|    | parameter            | simuated   | 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  | $\theta_1$ [°]       | -26.487792 | -26.499654 | -0.011862  |
| 5  | $d_1 [\mathrm{mm}]$  | -26.487792 | -26.971369 | -0.483577  |
| 6  | $r_1  [\mathrm{mm}]$ | -26.487792 | -28.518786 | -2.030995  |
| 7  | $\alpha_1$ [°]       | -26.487792 | -26.409580 | 0.078212   |
| 8  | $\theta_2$ [°]       | -20.316396 | -20.350664 | -0.034269  |
| 9  | $d_2 [\mathrm{mm}]$  | -20.316396 | -19.455068 | 0.861328   |
| 10 | $r_2 [\mathrm{mm}]$  | -20.316396 | -20.918006 | -0.601610  |
| 11 | $\alpha_2$ [°]       | -20.316396 | -20.299928 | 0.016468   |
| 12 | $\theta_3$ [°]       | 28.422028  | 28.443250  | 0.021222   |
| 13 | $d_3$ [mm]           | 28.422028  | 25.881345  | -2.540683  |
| 14 | $r_3 [\mathrm{mm}]$  | 28.422028  | 27.035961  | -1.386067  |
| 15 | $\alpha_3$ [°]       | 28.422028  | 28.380721  | -0.041307  |
| 16 | $\theta_4$ [°]       | 13.656554  | 13.664889  | 0.008335   |
| 17 | $d_4 [\mathrm{mm}]$  | 13.656553  | 15.852838  | 2.196284   |
| 18 | $r_4 [\mathrm{mm}]$  | 13.656554  | 14.680621  | 1.024068   |
| 19 | $\alpha_4$ [°]       | 13.656554  | 13.633588  | -0.022965  |
| 20 | $\theta_5$ [°]       | 11.587861  | 11.433884  | -0.153977  |
| 21 | $d_5 [\mathrm{mm}]$  | 11.587861  | 5.682838   | -5.905023  |
| 22 | $r_5 [\mathrm{mm}]$  | 11.587861  | 11.451825  | -0.136036  |
| 23 | $\alpha_5$ [°]       | 11.587861  | 11.554531  | -0.033330  |
| 24 | $\theta_6$ [°]       | -25.526695 | -25.650003 | -0.123308  |
| 25 | $d_6 [\mathrm{mm}]$  | -25.526695 | -18.821518 | 6.705177   |
| 26 | $r_6 [\mathrm{mm}]$  | -25.526695 | -24.570173 | 0.956522   |
| 27 | $\alpha_6$ [°]       | -25.526696 | -25.482888 | 0.043808   |
| 28 | $\theta_7$ [°]       | 14.751774  | 14.974806  | 0.223032   |
| 29 | $d_7 [\mathrm{mm}]$  | 14.751774  | 14.292292  | -0.459482  |
| 30 | $r_7 [\mathrm{mm}]$  | 14.751774  | 16.213321  | 1.461547   |
| 31 | $\alpha_7$ [°]       | 14.751774  | 14.690041  | -0.061732  |