	parameter	simulated	identified	difference
0	$\theta_0$ [°]	0.000000	0.000000	0.000000
1	$d_0 [\mathrm{mm}]$	0.000000	0.000000	0.000000
2	$r_0  [\mathrm{mm}]$	0.000000	0.000000	0.000000
3	$\alpha_0$ [°]	0.000000	0.000000	0.000000
4	$\theta_1$ [°]	-1.765853	-1.790493	-0.024641
5	$d_1 \text{ [mm]}$	-1.765853	-1.386638	0.379214
6	$r_1 [\mathrm{mm}]$	-1.765853	-3.803390	-2.037537
7	$\alpha_1$ [°]	-1.765853	-1.703590	0.062262
8	$\theta_2$ [°]	-1.354426	-1.420763	-0.066336
9	$d_2 [\mathrm{mm}]$	-1.354426	-1.633107	-0.278680
10	$r_2 [\mathrm{mm}]$	-1.354426	-2.720368	-1.365941
11	$\alpha_2$ [°]	-1.354426	-1.315986	0.038441
12	$\theta_3$ [°]	1.894802	1.891520	-0.003282
13	$d_3 [\mathrm{mm}]$	1.894802	0.023478	-1.871324
14	$r_3 [\mathrm{mm}]$	1.894802	1.269927	-0.624875
15	$\alpha_3$ [°]	1.894802	1.845758	-0.049044
16	$\theta_4$ [°]	0.910437	0.957953	0.047516
17	$d_4 [\mathrm{mm}]$	0.910437	1.382766	0.472329
18	$r_4 [\mathrm{mm}]$	0.910437	2.528308	1.617871
19	$\alpha_4$ [°]	0.910437	0.870958	-0.039479
20	$\theta_5$ [°]	0.772524	0.631888	-0.140636
21	$d_5 [\mathrm{mm}]$	0.772524	-3.492753	-4.265277
22	$r_5 [\mathrm{mm}]$	0.772524	-0.345187	-1.117711
23	$\alpha_5$ [°]	0.772524	0.756223	-0.016301
24	$\theta_6$ [°]	-1.701780	-1.838035	-0.136255
25	$d_6 [\mathrm{mm}]$	-1.701780	1.820054	3.521834
26	$r_6 [\mathrm{mm}]$	-1.701780	-1.122873	0.578906
27	$\alpha_6$ [°]	-1.701780	-1.736370	-0.034590
28	$\theta_7$ [°]	0.983452	1.179370	0.195919
29	$d_7 [\mathrm{mm}]$	0.983452	2.240266	1.256815
30	$r_7 [\mathrm{mm}]$	0.983452	1.864721	0.881269
31	$\alpha_7$ [°]	0.983452	0.955237	-0.028215