
Table S1

S1 Table. Optimized RWD gradient parameters: The top ten sum ranks are listed in ascending order, based on the ranks from the directionality and capture time error ($\epsilon(k)$), with the corresponding parameters of the attractive ($r_{1/2}^a$ and s^a) and repulsive ($r_{1/2}^r$ and s^r) gradients (see Fig S2(A)).

Parameter set (k)	Sum of ranks ($R_s(k)$)	$r_{1/2}^a$	s^a	$r_{1/2}^r$	s^r
482	22	10	1	0	2
487	34	10	1	1	2
377	36	8	1	3	2
497	37	10	1	3	2
362	42	8	1	0	2
372	43	8	1	2	2
506	52	10	1	5	1
267	55	6	1	5	2
363	56	8	1	0	3
492	56	10	1	2	2