

|    | parameter      | simulated | identified | difference |
|----|----------------|-----------|------------|------------|
| 0  | $\theta_0$ [°] | 0.000000  | 0.000000   | 0.000000   |
| 1  | $d_0$ [mm]     | 0.000000  | 0.000000   | 0.000000   |
| 2  | $r_0$ [mm]     | 0.000000  | 0.000000   | 0.000000   |
| 3  | $\alpha_0$ [°] | 0.000000  | 0.000000   | 0.000000   |
| 4  | $\theta_1$ [°] | -0.882926 | -0.863944  | 0.018982   |
| 5  | $d_1$ [mm]     | -0.882926 | -0.193116  | 0.689810   |
| 6  | $r_1$ [mm]     | -0.882926 | -3.054264  | -2.171338  |
| 7  | $\alpha_1$ [°] | -0.882926 | -0.869001  | 0.013926   |
| 8  | $\theta_2$ [°] | -0.677213 | -0.730143  | -0.052929  |
| 9  | $d_2$ [mm]     | -0.677213 | 0.079114   | 0.756328   |
| 10 | $r_2$ [mm]     | -0.677213 | -2.853181  | -2.175968  |
| 11 | $\alpha_2$ [°] | -0.677213 | -0.554075  | 0.123138   |
| 12 | $\theta_3$ [°] | 0.947401  | 0.979636   | 0.032236   |
| 13 | $d_3$ [mm]     | 0.947401  | -1.633695  | -2.581096  |
| 14 | $r_3$ [mm]     | 0.947401  | 0.007502   | -0.939898  |
| 15 | $\alpha_3$ [°] | 0.947401  | 0.892087   | -0.055314  |
| 16 | $\theta_4$ [°] | 0.455218  | 0.473273   | 0.018055   |
| 17 | $d_4$ [mm]     | 0.455218  | 2.076667   | 1.621449   |
| 18 | $r_4$ [mm]     | 0.455218  | 2.375792   | 1.920574   |
| 19 | $\alpha_4$ [°] | 0.455218  | 0.438985   | -0.016233  |
| 20 | $\theta_5$ [°] | 0.386262  | 0.256895   | -0.129367  |
| 21 | $d_5$ [mm]     | 0.386262  | -4.741253  | -5.127515  |
| 22 | $r_5$ [mm]     | 0.386262  | -0.002998  | -0.389260  |
| 23 | $\alpha_5$ [°] | 0.386262  | 0.343770   | -0.042492  |
| 24 | $\theta_6$ [°] | -0.850890 | -0.982632  | -0.131742  |
| 25 | $d_6$ [mm]     | -0.850890 | 3.933008   | 4.783897   |
| 26 | $r_6$ [mm]     | -0.850890 | -0.492645  | 0.358245   |
| 27 | $\alpha_6$ [°] | -0.850890 | -0.853725  | -0.002835  |
| 28 | $\theta_7$ [°] | 0.491726  | 0.673787   | 0.182061   |
| 29 | $d_7$ [mm]     | 0.491726  | 0.944295   | 0.452570   |
| 30 | $r_7$ [mm]     | 0.491726  | 2.302516   | 1.810791   |
| 31 | $\alpha_7$ [°] | 0.491726  | 0.481994   | -0.009732  |