Joint interpolated motion

Step	Time	$\Delta\theta_1$	θ_1	$\Delta\theta_2$	θ_2	P_x	P_y	ω_1	ω_2	V_x	V_y
0	0.000	0.000	81.469	0.000	197.254	6.000	0.010				
1	0.025	2.537	84.005	-0.080	197.174	5.947	0.534	101.472	-3.209	-2.660	26.176
2	0.050	7.610	91.616	-0.241	196.933	5.848	1.048	304.415	-9.626	-4.928	25.715
3	0.075	10.147	101.763	-0.321	196.612	5.468	2.005	405.887	-12.834	-19.006	47.852
4	0.100	10.147	111.910	-0.321	196.291	4.937	2.863	405.887	-12.834	-26.578	42.910
5	0.125	10.147	122.057	-0.321	195.970	4.276	3.599	405.887	-12.834	-33.026	36.820
6	0.150	10.147	132.204	-0.321	195.650	3.512	4.196	405.887	-12.834	-38.185	29.818
7	0.175	10.147	142.352	-0.321	195.329	2.674	4.639	405.887	-12.834	-41.937	22.164
8	0.200	10.147	152.499	-0.321	195.008	1.789	4.922	405.887	-12.834	-44.218	14.130
9	0.225	10.147	162.646	-0.321	194.687	0.889	5.041	405.887	-12.834	-45.010	5.988
10	0.250	10.147	172.793	-0.321	194.366	0.002	5.002	405.887	-12.834	-44.348	-1.992
11	0.275	10.147	182.940	-0.321	194.045	-0.844	4.810	405.887	-12.834	-42.313	-9.560
12	0.300	10.147	193.087	-0.321	193.724	-1.625	4.481	405.887	-12.834	-39.027	-16.484
13	0.325	10.147	203.235	-0.321	193.404	-2.318	4.029	405.887	-12.834	-34.652	-22.567
14	0.350	10.147	213.382	-0.321	193.083	-2.905	3.476	405.887	-12.834	-29.376	-27.645
15	0.375	10.147	223.529	-0.321	192.762	-3.374	2.845	405.887	-12.834	-23.415	-31.595
16	0.400	10.147	233.676	-0.321	192.441	-3.713	2.158	405.887	-12.834	-16.995	-34.337
17	0.425	10.147	243.823	-0.321	192.120	-3.920	1.441	405.887	-12.834	-10.351	-35.835
18	0.450	10.147	253.970	-0.321	191.799	-3.995	0.719	405.887	-12.834	-3.715	-36.098
19	0.475	7.610	261.581	-0.241	191.559	-4.013	0.363	304.415	-9.626	-0.915	-17.788
20	0.500	2.537	264.118	-0.080	191.478	-4.000	0.010	101.472	-3.209	0.654	-17.670

Cartesian interpolated motion

Step	Time	θ_1	θ_2	ΔP_x	P_x	ΔP_y	P_y	ω_1	ω_2	V_x	V_y
0.0000	0.0000	81.4686	197.2539	0.0000	6.0000	0.0000	0.0100				
1.0000	0.0250	81.8754	196.4494	-0.1389	5.8611	0.0000	0.0100	16.2746	-32.1783	-5.5556	0.0000
2.0000	0.0500	82.2823	195.6458	-0.4167	5.4444	0.0000	0.0100	16.2772	-32.1457	-16.6667	0.0000
3.0000	0.0750	83.0968	194.0408	-0.5556	4.8889	0.0000	0.0100	32.5785	-64.2002	-22.2222	0.0000
4.0000	0.1000	83.9130	192.4385	-0.5556	4.3333	0.0000	0.0100	32.6458	-64.0896	-22.2222	0.0000
5.0000	0.1250	84.7323	190.8387	-0.5556	3.7778	0.0000	0.0100	32.7738	-63.9921	-22.2222	0.0000
6.0000	0.1500	85.5573	189.2410	-0.5556	3.2222	0.0000	0.0100	32.9996	-63.9074	-22.2222	0.0000
7.0000	0.1750	86.3923	187.6452	-0.5556	2.6667	0.0000	0.0100	33.3994	-63.8353	-22.2222	0.0000
8.0000	0.2000	87.2460	186.0508	-0.5556	2.1111	0.0000	0.0100	34.1495	-63.7758	-22.2222	0.0000
9.0000	0.2250	88.1395	184.4576	-0.5556	1.5556	0.0000	0.0100	35.7413	-63.7285	-22.2222	0.0000
10.0000	0.2500	89.1403	182.8652	-0.5556	1.0000	0.0000	0.0100	40.0310	-63.6930	-22.2222	0.0000
11.0000	0.2750	90.6521	181.2736	-0.5556	0.4444	0.0000	0.0100	60.4728	-63.6657	-22.2222	0.0000
12.0000	0.3000	264.6974	180.3196	-0.5556	-0.1111	0.0000	0.0100	6961.8117	-38.1596	-22.2222	0.0000
13.0000	0.3250	268.1855	181.9102	-0.5556	-0.6667	0.0000	0.0100	139.5244	63.6226	-22.2222	0.0000
14.0000	0.3500	267.7802	183.5021	-0.5556	-1.2222	0.0000	0.0100	-16.2142	63.6763	-22.2222	0.0000
15.0000	0.3750	267.1304	185.0947	-0.5556	-1.7778	0.0000	0.0100	-25.9934	63.7058	-22.2222	0.0000
16.0000	0.4000	266.4103	186.6884	-0.5556	-2.3333	0.0000	0.0100	-28.8036	63.7460	-22.2222	0.0000
17.0000	0.4250	265.6600	188.2833	-0.5556	-2.8889	0.0000	0.0100	-30.0102	63.7981	-22.2222	0.0000
18.0000	0.4500	264.8937	189.8799	-0.5556	-3.4444	0.0000	0.0100	-30.6518	63.8626	-22.2222	0.0000
19.0000	0.4750	264.5066	190.6789	-0.4167	-3.8611	0.0000	0.0100	-15.4832	31.9594	-16.6667	0.0000
20.0000	0.5000	264.1176	191.4784	-0.1389	-4.0000	0.0000	0.0100	-15.5626	31.9803	-5.5556	0.0000