

|    | parameter      | simuated   | 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  | $\theta_1$ [°] | -44.146319 | -44.116056 | 0.030263   |
| 5  | $d_1$ [mm]     | -44.146319 | -43.769620 | 0.376699   |
| 6  | $r_1$ [mm]     | -44.146319 | -45.888492 | -1.742172  |
| 7  | $\alpha_1$ [°] | -44.146319 | -44.106715 | 0.039605   |
| 8  | $\theta_2$ [°] | -33.860660 | -33.876434 | -0.015775  |
| 9  | $d_2$ [mm]     | -33.860660 | -33.019277 | 0.841382   |
| 10 | $r_2$ [mm]     | -33.860660 | -35.294068 | -1.433408  |
| 11 | $\alpha_2$ [°] | -33.860660 | -33.761581 | 0.099078   |
| 12 | $\theta_3$ [°] | 47.370047  | 47.389997  | 0.019951   |
| 13 | $d_3$ [mm]     | 47.370047  | 45.061239  | -2.308808  |
| 14 | $r_3$ [mm]     | 47.370047  | 47.468116  | 0.098069   |
| 15 | $\alpha_3$ [°] | 47.370047  | 47.255453  | -0.114594  |
| 16 | $\theta_4$ [°] | 22.760923  | 22.767927  | 0.007004   |
| 17 | $d_4$ [mm]     | 22.760922  | 24.252962  | 1.492039   |
| 18 | $r_4$ [mm]     | 22.760923  | 24.954306  | 2.193383   |
| 19 | $\alpha_4$ [°] | 22.760923  | 22.772654  | 0.011732   |
| 20 | $\theta_5$ [°] | 19.313101  | 19.200315  | -0.112786  |
| 21 | $d_5$ [mm]     | 19.313101  | 14.377019  | -4.936083  |
| 22 | $r_5$ [mm]     | 19.313101  | 19.531296  | 0.218194   |
| 23 | $\alpha_5$ [°] | 19.313102  | 19.268383  | -0.044718  |
| 24 | $\theta_6$ [°] | -42.544492 | -42.691333 | -0.146841  |
| 25 | $d_6$ [mm]     | -42.544492 | -38.010222 | 4.534270   |
| 26 | $r_6$ [mm]     | -42.544492 | -43.363559 | -0.819066  |
| 27 | $\alpha_6$ [°] | -42.544492 | -42.488201 | 0.056292   |
| 28 | $\theta_7$ [°] | 24.586289  | 24.748731  | 0.162442   |
| 29 | $d_7$ [mm]     | 24.586289  | 25.967916  | 1.381626   |
| 30 | $r_7$ [mm]     | 24.586289  | 25.742812  | 1.156523   |
| 31 | $\alpha_7$ [°] | 24.586289  | 24.511285  | -0.075004  |