

Trial	K <sub>e</sub>	K <sub>0</sub>	Speed	Parameters	Results	Rate/Weave
1	20	0	100		straight line ✓	3 4
2	20	10	100		overshoots	3 4
3	0	50		start at angle	doesn't correct fast enough	3 2
4	0	100			↓	3 2
5	0	200			quick correct	4 4
6	20	200			straight line ✓	4 6
7	20	200	↓		quick correct	5 6
8	25	250	50	1/2 speed, low turn	slow	5 8
9	50	500	100	3 turn flag	no turn at line	5 8
10	50	500	↓	2 turn flag	↓	5 8
11	50	500	↓	add stop	car stop: t = 22 s	6 9
12	75	750	150		too fast at end	5 7
	75	750		1 turn flag	died first turn	2 2
14	100	900			didn't turn at end	4 7
15	100	900		2 turn flag	didn't turn enough	5 8
16	100	900		wheel speed	didn't turn enough	6 8
17	100	900	↓	more turn, delay	turn too much	6 8
18	150	2500	200	slow at turn	missed turn	6 8
19	100	900	200	more turn delay	off track	7 8
20	50	500	100	3 start position	didn't follow first turn	4 2
21	90	1000	150	more turn delay	made to end, didn't turn	4 6
22	90	1000	200	slow on turns	23.2 s	8 9
23	125	1500	200		didn't detect end	5 8
24	150	1250	↓		doesn't follow turn back	3 2
25	200	1500	↓		adjust too much for turn	3 2
26	250	1500	↓		adjust too much for turn	3 2
27	100	900	150	no slow down	↓	3 2
	110	900	150	↓	doesn't stop	5 6
29	100	950	150	slow car down	15.8 s	8 8
30	55/110	550/1100	125/170	variable speed w/ car.	15.2 s	8 9
31	60/120	600/1200	130/180	small increase	15.1 s	9 9
32	62/122	620/1250	135/185	small increase	14.8 s	10 10