

ID	Algorithm	# IR	# d	Runtime	Res.
1	CH, GJK, Fix.	1	15	.019s	SEP
2	CH, DA, Fix.	1	5	.007s	SEP
3	PW, GJK, Fix.	1	6	.006s	SEP
4	PW, DA, Fix.	1	6	.010s	SEP
5	CH, GJK, Dyn.	1	15	.017s	SEP
6	CH, DA, Dyn.	1	5	.007s	SEP
7	PW, GJK, Dyn.	2	7	.014s	SEP
8	PW, DA, Dyn.	2	11	.023s	SEP
9	CH, GJK, Both	1	15	.017s	SEP
10	CH, DA, Both	1	5	.006s	SEP
11	PW, GJK, Both	1	6	.010s	SEP
12	PW, DA, Both	1	6	.013s	SEP

ID	Algorithm	# IR	# d	Runtime	Res.
13	CH, GJK, Fix.	5	1250	9.778s	INT
14	CH, DA, Fix.	14	107	.246s	INT
15	PW, GJK, Fix.	20	694	4.388s	SEP
16	PW, DA, Fix.	21	133	.250s	SEP
17	CH, GJK, Dyn.	2	500	3.938s	INT
18	CH, DA, Dyn.	6	45	.115s	INT
19	PW, GJK, Dyn.	1	7	.010s	SEP
20	PW, DA, Dyn.	1	5	.010s	SEP
21	CH, GJK, Both	5	1250	9.408s	INT
22	CH, DA, Both	20	158	.398s	INT
23	PW, GJK, Both	1	7	.010s	SEP
24	PW, DA, Both	1	5	.010s	SEP

MODES:

- CH: Flowpipe Separation using Convexification
- PW: Flowpipe Separation Point-Wise over Time
- GJK: Modified GJK
- DA: Directed Approximation

Fix.: Fixed Direction Refinement, Dyn.: Dynamic Direction Refinement, Both: Both Refinement Algorithms

ID 1-12: guard outside circle, ID 13-24: guard inside.