|    | 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  | $\theta_1$ [°]       | 0.234913  | 0.270775   | 0.035863   |
| 5  | $d_1 \text{ [mm]}$   | 4.100000  | 4.085263   | -0.014737  |
| 6  | $r_1  [\mathrm{mm}]$ | 4.100000  | 4.094464   | -0.005536  |
| 7  | $\alpha_1$ [°]       | 0.234913  | 0.212692   | -0.022221  |
| 8  | $\theta_2$ [°]       | -0.074485 | -0.067679  | 0.006806   |
| 9  | $d_2 [\mathrm{mm}]$  | -1.300000 | -1.375159  | -0.075159  |
| 10 | $r_2 [\mathrm{mm}]$  | -1.300000 | -1.185638  | 0.114362   |
| 11 | $\alpha_2$ [°]       | -0.074485 | -0.044810  | 0.029674   |
| 12 | $\theta_3$ [°]       | 0.234913  | 0.276719   | 0.041807   |
| 13 | $d_3 [\mathrm{mm}]$  | 4.100000  | 4.177453   | 0.077453   |
| 14 | $r_3 [\mathrm{mm}]$  | 4.100000  | 3.938158   | -0.161842  |
| 15 | $\alpha_3$ [°]       | 0.234913  | 0.179986   | -0.054927  |
| 16 | $\theta_4$ [°]       | 0.974028  | 0.950154   | -0.023874  |
| 17 | $d_4 [\mathrm{mm}]$  | 17.000000 | 17.838919  | 0.838919   |
| 18 | $r_4 [\mathrm{mm}]$  | 17.000000 | 19.681737  | 2.681737   |
| 19 | $\alpha_4$ [°]       | 0.974028  | 1.041563   | 0.067535   |
| 20 | $\theta_5$ [°]       | 0.034377  | 0.043868   | 0.009490   |
| 21 | $d_5 [\mathrm{mm}]$  | 0.600000  | 0.750557   | 0.150557   |
| 22 | $r_5 [\mathrm{mm}]$  | 0.600000  | 0.886230   | 0.286230   |
| 23 | $\alpha_5$ [°]       | 0.034377  | 0.013391   | -0.020986  |
| 24 | $\theta_6$ [°]       | 0.000000  | 0.034106   | 0.034106   |
| 25 | $d_6 [\mathrm{mm}]$  | 0.000000  | -1.515120  | -1.515120  |
| 26 | $r_6 [\mathrm{mm}]$  | 0.000000  | -1.170498  | -1.170498  |
| 27 | $\alpha_6$ [°]       | 0.000000  | 0.020837   | 0.020837   |
| 28 | $\theta_7$ [°]       | -0.297938 | -0.374047  | -0.076109  |
| 29 | $d_7 [\mathrm{mm}]$  | -5.200000 | -5.473423  | -0.273423  |
| 30 | $r_7 [\mathrm{mm}]$  | -5.200000 | -4.841731  | 0.358269   |
| 31 | $\alpha_7$ [°]       | -0.297938 | -0.390381  | -0.092443  |