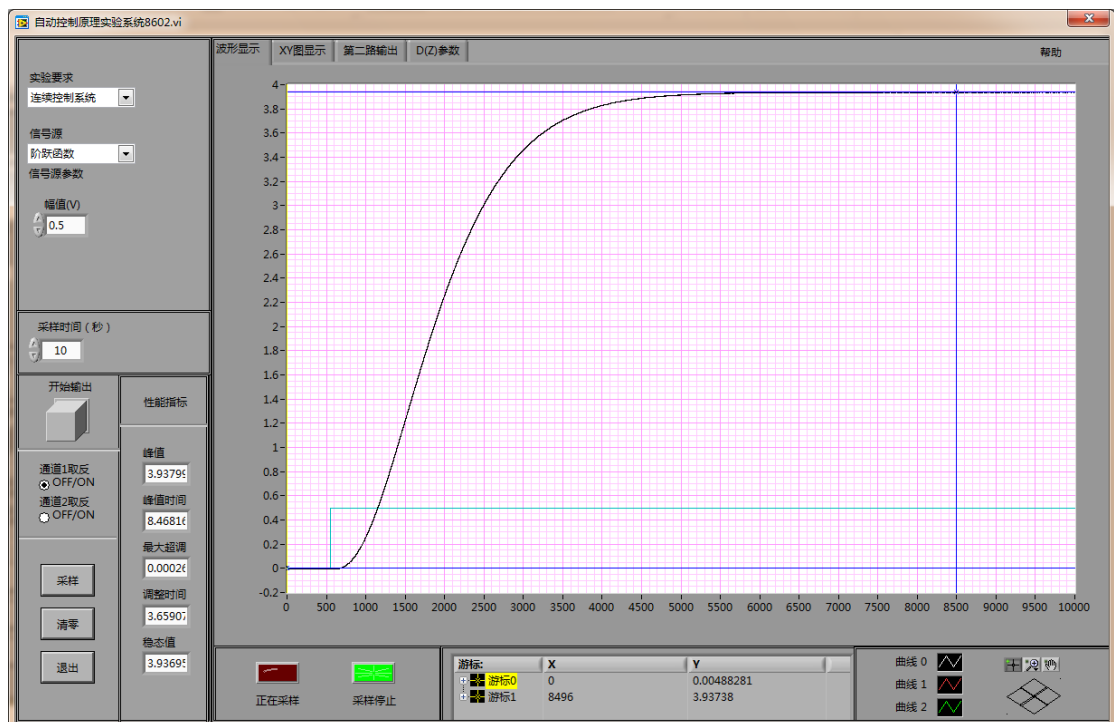


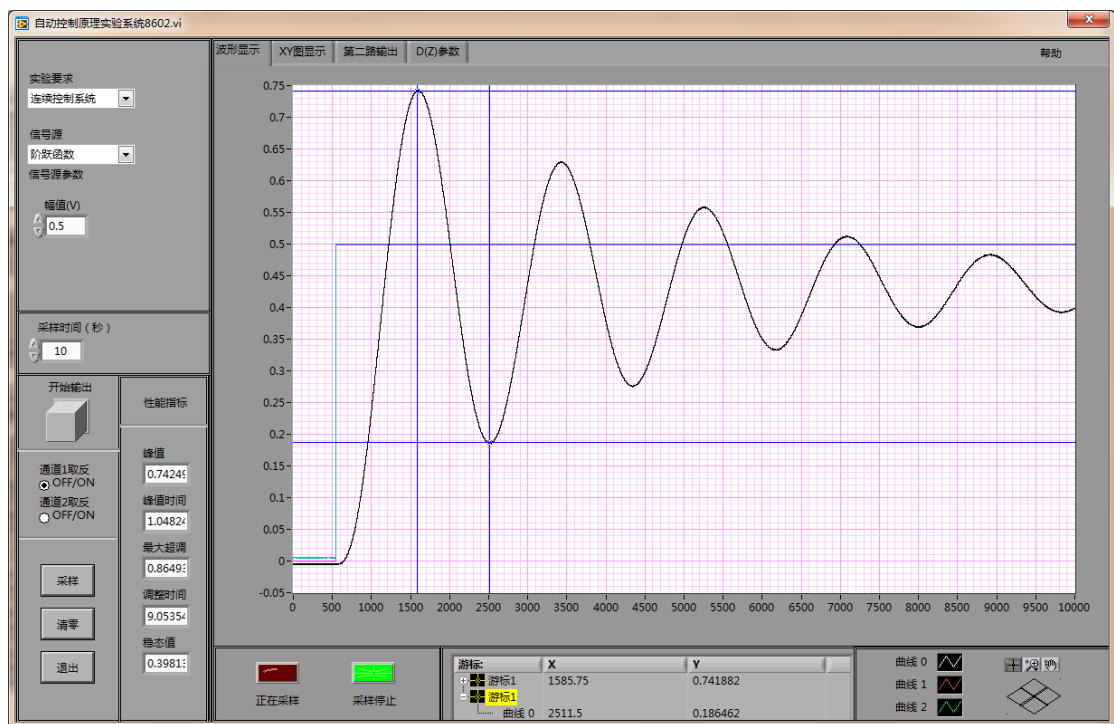
① $a=1$



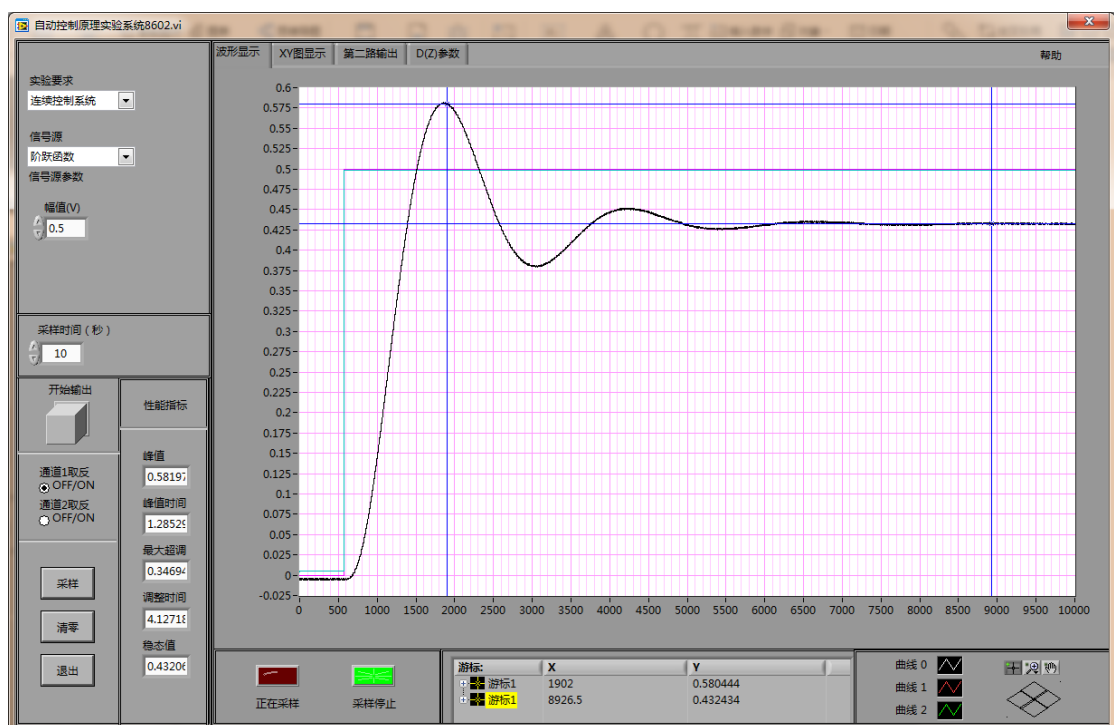
Kj1



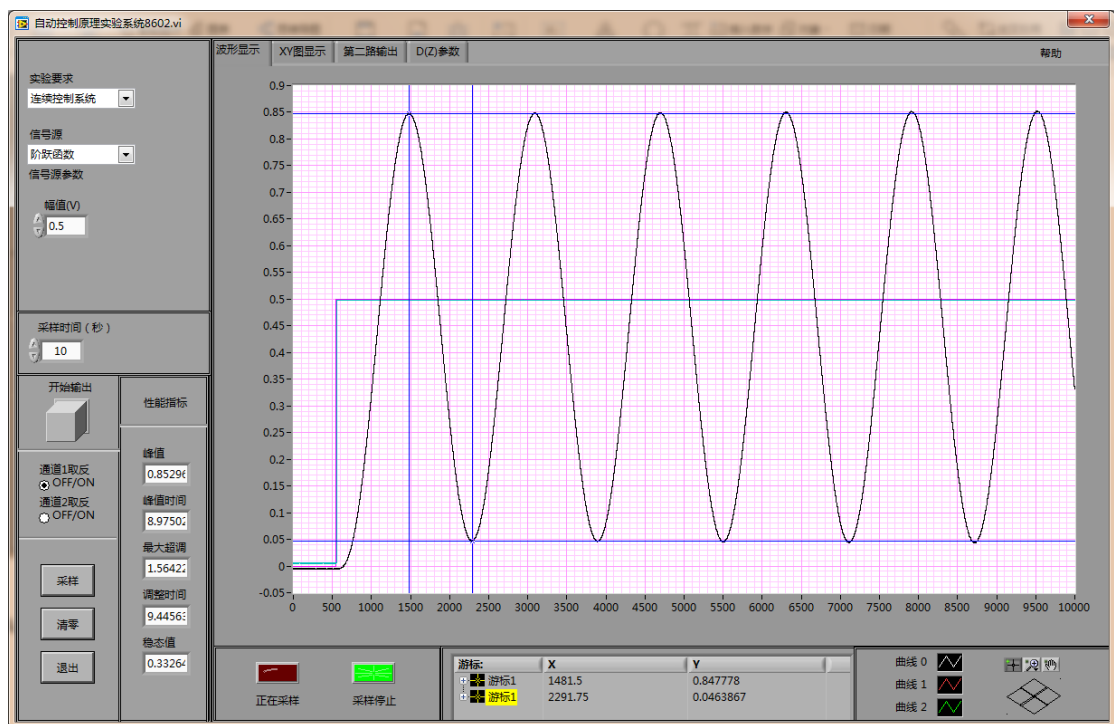
② $a=2$



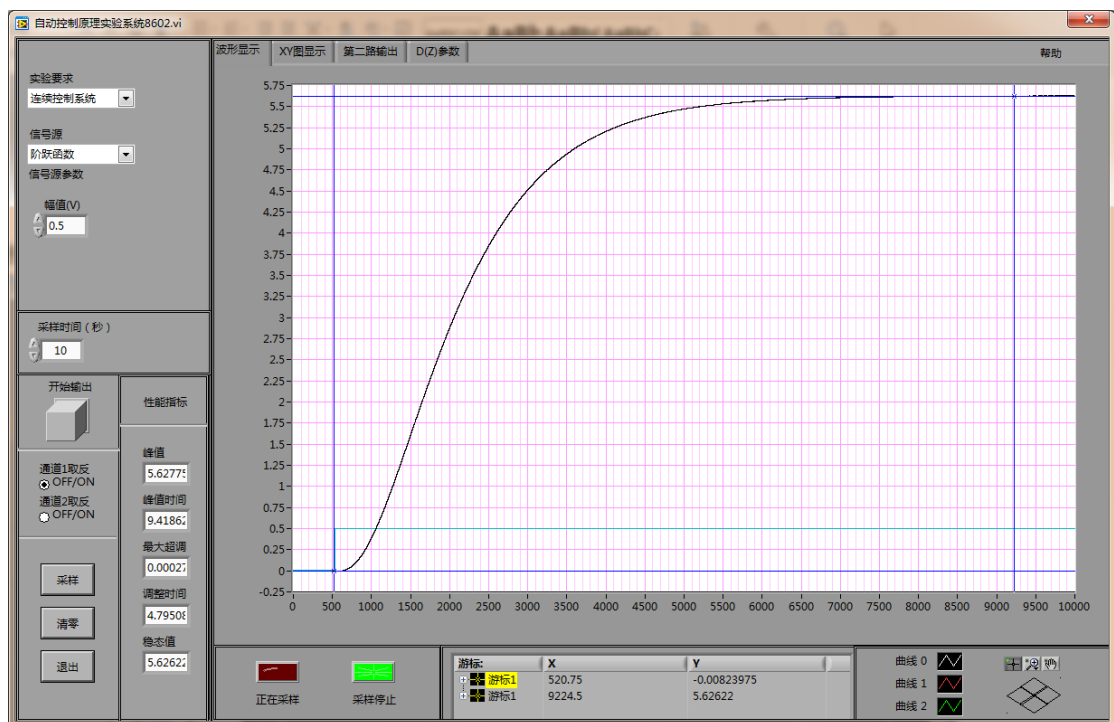
③ $a=5$



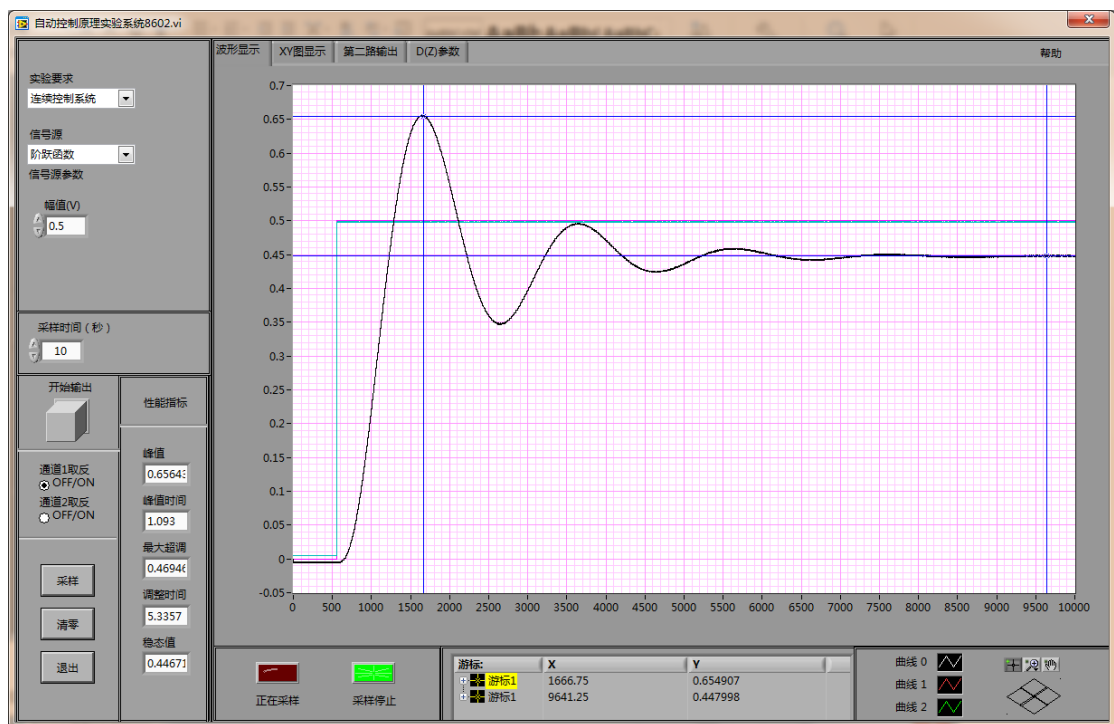
⑤ $a=2$



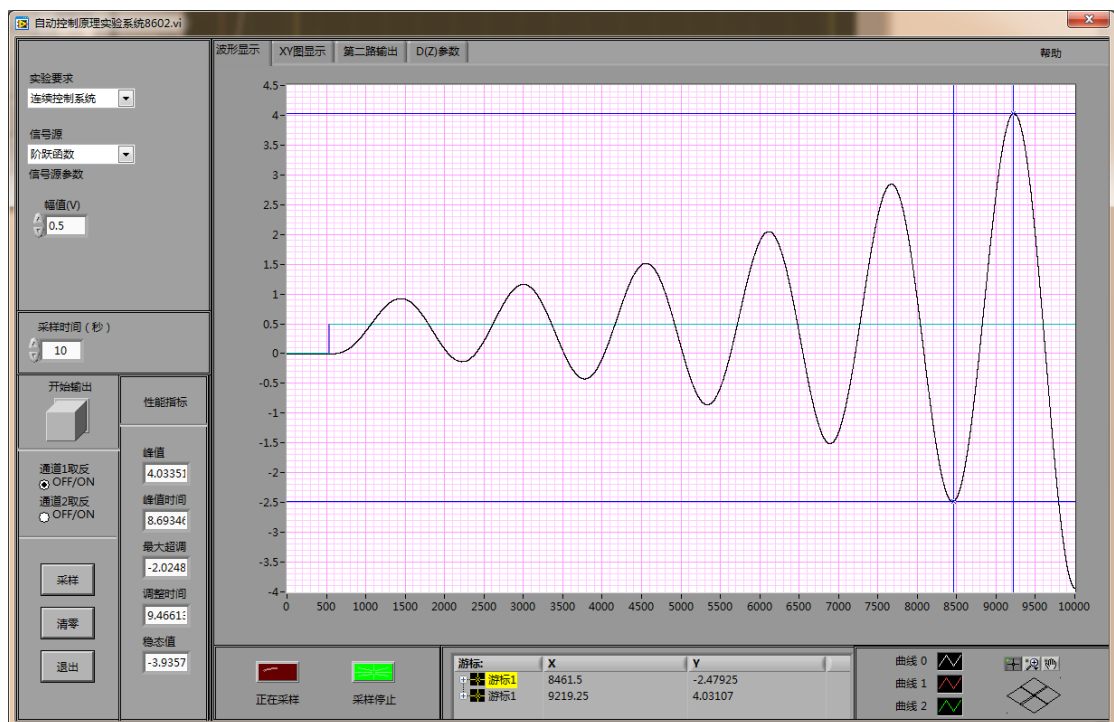
Kj2



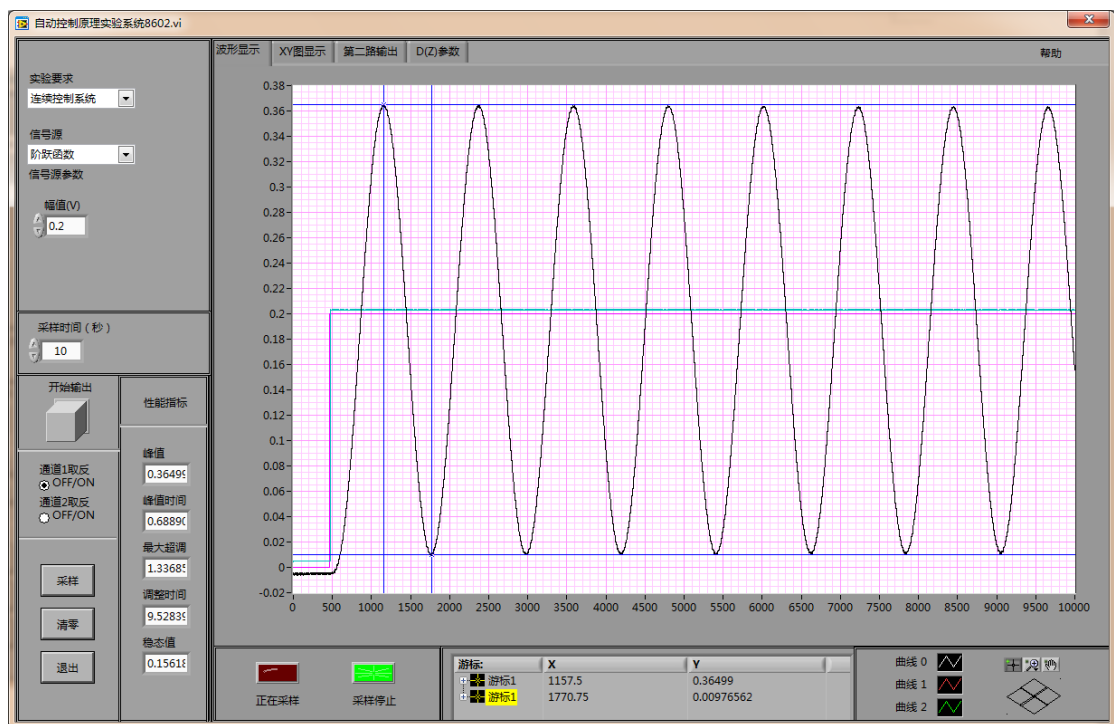
⑥ $a=5$



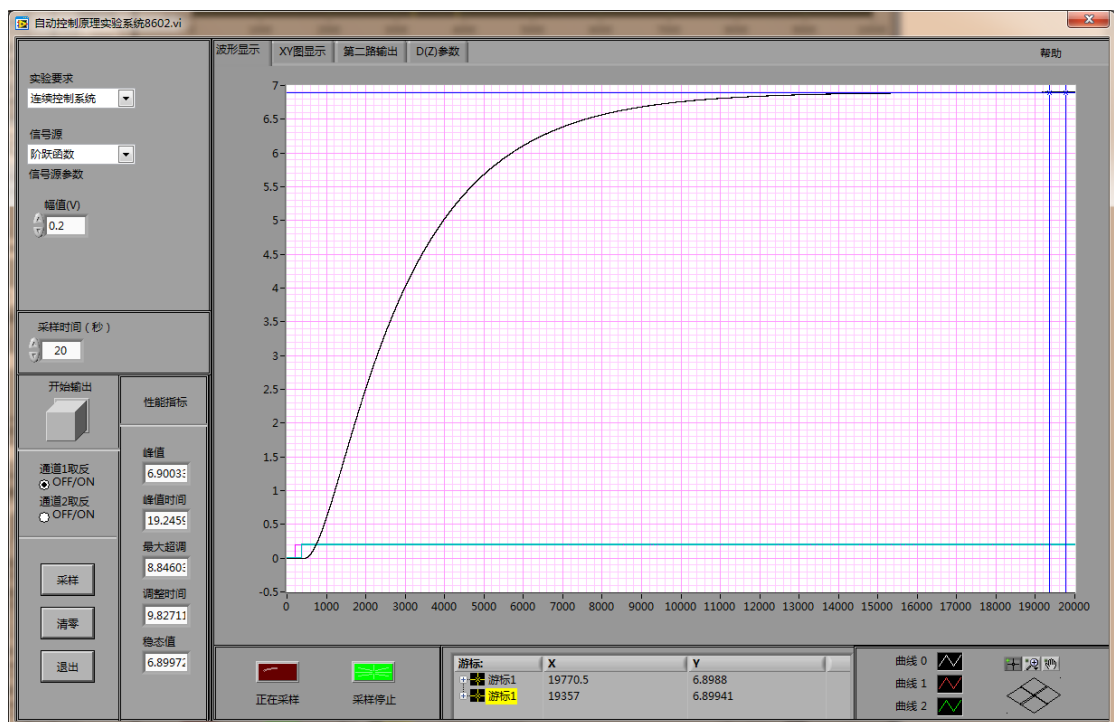
④ $a=1$



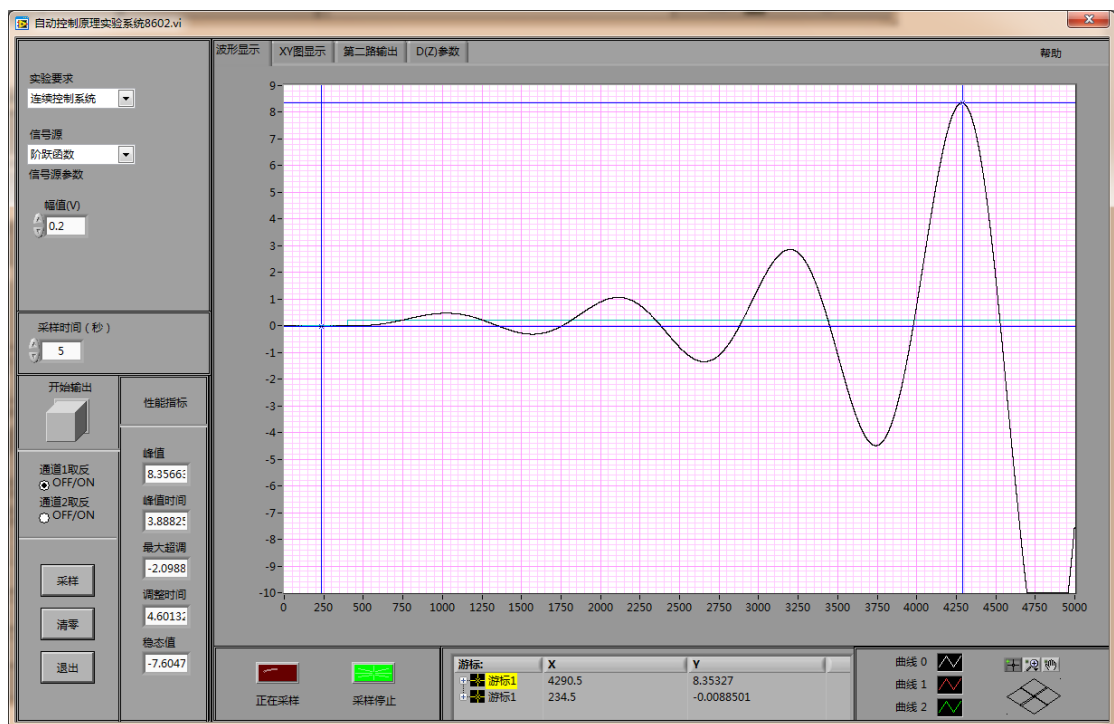
⑨ $a=5$



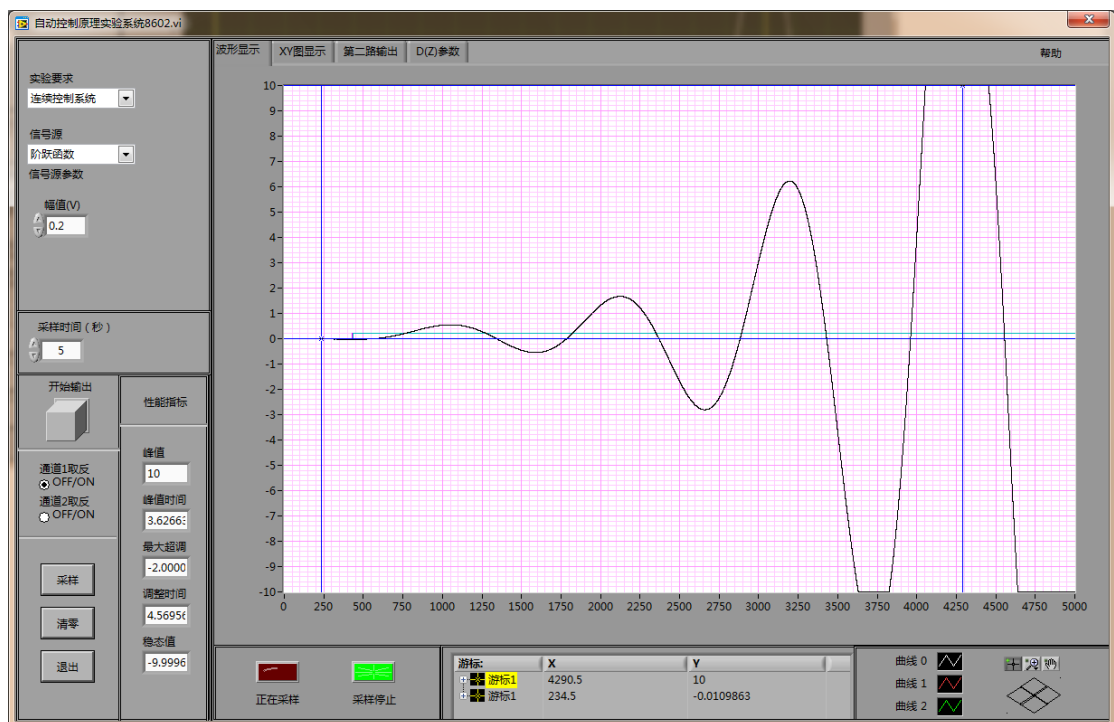
Kj3



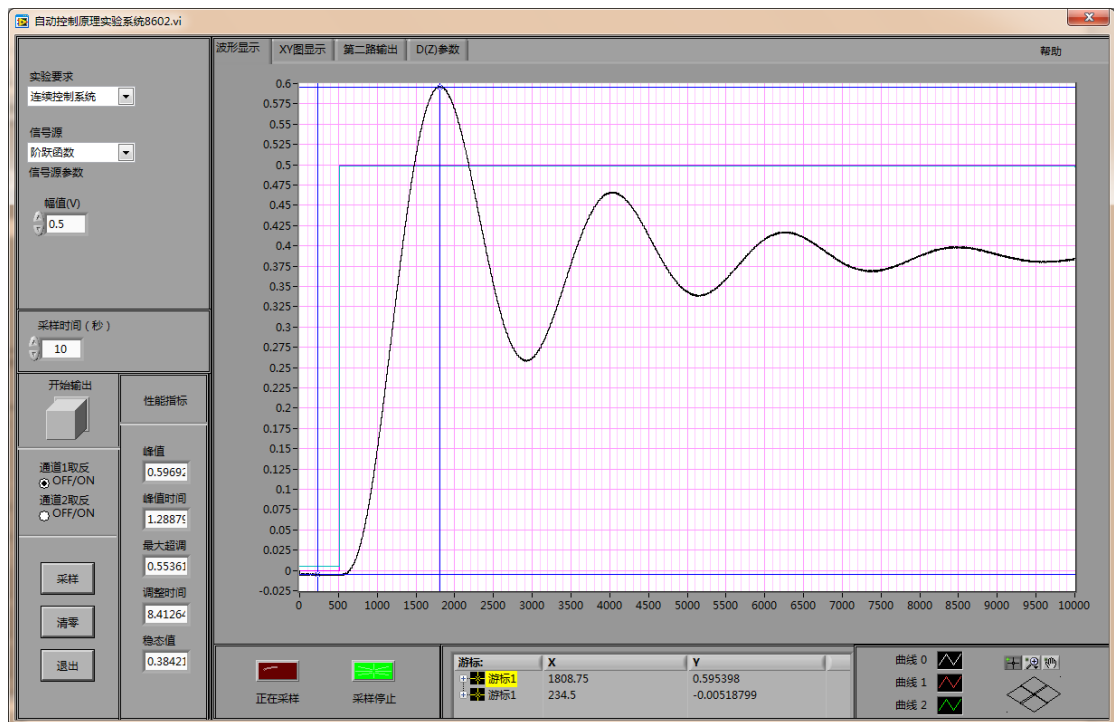
⑧ $a=2$



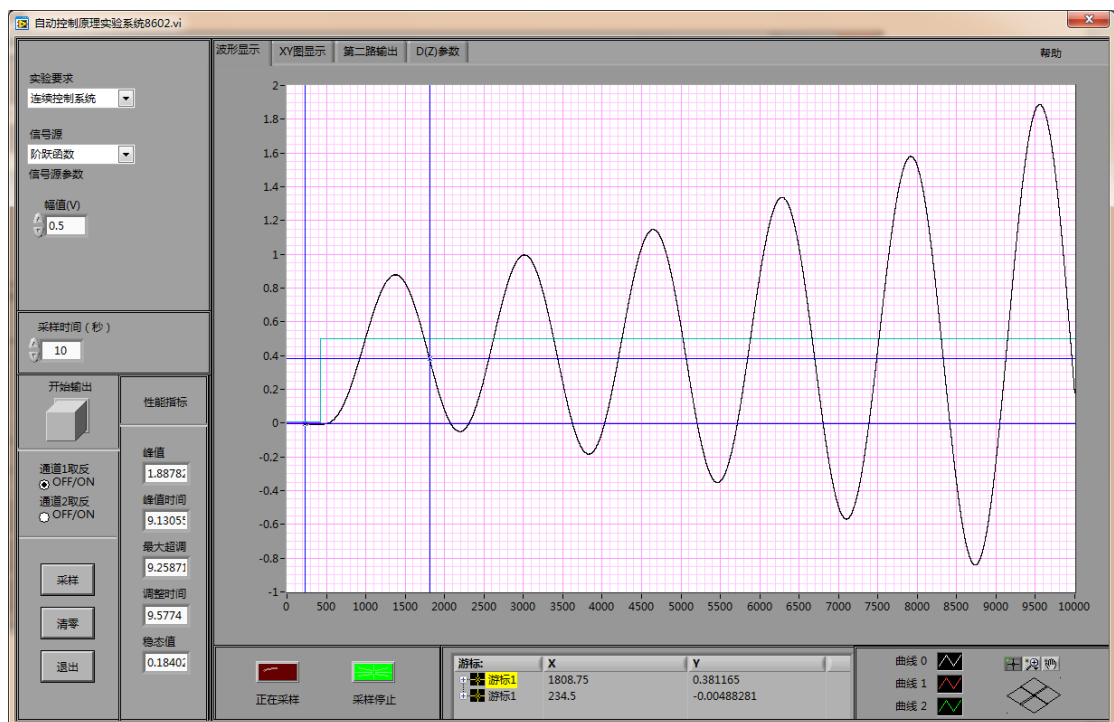
⑦ $a=1$



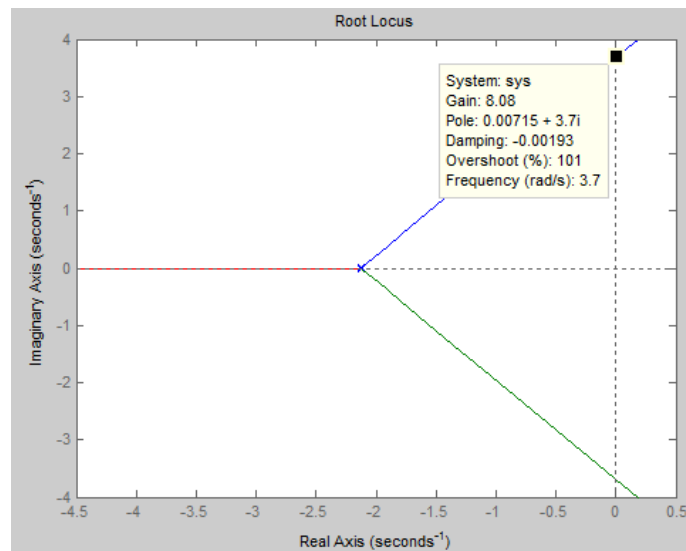
$$K=1/2K_j1$$



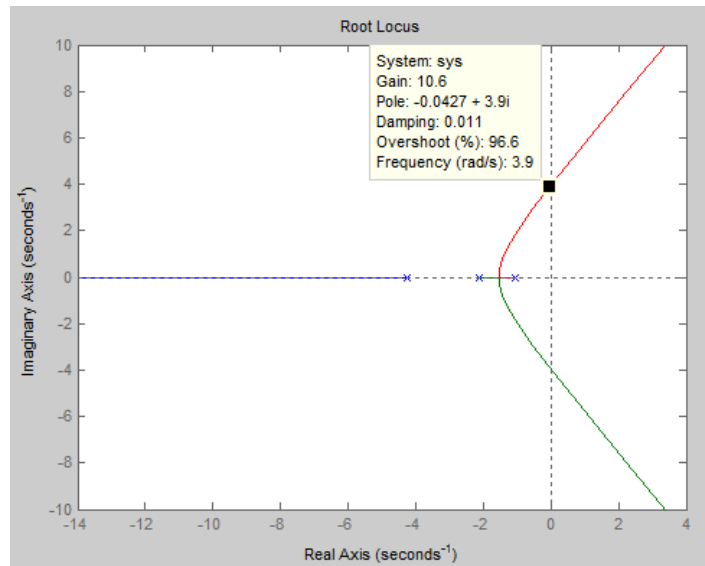
$$K=5/4K_j1$$



T1=T2=T3=0.47s 根轨迹图



T1=0.235s, T2=0.47s, T3=0.94s 根轨迹图



T1=0.1s, T2=0.47s, T3=2.2s 根轨迹图

