Ep: 1 | --- | Collision: 1 | ep\_r: -123.6 | step: 300 | pose\_error: 0.1338 | orient\_error: 0.2357

Ep: 2 | --- | Collision: 0 | ep\_r: -141.2 | step: 300 | pose\_error: 0.3864 | orient\_error: 0.3951

Ep: 3 | --- | Collision: 1 | ep\_r: -119.8 | step: 300 | pose\_error: 0.2526 | orient\_error: 0.3305

Ep: 4 | --- | Collision: 0 | ep\_r: -110.6 | step: 300 | pose\_error: 0.2381 | orient\_error: 0.4252

Ep: 5 | --- | Collision: 0 | ep\_r: -104.9 | step: 300 | pose\_error: 0.2534 | orient\_error: 0.4547

Ep: 6 | --- | Collision: 0 | ep\_r: -118.5 | step: 300 | pose\_error: 0.2306 | orient\_error: 0.5849

Ep: 7 | --- | Collision: 0 | ep\_r: -131.5 | step: 300 | pose\_error: 0.2054 | orient\_error: 0.5605

Ep: 8 | --- | Collision: 0 | ep\_r: -131.3 | step: 300 | pose\_error: 0.2042 | orient\_error: 0.6001

Ep: 9 | --- | Collision: 0 | ep\_r: -100.9 | step: 300 | pose\_error: 0.2087 | orient\_error: 0.5753

Ep: 10 | --- | Collision: 0 | ep\_r: -54.8 | step: 300 | pose\_error: 0.1773 | orient\_error: 0.2950

Ep: 11 | --- | Collision: 0 | ep\_r: -58.1 | step: 300 | pose\_error: 0.2101 | orient\_error: 0.4425

Ep: 12 | --- | Collision: 0 | ep\_r: -69.7 | step: 300 | pose\_error: 0.1716 | orient\_error: 0.1053

Ep: 13 | --- | Collision: 0 | ep\_r: -61.9 | step: 300 | pose\_error: 0.1729 | orient\_error: 0.1507

Ep: 14 | --- | Collision: 0 | ep\_r: -43.9 | step: 300 | pose\_error: 0.1304 | orient\_error: 0.2841

Ep: 15 | --- | Collision: 1 | ep\_r: -76.9 | step: 300 | pose\_error: 0.0625 | orient\_error: 0.5203

Ep: 16 | --- | Collision: 1 | ep\_r: -63.7 | step: 300 | pose\_error: 0.1103 | orient\_error: 0.2890

Ep: 17 | --- | Collision: 0 | ep\_r: -27.9 | step: 300 | pose\_error: 0.1928 | orient\_error: 0.1080

Ep: 18 | --- | Collision: 0 | ep\_r: -26.3 | step: 300 | pose\_error: 0.1941 | orient\_error: 0.1463

Ep: 19 | --- | Collision: 0 | ep\_r: -29.2 | step: 300 | pose\_error: 0.1862 | orient\_error: 0.2145

Ep: 20 | --- | Collision: 0 | ep\_r: -26.2 | step: 300 | pose\_error: 0.2251 | orient\_error: 0.0837

Ep: 21 | --- | Collision: 0 | ep\_r: -57.0 | step: 300 | pose\_error: 0.2335 | orient\_error: 0.1342

Ep: 22 | --- | Collision: 0 | ep\_r: -32.8 | step: 300 | pose\_error: 0.2229 | orient\_error: 0.1031

Ep: 23 | --- | Collision: 0 | ep\_r: -26.4 | step: 300 | pose\_error: 0.2168 | orient\_error: 0.0979

Ep: 24 | --- | Collision: 0 | ep\_r: -36.0 | step: 300 | pose\_error: 0.2016 | orient\_error: 0.1074

Ep: 25 | --- | Collision: 0 | ep\_r: -31.6 | step: 300 | pose\_error: 0.2170 | orient\_error: 0.1084

Ep: 26 | --- | Collision: 0 | ep\_r: -46.6 | step: 300 | pose\_error: 0.2318 | orient\_error: 0.1074

Ep: 27 | --- | Collision: 0 | ep\_r: -38.1 | step: 300 | pose\_error: 0.2023 | orient\_error: 0.1108

Ep: 28 | --- | Collision: 0 | ep\_r: -33.2 | step: 300 | pose\_error: 0.2129 | orient\_error: 0.0357

Ep: 29 | --- | Collision: 0 | ep\_r: -15.7 | step: 300 | pose\_error: 0.2080 | orient\_error: 0.0232

Ep: 30 | --- | Collision: 0 | ep\_r: -21.7 | step: 300 | pose\_error: 0.2257 | orient\_error: 0.0718

Ep: 31 | --- | Collision: 0 | ep\_r: -21.0 | step: 300 | pose\_error: 0.2226 | orient\_error: 0.0627

Ep: 32 | --- | Collision: 0 | ep\_r: -28.5 | step: 300 | pose\_error: 0.2339 | orient\_error: 0.0843

Ep: 33 | --- | Collision: 0 | ep\_r: -22.1 | step: 300 | pose\_error: 0.2176 | orient\_error: 0.0673

Ep: 34 | --- | Collision: 0 | ep\_r: -26.2 | step: 300 | pose\_error: 0.2209 | orient\_error: 0.0525

Ep: 35 | --- | Collision: 0 | ep\_r: -20.4 | step: 300 | pose\_error: 0.2046 | orient\_error: 0.0369

Ep: 36 | --- | Collision: 0 | ep\_r: -20.5 | step: 300 | pose\_error: 0.2122 | orient\_error: 0.0532

Ep: 37 | --- | Collision: 0 | ep\_r: -15.9 | step: 300 | pose\_error: 0.2124 | orient\_error: 0.0906

Ep: 38 | --- | Collision: 0 | ep\_r: -18.3 | step: 300 | pose\_error: 0.2126 | orient\_error: 0.0581

Ep: 39 | --- | Collision: 0 | ep\_r: -13.9 | step: 300 | pose\_error: 0.1992 | orient\_error: 0.1152

Ep: 40 | --- | Collision: 0 | ep\_r: -21.5 | step: 300 | pose\_error: 0.2026 | orient\_error: 0.0557

Ep: 41 | --- | Collision: 0 | ep\_r: -19.4 | step: 300 | pose\_error: 0.2109 | orient\_error: 0.0266

Ep: 42 | --- | Collision: 0 | ep\_r: -17.9 | step: 300 | pose\_error: 0.2215 | orient\_error: 0.0438

Ep: 43 | --- | Collision: 0 | ep\_r: -13.9 | step: 300 | pose\_error: 0.2056 | orient\_error: 0.0272

Ep: 44 | --- | Collision: 0 | ep\_r: -19.2 | step: 300 | pose\_error: 0.2170 | orient\_error: 0.0243

Ep: 45 | --- | Collision: 0 | ep\_r: -17.6 | step: 300 | pose\_error: 0.2156 | orient\_error: 0.0303

Ep: 46 | --- | Collision: 0 | ep\_r: -18.8 | step: 300 | pose\_error: 0.2199 | orient\_error: 0.0452

Ep: 47 | --- | Collision: 0 | ep\_r: -20.2 | step: 300 | pose\_error: 0.2206 | orient\_error: 0.0307

Ep: 48 | --- | Collision: 0 | ep\_r: -21.3 | step: 300 | pose\_error: 0.2318 | orient\_error: 0.0898

Ep: 49 | --- | Collision: 0 | ep\_r: -16.7 | step: 300 | pose\_error: 0.2280 | orient\_error: 0.0573

Ep: 50 | --- | Collision: 0 | ep\_r: -20.3 | step: 300 | pose\_error: 0.2256 | orient\_error: 0.0408

Ep: 51 | --- | Collision: 0 | ep\_r: -22.5 | step: 300 | pose\_error: 0.2271 | orient\_error: 0.0601

Ep: 52 | --- | Collision: 0 | ep\_r: -16.4 | step: 300 | pose\_error: 0.2331 | orient\_error: 0.0626

Ep: 53 | --- | Collision: 0 | ep\_r: -21.0 | step: 300 | pose\_error: 0.2070 | orient\_error: 0.0599

Ep: 54 | --- | Collision: 0 | ep\_r: -14.6 | step: 300 | pose\_error: 0.2082 | orient\_error: 0.0293

Ep: 55 | --- | Collision: 0 | ep\_r: -17.3 | step: 300 | pose\_error: 0.1997 | orient\_error: 0.0392

Ep: 56 | --- | Collision: 0 | ep\_r: -18.8 | step: 300 | pose\_error: 0.2039 | orient\_error: 0.0216

Ep: 57 | --- | Collision: 0 | ep\_r: -16.3 | step: 300 | pose\_error: 0.2057 | orient\_error: 0.0198

Ep: 58 | --- | Collision: 0 | ep\_r: -21.5 | step: 300 | pose\_error: 0.2130 | orient\_error: 0.0582

Ep: 59 | --- | Collision: 0 | ep\_r: -9.6 | step: 300 | pose\_error: 0.2022 | orient\_error: 0.0236

Ep: 60 | --- | Collision: 0 | ep\_r: -11.9 | step: 300 | pose\_error: 0.2085 | orient\_error: 0.0254

Ep: 61 | --- | Collision: 0 | ep\_r: -18.2 | step: 300 | pose\_error: 0.2088 | orient\_error: 0.0190

Ep: 62 | --- | Collision: 0 | ep\_r: -11.5 | step: 300 | pose\_error: 0.2067 | orient\_error: 0.0380

Ep: 63 | --- | Collision: 0 | ep\_r: -15.5 | step: 300 | pose\_error: 0.2087 | orient\_error: 0.0251

Ep: 64 | --- | Collision: 0 | ep\_r: -10.9 | step: 300 | pose\_error: 0.1937 | orient\_error: 0.0403

Ep: 65 | --- | Collision: 0 | ep\_r: -9.1 | step: 300 | pose\_error: 0.2017 | orient\_error: 0.0311

Ep: 66 | --- | Collision: 0 | ep\_r: -15.8 | step: 300 | pose\_error: 0.2014 | orient\_error: 0.0442

Ep: 67 | --- | Collision: 0 | ep\_r: -8.8 | step: 300 | pose\_error: 0.1979 | orient\_error: 0.0388

Ep: 68 | --- | Collision: 0 | ep\_r: -12.0 | step: 300 | pose\_error: 0.1962 | orient\_error: 0.0192

Ep: 69 | --- | Collision: 0 | ep\_r: -18.4 | step: 300 | pose\_error: 0.2114 | orient\_error: 0.0422

Ep: 70 | --- | Collision: 0 | ep\_r: -11.3 | step: 300 | pose\_error: 0.1954 | orient\_error: 0.0242

Ep: 71 | --- | Collision: 0 | ep\_r: -17.9 | step: 300 | pose\_error: 0.2043 | orient\_error: 0.0879

Ep: 72 | --- | Collision: 0 | ep\_r: -31.1 | step: 300 | pose\_error: 0.2343 | orient\_error: 0.1773

Ep: 73 | --- | Collision: 0 | ep\_r: -15.3 | step: 300 | pose\_error: 0.2091 | orient\_error: 0.0277

Ep: 74 | --- | Collision: 0 | ep\_r: -7.2 | step: 300 | pose\_error: 0.1934 | orient\_error: 0.0315

Ep: 75 | --- | Collision: 0 | ep\_r: -13.4 | step: 300 | pose\_error: 0.2034 | orient\_error: 0.0373

Ep: 76 | --- | Collision: 0 | ep\_r: -13.7 | step: 300 | pose\_error: 0.2126 | orient\_error: 0.0139

Ep: 77 | --- | Collision: 0 | ep\_r: -7.5 | step: 300 | pose\_error: 0.2002 | orient\_error: 0.0220

Ep: 78 | --- | Collision: 0 | ep\_r: -9.2 | step: 300 | pose\_error: 0.2051 | orient\_error: 0.0207

Ep: 79 | --- | Collision: 0 | ep\_r: -11.3 | step: 300 | pose\_error: 0.2047 | orient\_error: 0.0293

Ep: 80 | --- | Collision: 0 | ep\_r: -14.9 | step: 300 | pose\_error: 0.2142 | orient\_error: 0.0203

Ep: 81 | --- | Collision: 0 | ep\_r: -11.7 | step: 300 | pose\_error: 0.2118 | orient\_error: 0.0228

Ep: 82 | --- | Collision: 0 | ep\_r: -13.2 | step: 300 | pose\_error: 0.2126 | orient\_error: 0.0340

Ep: 83 | --- | Collision: 0 | ep\_r: -10.1 | step: 300 | pose\_error: 0.2118 | orient\_error: 0.0364

Ep: 84 | --- | Collision: 0 | ep\_r: -13.0 | step: 300 | pose\_error: 0.2159 | orient\_error: 0.0248

Ep: 85 | --- | Collision: 0 | ep\_r: -15.6 | step: 300 | pose\_error: 0.2081 | orient\_error: 0.0318

Ep: 86 | --- | Collision: 0 | ep\_r: -14.9 | step: 300 | pose\_error: 0.2027 | orient\_error: 0.0258

Ep: 87 | --- | Collision: 0 | ep\_r: -6.5 | step: 300 | pose\_error: 0.2031 | orient\_error: 0.0290

Ep: 88 | --- | Collision: 0 | ep\_r: -8.8 | step: 300 | pose\_error: 0.2045 | orient\_error: 0.0294

Ep: 89 | --- | Collision: 0 | ep\_r: -8.4 | step: 300 | pose\_error: 0.1982 | orient\_error: 0.0179

Ep: 90 | --- | Collision: 0 | ep\_r: -6.5 | step: 300 | pose\_error: 0.1916 | orient\_error: 0.0368

Ep: 91 | --- | Collision: 0 | ep\_r: -8.5 | step: 300 | pose\_error: 0.1961 | orient\_error: 0.0290

Ep: 92 | --- | Collision: 0 | ep\_r: -9.4 | step: 300 | pose\_error: 0.2055 | orient\_error: 0.0353

Ep: 93 | --- | Collision: 0 | ep\_r: -15.9 | step: 300 | pose\_error: 0.2172 | orient\_error: 0.0300

Ep: 94 | --- | Collision: 0 | ep\_r: -4.4 | step: 300 | pose\_error: 0.2026 | orient\_error: 0.0265

Ep: 95 | --- | Collision: 0 | ep\_r: -13.5 | step: 300 | pose\_error: 0.2119 | orient\_error: 0.0247

Ep: 96 | --- | Collision: 0 | ep\_r: -5.8 | step: 300 | pose\_error: 0.2012 | orient\_error: 0.0258

Ep: 97 | --- | Collision: 0 | ep\_r: -4.7 | step: 300 | pose\_error: 0.2105 | orient\_error: 0.0340

Ep: 98 | --- | Collision: 0 | ep\_r: -12.4 | step: 300 | pose\_error: 0.2075 | orient\_error: 0.0251

Ep: 99 | --- | Collision: 0 | ep\_r: -4.4 | step: 300 | pose\_error: 0.1925 | orient\_error: 0.0271

Ep: 100 | --- | Collision: 0 | ep\_r: -8.8 | step: 300 | pose\_error: 0.1981 | orient\_error: 0.0192

Ep: 101 | --- | Collision: 0 | ep\_r: -8.0 | step: 300 | pose\_error: 0.1925 | orient\_error: 0.0159

Ep: 102 | --- | Collision: 0 | ep\_r: -7.5 | step: 300 | pose\_error: 0.2033 | orient\_error: 0.0373

Ep: 103 | --- | Collision: 0 | ep\_r: -17.5 | step: 300 | pose\_error: 0.1998 | orient\_error: 0.0219

Ep: 104 | --- | Collision: 0 | ep\_r: -6.4 | step: 300 | pose\_error: 0.1877 | orient\_error: 0.0197

Ep: 105 | --- | Collision: 0 | ep\_r: -16.8 | step: 300 | pose\_error: 0.2094 | orient\_error: 0.0216

Ep: 106 | --- | Collision: 0 | ep\_r: -7.8 | step: 300 | pose\_error: 0.2068 | orient\_error: 0.0114

Ep: 107 | --- | Collision: 0 | ep\_r: -11.5 | step: 300 | pose\_error: 0.2016 | orient\_error: 0.0397

Ep: 108 | --- | Collision: 0 | ep\_r: -11.5 | step: 300 | pose\_error: 0.2150 | orient\_error: 0.0488

Ep: 109 | --- | Collision: 0 | ep\_r: -5.1 | step: 300 | pose\_error: 0.1912 | orient\_error: 0.0302

Ep: 110 | --- | Collision: 0 | ep\_r: -13.9 | step: 300 | pose\_error: 0.1980 | orient\_error: 0.0255

Ep: 111 | --- | Collision: 0 | ep\_r: -2.2 | step: 300 | pose\_error: 0.1799 | orient\_error: 0.0200

Ep: 112 | --- | Collision: 0 | ep\_r: -14.2 | step: 300 | pose\_error: 0.1886 | orient\_error: 0.0206

Ep: 113 | --- | Collision: 0 | ep\_r: -6.2 | step: 300 | pose\_error: 0.1861 | orient\_error: 0.0326

Ep: 114 | --- | Collision: 0 | ep\_r: -10.2 | step: 300 | pose\_error: 0.2042 | orient\_error: 0.0299

Ep: 115 | --- | Collision: 0 | ep\_r: -6.5 | step: 300 | pose\_error: 0.1799 | orient\_error: 0.0323

Ep: 116 | --- | Collision: 0 | ep\_r: -10.0 | step: 300 | pose\_error: 0.1907 | orient\_error: 0.0186

Ep: 117 | --- | Collision: 0 | ep\_r: -3.8 | step: 300 | pose\_error: 0.1822 | orient\_error: 0.0191

Ep: 118 | --- | Collision: 0 | ep\_r: -9.3 | step: 300 | pose\_error: 0.1903 | orient\_error: 0.0197

Ep: 119 | --- | Collision: 0 | ep\_r: 0.0 | step: 300 | pose\_error: 0.1819 | orient\_error: 0.0164

Ep: 120 | --- | Collision: 0 | ep\_r: 2.3 | step: 300 | pose\_error: 0.1920 | orient\_error: 0.0225

Ep: 121 | --- | Collision: 0 | ep\_r: -9.2 | step: 300 | pose\_error: 0.2141 | orient\_error: 0.0182

Ep: 122 | --- | Collision: 0 | ep\_r: -10.5 | step: 300 | pose\_error: 0.1887 | orient\_error: 0.0189

Ep: 123 | --- | Collision: 0 | ep\_r: -7.0 | step: 300 | pose\_error: 0.1859 | orient\_error: 0.0153

Ep: 124 | --- | Collision: 0 | ep\_r: -1.6 | step: 300 | pose\_error: 0.1874 | orient\_error: 0.0187

Ep: 125 | --- | Collision: 0 | ep\_r: -9.1 | step: 300 | pose\_error: 0.1906 | orient\_error: 0.0155

Ep: 126 | --- | Collision: 0 | ep\_r: -9.1 | step: 300 | pose\_error: 0.1907 | orient\_error: 0.0070

Ep: 127 | --- | Collision: 0 | ep\_r: 1.5 | step: 300 | pose\_error: 0.1765 | orient\_error: 0.0038

Ep: 128 | --- | Collision: 0 | ep\_r: -8.5 | step: 300 | pose\_error: 0.1887 | orient\_error: 0.0138

Ep: 129 | --- | Collision: 0 | ep\_r: -1.1 | step: 300 | pose\_error: 0.1681 | orient\_error: 0.0098

Ep: 130 | --- | Collision: 0 | ep\_r: -3.3 | step: 300 | pose\_error: 0.1740 | orient\_error: 0.0088

Ep: 131 | --- | Collision: 0 | ep\_r: 0.2 | step: 300 | pose\_error: 0.1744 | orient\_error: 0.0114

Ep: 132 | --- | Collision: 0 | ep\_r: 0.5 | step: 300 | pose\_error: 0.1581 | orient\_error: 0.0097

Ep: 133 | --- | Collision: 0 | ep\_r: 1.2 | step: 300 | pose\_error: 0.1671 | orient\_error: 0.0244

Ep: 134 | --- | Collision: 0 | ep\_r: -5.5 | step: 300 | pose\_error: 0.1673 | orient\_error: 0.0104

Ep: 135 | --- | Collision: 0 | ep\_r: -5.6 | step: 300 | pose\_error: 0.1665 | orient\_error: 0.0098

Ep: 136 | --- | Collision: 0 | ep\_r: 2.2 | step: 300 | pose\_error: 0.1607 | orient\_error: 0.0127

Ep: 137 | --- | Collision: 0 | ep\_r: -5.0 | step: 300 | pose\_error: 0.1621 | orient\_error: 0.0170

Ep: 138 | --- | Collision: 0 | ep\_r: 0.4 | step: 300 | pose\_error: 0.1612 | orient\_error: 0.0138

Ep: 139 | --- | Collision: 0 | ep\_r: -4.9 | step: 300 | pose\_error: 0.1624 | orient\_error: 0.0140

Ep: 140 | --- | Collision: 0 | ep\_r: 3.6 | step: 300 | pose\_error: 0.1490 | orient\_error: 0.0133

Ep: 141 | --- | Collision: 0 | ep\_r: 2.7 | step: 300 | pose\_error: 0.1389 | orient\_error: 0.0158

Ep: 142 | --- | Collision: 0 | ep\_r: -4.0 | step: 300 | pose\_error: 0.1473 | orient\_error: 0.0490

Ep: 143 | --- | Collision: 0 | ep\_r: 3.7 | step: 300 | pose\_error: 0.1481 | orient\_error: 0.0281

Ep: 144 | --- | Collision: 0 | ep\_r: 0.1 | step: 300 | pose\_error: 0.1543 | orient\_error: 0.0132

Ep: 145 | --- | Collision: 0 | ep\_r: -4.3 | step: 300 | pose\_error: 0.1588 | orient\_error: 0.0094

Ep: 146 | --- | Collision: 0 | ep\_r: 5.7 | step: 300 | pose\_error: 0.1451 | orient\_error: 0.0113

Ep: 147 | --- | Collision: 0 | ep\_r: -4.0 | step: 300 | pose\_error: 0.1575 | orient\_error: 0.0147

Ep: 148 | --- | Collision: 0 | ep\_r: -2.7 | step: 300 | pose\_error: 0.1530 | orient\_error: 0.0171

Ep: 149 | --- | Collision: 0 | ep\_r: 3.3 | step: 300 | pose\_error: 0.1504 | orient\_error: 0.0153

Ep: 150 | --- | Collision: 0 | ep\_r: 3.9 | step: 300 | pose\_error: 0.1497 | orient\_error: 0.0160

Ep: 151 | --- | Collision: 0 | ep\_r: 0.1 | step: 300 | pose\_error: 0.1491 | orient\_error: 0.0162

Ep: 152 | --- | Collision: 0 | ep\_r: -11.2 | step: 300 | pose\_error: 0.1337 | orient\_error: 0.0298

Ep: 153 | --- | Collision: 0 | ep\_r: -34.7 | step: 300 | pose\_error: 0.1061 | orient\_error: 0.0381

Ep: 154 | --- | Collision: 1 | ep\_r: -48.5 | step: 300 | pose\_error: 0.1213 | orient\_error: 0.2172

Ep: 155 | --- | Collision: 0 | ep\_r: -4.8 | step: 300 | pose\_error: 0.1414 | orient\_error: 0.0239

Ep: 156 | --- | Collision: 0 | ep\_r: -16.4 | step: 300 | pose\_error: 0.1606 | orient\_error: 0.0183

Ep: 157 | --- | Collision: 0 | ep\_r: -1.5 | step: 300 | pose\_error: 0.1337 | orient\_error: 0.0859

Ep: 158 | --- | Collision: 0 | ep\_r: -7.4 | step: 300 | pose\_error: 0.1502 | orient\_error: 0.0619

Ep: 159 | --- | Collision: 0 | ep\_r: -4.3 | step: 300 | pose\_error: 0.1536 | orient\_error: 0.0452

Ep: 160 | --- | Collision: 0 | ep\_r: -3.5 | step: 300 | pose\_error: 0.1547 | orient\_error: 0.0478

Ep: 161 | --- | Collision: 0 | ep\_r: -8.5 | step: 300 | pose\_error: 0.1364 | orient\_error: 0.1915

Ep: 162 | --- | Collision: 0 | ep\_r: -5.3 | step: 300 | pose\_error: 0.1501 | orient\_error: 0.0765

Ep: 163 | --- | Collision: 0 | ep\_r: -3.3 | step: 300 | pose\_error: 0.1314 | orient\_error: 0.1020

Ep: 164 | --- | Collision: 0 | ep\_r: 2.2 | step: 300 | pose\_error: 0.1400 | orient\_error: 0.0302

Ep: 165 | --- | Collision: 0 | ep\_r: 3.9 | step: 300 | pose\_error: 0.1407 | orient\_error: 0.0104

Ep: 166 | --- | Collision: 0 | ep\_r: -1.9 | step: 300 | pose\_error: 0.1328 | orient\_error: 0.0417

Ep: 167 | --- | Collision: 0 | ep\_r: 9.9 | step: 300 | pose\_error: 0.1171 | orient\_error: 0.0220

Ep: 168 | --- | Collision: 0 | ep\_r: 12.8 | step: 300 | pose\_error: 0.1295 | orient\_error: 0.0151

Ep: 169 | --- | Collision: 0 | ep\_r: 3.4 | step: 300 | pose\_error: 0.1341 | orient\_error: 0.0208

Ep: 170 | --- | Collision: 0 | ep\_r: 14.6 | step: 300 | pose\_error: 0.1227 | orient\_error: 0.0106

Ep: 171 | --- | Collision: 0 | ep\_r: 3.7 | step: 300 | pose\_error: 0.1407 | orient\_error: 0.0139

Ep: 172 | --- | Collision: 0 | ep\_r: 8.8 | step: 300 | pose\_error: 0.1312 | orient\_error: 0.0169

Ep: 173 | --- | Collision: 0 | ep\_r: 13.2 | step: 300 | pose\_error: 0.1237 | orient\_error: 0.0058

Ep: 174 | --- | Collision: 0 | ep\_r: 10.6 | step: 300 | pose\_error: 0.1262 | orient\_error: 0.0065

Ep: 175 | --- | Collision: 0 | ep\_r: 12.9 | step: 300 | pose\_error: 0.1254 | orient\_error: 0.0071

Ep: 176 | --- | Collision: 0 | ep\_r: 10.9 | step: 300 | pose\_error: 0.1249 | orient\_error: 0.0188

Ep: 177 | --- | Collision: 0 | ep\_r: 17.3 | step: 300 | pose\_error: 0.1214 | orient\_error: 0.0090

Ep: 178 | --- | Collision: 0 | ep\_r: 3.8 | step: 300 | pose\_error: 0.1329 | orient\_error: 0.0295

Ep: 179 | --- | Collision: 0 | ep\_r: 7.9 | step: 300 | pose\_error: 0.1381 | orient\_error: 0.0348

Ep: 180 | --- | Collision: 0 | ep\_r: 9.4 | step: 300 | pose\_error: 0.1351 | orient\_error: 0.0360

Ep: 181 | --- | Collision: 0 | ep\_r: 21.0 | step: 300 | pose\_error: 0.1092 | orient\_error: 0.0289

Ep: 182 | --- | Collision: 0 | ep\_r: 16.2 | step: 300 | pose\_error: 0.1136 | orient\_error: 0.0343

Ep: 183 | --- | Collision: 0 | ep\_r: 8.0 | step: 300 | pose\_error: 0.1313 | orient\_error: 0.0068

Ep: 184 | --- | Collision: 0 | ep\_r: 20.0 | step: 300 | pose\_error: 0.1173 | orient\_error: 0.0338

Ep: 185 | --- | Collision: 0 | ep\_r: 19.5 | step: 300 | pose\_error: 0.1199 | orient\_error: 0.0130

Ep: 186 | --- | Collision: 0 | ep\_r: 17.9 | step: 300 | pose\_error: 0.1062 | orient\_error: 0.0472

Ep: 187 | --- | Collision: 0 | ep\_r: 15.4 | step: 300 | pose\_error: 0.1174 | orient\_error: 0.0227

Ep: 188 | --- | Collision: 0 | ep\_r: 12.4 | step: 300 | pose\_error: 0.1255 | orient\_error: 0.0247

Ep: 189 | --- | Collision: 0 | ep\_r: 11.1 | step: 300 | pose\_error: 0.1206 | orient\_error: 0.0187

Ep: 190 | --- | Collision: 0 | ep\_r: 19.1 | step: 300 | pose\_error: 0.1165 | orient\_error: 0.0352

Ep: 191 | --- | Collision: 0 | ep\_r: 16.8 | step: 300 | pose\_error: 0.1182 | orient\_error: 0.0323

Ep: 192 | --- | Collision: 0 | ep\_r: -4.1 | step: 300 | pose\_error: 0.1239 | orient\_error: 0.0132

Ep: 193 | --- | Collision: 0 | ep\_r: 9.9 | step: 300 | pose\_error: 0.1336 | orient\_error: 0.0150

Ep: 194 | --- | Collision: 0 | ep\_r: 11.2 | step: 300 | pose\_error: 0.1284 | orient\_error: 0.0215

Ep: 195 | --- | Collision: 0 | ep\_r: 12.2 | step: 300 | pose\_error: 0.1216 | orient\_error: 0.0187

Ep: 196 | --- | Collision: 0 | ep\_r: 12.1 | step: 300 | pose\_error: 0.1276 | orient\_error: 0.0220

Ep: 197 | --- | Collision: 0 | ep\_r: 12.2 | step: 300 | pose\_error: 0.1267 | orient\_error: 0.0252

Ep: 198 | --- | Collision: 0 | ep\_r: 10.9 | step: 300 | pose\_error: 0.1206 | orient\_error: 0.0388

Ep: 199 | --- | Collision: 0 | ep\_r: 14.8 | step: 300 | pose\_error: 0.1206 | orient\_error: 0.0277

Ep: 200 | --- | Collision: 0 | ep\_r: 15.8 | step: 300 | pose\_error: 0.1170 | orient\_error: 0.0157

Ep: 201 | --- | Collision: 0 | ep\_r: 13.6 | step: 300 | pose\_error: 0.1284 | orient\_error: 0.0461

Ep: 202 | --- | Collision: 0 | ep\_r: 16.0 | step: 300 | pose\_error: 0.1178 | orient\_error: 0.0167

Ep: 203 | --- | Collision: 0 | ep\_r: 15.7 | step: 300 | pose\_error: 0.1179 | orient\_error: 0.0300

Ep: 204 | --- | Collision: 0 | ep\_r: 22.5 | step: 300 | pose\_error: 0.1090 | orient\_error: 0.0330

Ep: 205 | --- | Collision: 0 | ep\_r: 18.4 | step: 300 | pose\_error: 0.1117 | orient\_error: 0.0233

Ep: 206 | --- | Collision: 0 | ep\_r: 24.2 | step: 300 | pose\_error: 0.1083 | orient\_error: 0.0157

Ep: 207 | --- | Collision: 0 | ep\_r: 18.3 | step: 300 | pose\_error: 0.1124 | orient\_error: 0.0267

Ep: 208 | --- | Collision: 0 | ep\_r: 17.5 | step: 300 | pose\_error: 0.1159 | orient\_error: 0.0315

Ep: 209 | --- | Collision: 0 | ep\_r: 23.4 | step: 300 | pose\_error: 0.1073 | orient\_error: 0.0328

Ep: 210 | --- | Collision: 0 | ep\_r: 16.5 | step: 300 | pose\_error: 0.1110 | orient\_error: 0.0494

Ep: 211 | --- | Collision: 0 | ep\_r: 26.7 | step: 300 | pose\_error: 0.1039 | orient\_error: 0.0299

Ep: 212 | --- | Collision: 0 | ep\_r: 21.7 | step: 300 | pose\_error: 0.1126 | orient\_error: 0.0311

Ep: 213 | --- | Collision: 0 | ep\_r: 25.2 | step: 300 | pose\_error: 0.1019 | orient\_error: 0.0361

Ep: 214 | --- | Collision: 0 | ep\_r: 25.0 | step: 300 | pose\_error: 0.0991 | orient\_error: 0.0367

Ep: 215 | --- | Collision: 0 | ep\_r: 20.8 | step: 300 | pose\_error: 0.1066 | orient\_error: 0.0542

Ep: 216 | --- | Collision: 0 | ep\_r: 27.1 | step: 300 | pose\_error: 0.0946 | orient\_error: 0.0474

Ep: 217 | --- | Collision: 0 | ep\_r: 29.7 | step: 300 | pose\_error: 0.1015 | orient\_error: 0.0326

Ep: 218 | --- | Collision: 0 | ep\_r: 23.9 | step: 300 | pose\_error: 0.1003 | orient\_error: 0.0390

Ep: 219 | --- | Collision: 0 | ep\_r: 29.6 | step: 300 | pose\_error: 0.1003 | orient\_error: 0.0395

Ep: 220 | --- | Collision: 0 | ep\_r: 26.0 | step: 300 | pose\_error: 0.0813 | orient\_error: 0.0494

Ep: 221 | --- | Collision: 0 | ep\_r: 34.9 | step: 300 | pose\_error: 0.0917 | orient\_error: 0.0344

Ep: 222 | --- | Collision: 0 | ep\_r: 23.4 | step: 300 | pose\_error: 0.0988 | orient\_error: 0.0549

Ep: 223 | --- | Collision: 0 | ep\_r: 36.4 | step: 300 | pose\_error: 0.0698 | orient\_error: 0.0653

Ep: 224 | --- | Collision: 0 | ep\_r: 31.6 | step: 300 | pose\_error: 0.0619 | orient\_error: 0.0705

Ep: 225 | --- | Collision: 0 | ep\_r: 24.7 | step: 300 | pose\_error: 0.1005 | orient\_error: 0.0607

Ep: 226 | --- | Collision: 0 | ep\_r: 34.9 | step: 300 | pose\_error: 0.0687 | orient\_error: 0.0730

Ep: 227 | --- | Collision: 0 | ep\_r: 37.1 | step: 300 | pose\_error: 0.0819 | orient\_error: 0.0607

Ep: 228 | --- | Collision: 0 | ep\_r: 38.0 | step: 300 | pose\_error: 0.0626 | orient\_error: 0.0654

Ep: 229 | --- | Collision: 0 | ep\_r: 41.8 | step: 300 | pose\_error: 0.0497 | orient\_error: 0.0734

Ep: 230 | --- | Collision: 0 | ep\_r: 42.8 | step: 300 | pose\_error: 0.0755 | orient\_error: 0.0642

Ep: 231 | --- | Collision: 0 | ep\_r: 46.1 | step: 300 | pose\_error: 0.0788 | orient\_error: 0.0259

Ep: 232 | --- | Collision: 0 | ep\_r: 48.2 | step: 300 | pose\_error: 0.0345 | orient\_error: 0.1356

Ep: 233 | --- | Collision: 1 | ep\_r: -1.9 | step: 300 | pose\_error: 0.0656 | orient\_error: 0.2194

Ep: 234 | --- | Collision: 1 | ep\_r: -126.8 | step: 300 | pose\_error: 0.1044 | orient\_error: 0.4574

Ep: 235 | --- | Collision: 1 | ep\_r: -49.1 | step: 300 | pose\_error: 0.0605 | orient\_error: 0.3262

Ep: 236 | --- | Collision: 1 | ep\_r: -45.2 | step: 300 | pose\_error: 0.0706 | orient\_error: 0.1990

Ep: 237 | --- | Collision: 1 | ep\_r: -88.8 | step: 300 | pose\_error: 0.0349 | orient\_error: 0.2362

Ep: 238 | --- | Collision: 1 | ep\_r: -21.3 | step: 300 | pose\_error: 0.0482 | orient\_error: 0.1867

Ep: 239 | --- | Collision: 0 | ep\_r: 14.9 | step: 300 | pose\_error: 0.0578 | orient\_error: 0.2030

Ep: 240 | --- | Collision: 0 | ep\_r: -6.3 | step: 300 | pose\_error: 0.0850 | orient\_error: 0.1775

Ep: 241 | --- | Collision: 1 | ep\_r: -61.5 | step: 300 | pose\_error: 0.1014 | orient\_error: 0.2495

Ep: 242 | --- | Collision: 0 | ep\_r: 24.3 | step: 300 | pose\_error: 0.0760 | orient\_error: 0.1236

Ep: 243 | --- | Collision: 0 | ep\_r: 15.3 | step: 300 | pose\_error: 0.0630 | orient\_error: 0.1846

Ep: 244 | --- | Collision: 0 | ep\_r: 46.8 | step: 300 | pose\_error: 0.0715 | orient\_error: 0.1451

Ep: 245 | --- | Collision: 0 | ep\_r: 31.5 | step: 300 | pose\_error: 0.0649 | orient\_error: 0.1440

Ep: 246 | --- | Collision: 0 | ep\_r: 29.6 | step: 300 | pose\_error: 0.0569 | orient\_error: 0.1376

Ep: 247 | --- | Collision: 0 | ep\_r: 42.1 | step: 300 | pose\_error: 0.0307 | orient\_error: 0.1333

Ep: 248 | --- | Collision: 0 | ep\_r: 46.7 | step: 300 | pose\_error: 0.0452 | orient\_error: 0.1396

Ep: 249 | --- | Collision: 0 | ep\_r: 49.9 | step: 300 | pose\_error: 0.0500 | orient\_error: 0.1215

Ep: 250 | --- | Collision: 0 | ep\_r: 60.8 | step: 300 | pose\_error: 0.0347 | orient\_error: 0.1084

Ep: 251 | --- | Collision: 0 | ep\_r: 65.1 | step: 300 | pose\_error: 0.0280 | orient\_error: 0.1180

Ep: 252 | --- | Collision: 0 | ep\_r: 67.1 | step: 300 | pose\_error: 0.0227 | orient\_error: 0.1294

Ep: 253 | --- | Collision: 0 | ep\_r: 62.6 | step: 300 | pose\_error: 0.0371 | orient\_error: 0.0800

Ep: 254 | --- | Collision: 0 | ep\_r: 55.9 | step: 300 | pose\_error: 0.0361 | orient\_error: 0.1118

Ep: 255 | --- | Collision: 0 | ep\_r: 68.9 | step: 300 | pose\_error: 0.0295 | orient\_error: 0.1134

Ep: 256 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0288 | orient\_error: 0.1220

Ep: 257 | --- | Collision: 0 | ep\_r: 61.1 | step: 300 | pose\_error: 0.0317 | orient\_error: 0.1187

Ep: 258 | --- | Collision: 0 | ep\_r: 63.7 | step: 300 | pose\_error: 0.0302 | orient\_error: 0.0942

Ep: 259 | --- | Collision: 0 | ep\_r: 68.9 | step: 300 | pose\_error: 0.0270 | orient\_error: 0.0902

Ep: 260 | --- | Collision: 0 | ep\_r: 69.0 | step: 300 | pose\_error: 0.0293 | orient\_error: 0.0934

Ep: 261 | --- | Collision: 0 | ep\_r: 66.1 | step: 300 | pose\_error: 0.0372 | orient\_error: 0.0905

Ep: 262 | --- | Collision: 0 | ep\_r: 71.5 | step: 300 | pose\_error: 0.0246 | orient\_error: 0.0811

Ep: 263 | --- | Collision: 0 | ep\_r: 67.9 | step: 300 | pose\_error: 0.0358 | orient\_error: 0.0980

Ep: 264 | --- | Collision: 0 | ep\_r: 75.7 | step: 300 | pose\_error: 0.0234 | orient\_error: 0.0939

Ep: 265 | --- | Collision: 0 | ep\_r: 69.2 | step: 300 | pose\_error: 0.0320 | orient\_error: 0.0955

Ep: 266 | --- | Collision: 0 | ep\_r: 76.3 | step: 300 | pose\_error: 0.0314 | orient\_error: 0.0958

Ep: 267 | --- | Collision: 0 | ep\_r: 70.9 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0930

Ep: 268 | --- | Collision: 0 | ep\_r: 64.6 | step: 300 | pose\_error: 0.0434 | orient\_error: 0.0874

Ep: 269 | --- | Collision: 0 | ep\_r: 70.4 | step: 300 | pose\_error: 0.0282 | orient\_error: 0.0984

Ep: 270 | --- | Collision: 0 | ep\_r: 64.2 | step: 300 | pose\_error: 0.0288 | orient\_error: 0.0807

Ep: 271 | --- | Collision: 0 | ep\_r: 70.5 | step: 300 | pose\_error: 0.0357 | orient\_error: 0.1016

Ep: 272 | --- | Collision: 0 | ep\_r: 59.1 | step: 300 | pose\_error: 0.0296 | orient\_error: 0.1002

Ep: 273 | --- | Collision: 0 | ep\_r: 73.3 | step: 300 | pose\_error: 0.0269 | orient\_error: 0.0976

Ep: 274 | --- | Collision: 0 | ep\_r: 72.2 | step: 300 | pose\_error: 0.0334 | orient\_error: 0.0755

Ep: 275 | --- | Collision: 0 | ep\_r: 68.6 | step: 300 | pose\_error: 0.0296 | orient\_error: 0.0947

Ep: 276 | --- | Collision: 0 | ep\_r: 74.6 | step: 300 | pose\_error: 0.0282 | orient\_error: 0.0880

Ep: 277 | --- | Collision: 0 | ep\_r: 75.5 | step: 300 | pose\_error: 0.0229 | orient\_error: 0.0932

Ep: 278 | --- | Collision: 0 | ep\_r: 69.1 | step: 300 | pose\_error: 0.0262 | orient\_error: 0.0993

Ep: 279 | --- | Collision: 0 | ep\_r: 72.3 | step: 300 | pose\_error: 0.0261 | orient\_error: 0.0834

Ep: 280 | --- | Collision: 0 | ep\_r: 80.2 | step: 300 | pose\_error: 0.0218 | orient\_error: 0.0840

Ep: 281 | --- | Collision: 0 | ep\_r: 81.4 | step: 300 | pose\_error: 0.0224 | orient\_error: 0.0855

Ep: 282 | --- | Collision: 0 | ep\_r: 71.9 | step: 300 | pose\_error: 0.0344 | orient\_error: 0.0866

Ep: 283 | --- | Collision: 0 | ep\_r: 74.3 | step: 300 | pose\_error: 0.0195 | orient\_error: 0.0746

Ep: 284 | --- | Collision: 0 | ep\_r: 85.5 | step: 300 | pose\_error: 0.0184 | orient\_error: 0.0850

Ep: 285 | --- | Collision: 0 | ep\_r: 77.1 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.0738

Ep: 286 | --- | Collision: 0 | ep\_r: 87.5 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0691

Ep: 287 | --- | Collision: 0 | ep\_r: 82.1 | step: 300 | pose\_error: 0.0222 | orient\_error: 0.0714

Ep: 288 | --- | Collision: 0 | ep\_r: 76.7 | step: 300 | pose\_error: 0.0236 | orient\_error: 0.0771

Ep: 289 | --- | Collision: 0 | ep\_r: 82.4 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.0894

Ep: 290 | --- | Collision: 0 | ep\_r: 79.8 | step: 300 | pose\_error: 0.0254 | orient\_error: 0.0692

Ep: 291 | --- | Collision: 0 | ep\_r: 79.1 | step: 300 | pose\_error: 0.0278 | orient\_error: 0.0765

Ep: 292 | --- | Collision: 0 | ep\_r: 82.0 | step: 300 | pose\_error: 0.0275 | orient\_error: 0.0629

Ep: 293 | --- | Collision: 0 | ep\_r: 84.0 | step: 300 | pose\_error: 0.0195 | orient\_error: 0.0666

Ep: 294 | --- | Collision: 0 | ep\_r: 88.0 | step: 300 | pose\_error: 0.0182 | orient\_error: 0.0634

Ep: 295 | --- | Collision: 0 | ep\_r: 84.9 | step: 300 | pose\_error: 0.0218 | orient\_error: 0.0686

Ep: 296 | --- | Collision: 0 | ep\_r: 91.0 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0645

Ep: 297 | --- | Collision: 0 | ep\_r: 86.3 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.0709

Ep: 298 | --- | Collision: 0 | ep\_r: 87.7 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.0577

Ep: 299 | --- | Collision: 0 | ep\_r: 87.8 | step: 300 | pose\_error: 0.0119 | orient\_error: 0.0604

Ep: 300 | --- | Collision: 0 | ep\_r: 92.2 | step: 300 | pose\_error: 0.0099 | orient\_error: 0.0593

Ep: 301 | --- | Collision: 0 | ep\_r: 92.4 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.0541

Ep: 302 | --- | Collision: 0 | ep\_r: 90.8 | step: 300 | pose\_error: 0.0127 | orient\_error: 0.0583

Ep: 303 | --- | Collision: 0 | ep\_r: 90.8 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.0537

Ep: 304 | --- | Collision: 0 | ep\_r: 93.5 | step: 300 | pose\_error: 0.0115 | orient\_error: 0.0819

Ep: 305 | --- | Collision: 0 | ep\_r: 90.3 | step: 300 | pose\_error: 0.0102 | orient\_error: 0.0861

Ep: 306 | --- | Collision: 0 | ep\_r: 86.2 | step: 300 | pose\_error: 0.0175 | orient\_error: 0.0936

Ep: 307 | --- | Collision: 0 | ep\_r: 82.5 | step: 300 | pose\_error: 0.0147 | orient\_error: 0.0922

Ep: 308 | --- | Collision: 1 | ep\_r: -1.3 | step: 300 | pose\_error: 0.0682 | orient\_error: 0.0830

Ep: 309 | --- | Collision: 0 | ep\_r: 80.3 | step: 300 | pose\_error: 0.0185 | orient\_error: 0.0928

Ep: 310 | --- | Collision: 0 | ep\_r: 83.8 | step: 300 | pose\_error: 0.0203 | orient\_error: 0.0840

Ep: 311 | --- | Collision: 0 | ep\_r: 87.0 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.0809

Ep: 312 | --- | Collision: 0 | ep\_r: 90.9 | step: 300 | pose\_error: 0.0114 | orient\_error: 0.0791

Ep: 313 | --- | Collision: 0 | ep\_r: 93.9 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0628

Ep: 314 | --- | Collision: 0 | ep\_r: 87.6 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0758

Ep: 315 | --- | Collision: 0 | ep\_r: 91.1 | step: 300 | pose\_error: 0.0162 | orient\_error: 0.0610

Ep: 316 | --- | Collision: 0 | ep\_r: 87.8 | step: 300 | pose\_error: 0.0055 | orient\_error: 0.0808

Ep: 317 | --- | Collision: 0 | ep\_r: 92.5 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.0665

Ep: 318 | --- | Collision: 0 | ep\_r: 87.8 | step: 300 | pose\_error: 0.0251 | orient\_error: 0.0724

Ep: 319 | --- | Collision: 0 | ep\_r: 91.3 | step: 300 | pose\_error: 0.0190 | orient\_error: 0.0738

Ep: 320 | --- | Collision: 0 | ep\_r: 94.8 | step: 300 | pose\_error: 0.0031 | orient\_error: 0.0685

Ep: 321 | --- | Collision: 0 | ep\_r: 97.8 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0577

Ep: 322 | --- | Collision: 0 | ep\_r: 97.7 | step: 300 | pose\_error: 0.0058 | orient\_error: 0.0667

Ep: 323 | --- | Collision: 0 | ep\_r: 93.2 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0741

Ep: 324 | --- | Collision: 0 | ep\_r: 94.6 | step: 300 | pose\_error: 0.0089 | orient\_error: 0.0590

Ep: 325 | --- | Collision: 0 | ep\_r: 98.0 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.0452

Ep: 326 | --- | Collision: 0 | ep\_r: 89.5 | step: 300 | pose\_error: 0.0193 | orient\_error: 0.0619

Ep: 327 | --- | Collision: 0 | ep\_r: 91.6 | step: 300 | pose\_error: 0.0207 | orient\_error: 0.0608

Ep: 328 | --- | Collision: 0 | ep\_r: 92.7 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.0542

Ep: 329 | --- | Collision: 0 | ep\_r: 94.7 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0551

Ep: 330 | --- | Collision: 0 | ep\_r: 95.4 | step: 300 | pose\_error: 0.0108 | orient\_error: 0.0536

Ep: 331 | --- | Collision: 0 | ep\_r: 99.0 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.0519

Ep: 332 | --- | Collision: 0 | ep\_r: 90.3 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0526

Ep: 333 | --- | Collision: 0 | ep\_r: 91.7 | step: 300 | pose\_error: 0.0055 | orient\_error: 0.0593

Ep: 334 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0213 | orient\_error: 0.0562

Ep: 335 | --- | Collision: 0 | ep\_r: 95.5 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0644

Ep: 336 | --- | Collision: 0 | ep\_r: 96.0 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0610

Ep: 337 | --- | Collision: 0 | ep\_r: 97.5 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.0632

Ep: 338 | --- | Collision: 0 | ep\_r: 100.9 | step: 300 | pose\_error: 0.0010 | orient\_error: 0.0561

Ep: 339 | --- | Collision: 0 | ep\_r: 100.1 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0419

Ep: 340 | --- | Collision: 0 | ep\_r: 100.4 | step: 300 | pose\_error: 0.0048 | orient\_error: 0.0466

Ep: 341 | --- | Collision: 0 | ep\_r: 97.3 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0556

Ep: 342 | --- | Collision: 0 | ep\_r: 96.0 | step: 300 | pose\_error: 0.0207 | orient\_error: 0.0586

Ep: 343 | --- | Collision: 0 | ep\_r: 97.5 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0345

Ep: 344 | --- | Collision: 0 | ep\_r: 100.5 | step: 300 | pose\_error: 0.0083 | orient\_error: 0.0422

Ep: 345 | --- | Collision: 0 | ep\_r: 91.7 | step: 300 | pose\_error: 0.0451 | orient\_error: 0.0314

Ep: 346 | --- | Collision: 0 | ep\_r: 100.5 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.0434

Ep: 347 | --- | Collision: 0 | ep\_r: 99.8 | step: 300 | pose\_error: 0.0151 | orient\_error: 0.0431

Ep: 348 | --- | Collision: 0 | ep\_r: 94.1 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.0472

Ep: 349 | --- | Collision: 0 | ep\_r: 95.8 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.0424

Ep: 350 | --- | Collision: 0 | ep\_r: 95.9 | step: 300 | pose\_error: 0.0042 | orient\_error: 0.0622

Ep: 351 | --- | Collision: 0 | ep\_r: 98.4 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.0437

Ep: 352 | --- | Collision: 0 | ep\_r: 94.9 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0681

Ep: 353 | --- | Collision: 0 | ep\_r: 96.6 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.0478

Ep: 354 | --- | Collision: 0 | ep\_r: 99.7 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.0552

Ep: 355 | --- | Collision: 0 | ep\_r: 98.3 | step: 300 | pose\_error: 0.0157 | orient\_error: 0.0547

Ep: 356 | --- | Collision: 0 | ep\_r: 97.1 | step: 300 | pose\_error: 0.0062 | orient\_error: 0.0698

Ep: 357 | --- | Collision: 0 | ep\_r: 99.9 | step: 300 | pose\_error: 0.0038 | orient\_error: 0.0656

Ep: 358 | --- | Collision: 0 | ep\_r: 98.3 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0495

Ep: 359 | --- | Collision: 0 | ep\_r: 99.6 | step: 300 | pose\_error: 0.0086 | orient\_error: 0.0529

Ep: 360 | --- | Collision: 0 | ep\_r: 100.0 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0713

Ep: 361 | --- | Collision: 0 | ep\_r: 89.9 | step: 300 | pose\_error: 0.0128 | orient\_error: 0.0519

Ep: 362 | --- | Collision: 0 | ep\_r: 95.5 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0535

Ep: 363 | --- | Collision: 0 | ep\_r: 98.3 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0452

Ep: 364 | --- | Collision: 0 | ep\_r: 104.0 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.0438

Ep: 365 | --- | Collision: 0 | ep\_r: 104.8 | step: 300 | pose\_error: 0.0056 | orient\_error: 0.0358

Ep: 366 | --- | Collision: 0 | ep\_r: 102.1 | step: 300 | pose\_error: 0.0099 | orient\_error: 0.0353

Ep: 367 | --- | Collision: 0 | ep\_r: 104.5 | step: 300 | pose\_error: 0.0053 | orient\_error: 0.0334

Ep: 368 | --- | Collision: 0 | ep\_r: 102.0 | step: 300 | pose\_error: 0.0052 | orient\_error: 0.0290

Ep: 369 | --- | Collision: 0 | ep\_r: 106.9 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.0394

Ep: 370 | --- | Collision: 0 | ep\_r: 105.4 | step: 300 | pose\_error: 0.0119 | orient\_error: 0.0316

Ep: 371 | --- | Collision: 0 | ep\_r: 107.0 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0309

Ep: 372 | --- | Collision: 0 | ep\_r: 104.7 | step: 300 | pose\_error: 0.0059 | orient\_error: 0.0375

Ep: 373 | --- | Collision: 0 | ep\_r: 105.2 | step: 300 | pose\_error: 0.0113 | orient\_error: 0.0259

Ep: 374 | --- | Collision: 0 | ep\_r: 107.7 | step: 300 | pose\_error: 0.0026 | orient\_error: 0.0348

Ep: 375 | --- | Collision: 0 | ep\_r: 100.2 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.0254

Ep: 376 | --- | Collision: 0 | ep\_r: 103.8 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0285

Ep: 377 | --- | Collision: 0 | ep\_r: 103.6 | step: 300 | pose\_error: 0.0128 | orient\_error: 0.0172

Ep: 378 | --- | Collision: 0 | ep\_r: 112.2 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0243

Ep: 379 | --- | Collision: 0 | ep\_r: 107.4 | step: 300 | pose\_error: 0.0212 | orient\_error: 0.0450

Ep: 380 | --- | Collision: 0 | ep\_r: 94.2 | step: 300 | pose\_error: 0.0147 | orient\_error: 0.0112

Ep: 381 | --- | Collision: 0 | ep\_r: 77.2 | step: 300 | pose\_error: 0.0722 | orient\_error: 0.1138

Ep: 382 | --- | Collision: 0 | ep\_r: 85.4 | step: 300 | pose\_error: 0.0135 | orient\_error: 0.0164

Ep: 383 | --- | Collision: 0 | ep\_r: 122.8 | step: 300 | pose\_error: 0.0188 | orient\_error: 0.0199

Ep: 384 | --- | Collision: 0 | ep\_r: 80.7 | step: 300 | pose\_error: 0.0166 | orient\_error: 0.0721

Ep: 385 | --- | Collision: 0 | ep\_r: 72.2 | step: 300 | pose\_error: 0.0235 | orient\_error: 0.0418

Ep: 386 | --- | Collision: 0 | ep\_r: 81.4 | step: 300 | pose\_error: 0.0142 | orient\_error: 0.0203

Ep: 387 | --- | Collision: 0 | ep\_r: 74.3 | step: 300 | pose\_error: 0.0238 | orient\_error: 0.0841

Ep: 388 | --- | Collision: 0 | ep\_r: 94.1 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0408

Ep: 389 | --- | Collision: 0 | ep\_r: 92.3 | step: 300 | pose\_error: 0.0238 | orient\_error: 0.0272

Ep: 390 | --- | Collision: 0 | ep\_r: 97.8 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0262

Ep: 391 | --- | Collision: 0 | ep\_r: 99.1 | step: 300 | pose\_error: 0.0217 | orient\_error: 0.0308

Ep: 392 | --- | Collision: 0 | ep\_r: 94.2 | step: 300 | pose\_error: 0.0278 | orient\_error: 0.0294

Ep: 393 | --- | Collision: 0 | ep\_r: 108.2 | step: 300 | pose\_error: 0.0349 | orient\_error: 0.0205

Ep: 394 | --- | Collision: 0 | ep\_r: 97.1 | step: 300 | pose\_error: 0.0219 | orient\_error: 0.0148

Ep: 395 | --- | Collision: 0 | ep\_r: 94.7 | step: 300 | pose\_error: 0.0504 | orient\_error: 0.0518

Ep: 396 | --- | Collision: 0 | ep\_r: 108.5 | step: 300 | pose\_error: 0.0062 | orient\_error: 0.0392

Ep: 397 | --- | Collision: 0 | ep\_r: 97.4 | step: 300 | pose\_error: 0.0149 | orient\_error: 0.0272

Ep: 398 | --- | Collision: 0 | ep\_r: 166.0 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0031

Ep: 399 | done | Collision: 0 | ep\_r: 106.1 | step: 180 | pose\_error: 0.0080 | orient\_error: 0.0191

Ep: 400 | --- | Collision: 0 | ep\_r: 119.0 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.0278

Ep: 401 | --- | Collision: 0 | ep\_r: 95.6 | step: 300 | pose\_error: 0.0144 | orient\_error: 0.0169

Ep: 402 | --- | Collision: 0 | ep\_r: 133.3 | step: 300 | pose\_error: 0.0194 | orient\_error: 0.0082

Ep: 403 | done | Collision: 0 | ep\_r: 138.4 | step: 255 | pose\_error: 0.0086 | orient\_error: 0.0169

Ep: 404 | done | Collision: 0 | ep\_r: 88.5 | step: 150 | pose\_error: 0.0060 | orient\_error: 0.0170

Ep: 405 | --- | Collision: 0 | ep\_r: 122.6 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.0303

Ep: 406 | done | Collision: 0 | ep\_r: 143.9 | step: 256 | pose\_error: 0.0067 | orient\_error: 0.0149

Ep: 407 | --- | Collision: 0 | ep\_r: 118.3 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0241

Ep: 408 | done | Collision: 0 | ep\_r: 185.4 | step: 252 | pose\_error: 0.0022 | orient\_error: 0.0157

Ep: 409 | --- | Collision: 0 | ep\_r: 142.1 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.0300

Ep: 410 | --- | Collision: 0 | ep\_r: 66.6 | step: 300 | pose\_error: 0.0460 | orient\_error: 0.1282

Ep: 411 | --- | Collision: 0 | ep\_r: 68.2 | step: 300 | pose\_error: 0.0180 | orient\_error: 0.0688

Ep: 412 | --- | Collision: 0 | ep\_r: 85.9 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.0553

Ep: 413 | --- | Collision: 0 | ep\_r: 79.7 | step: 300 | pose\_error: 0.0459 | orient\_error: 0.0610

Ep: 414 | --- | Collision: 0 | ep\_r: 75.2 | step: 300 | pose\_error: 0.0449 | orient\_error: 0.0701

Ep: 415 | --- | Collision: 0 | ep\_r: 93.3 | step: 300 | pose\_error: 0.0183 | orient\_error: 0.0280

Ep: 416 | --- | Collision: 0 | ep\_r: 99.7 | step: 300 | pose\_error: 0.0151 | orient\_error: 0.0111

Ep: 417 | --- | Collision: 0 | ep\_r: 99.0 | step: 300 | pose\_error: 0.0083 | orient\_error: 0.0316

Ep: 418 | --- | Collision: 0 | ep\_r: 106.1 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0223

Ep: 419 | --- | Collision: 0 | ep\_r: 107.4 | step: 300 | pose\_error: 0.0110 | orient\_error: 0.0413

Ep: 420 | --- | Collision: 0 | ep\_r: 105.1 | step: 300 | pose\_error: 0.0200 | orient\_error: 0.0270

Ep: 421 | --- | Collision: 0 | ep\_r: 94.9 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0576

Ep: 422 | --- | Collision: 0 | ep\_r: 85.0 | step: 300 | pose\_error: 0.0495 | orient\_error: 0.0928

Ep: 423 | --- | Collision: 1 | ep\_r: 64.1 | step: 300 | pose\_error: 0.0560 | orient\_error: 0.1481

Ep: 424 | --- | Collision: 0 | ep\_r: 93.5 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0243

Ep: 425 | --- | Collision: 0 | ep\_r: 106.4 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0188

Ep: 426 | --- | Collision: 0 | ep\_r: 94.7 | step: 300 | pose\_error: 0.0111 | orient\_error: 0.0118

Ep: 427 | --- | Collision: 0 | ep\_r: 158.0 | step: 300 | pose\_error: 0.0241 | orient\_error: 0.0357

Ep: 428 | --- | Collision: 0 | ep\_r: 96.1 | step: 300 | pose\_error: 0.0199 | orient\_error: 0.0364

Ep: 429 | done | Collision: 0 | ep\_r: 122.3 | step: 228 | pose\_error: 0.0072 | orient\_error: 0.0162

Ep: 430 | done | Collision: 0 | ep\_r: 128.9 | step: 239 | pose\_error: 0.0052 | orient\_error: 0.0143

Ep: 431 | --- | Collision: 0 | ep\_r: 135.1 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.0185

Ep: 432 | done | Collision: 0 | ep\_r: 134.8 | step: 267 | pose\_error: 0.0044 | orient\_error: 0.0074

Ep: 433 | --- | Collision: 0 | ep\_r: 109.3 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0320

Ep: 434 | --- | Collision: 0 | ep\_r: 130.1 | step: 300 | pose\_error: 0.0014 | orient\_error: 0.0147

Ep: 435 | --- | Collision: 1 | ep\_r: 132.6 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.0151

Ep: 436 | --- | Collision: 1 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0169 | orient\_error: 0.0252

Ep: 437 | done | Collision: 1 | ep\_r: 132.0 | step: 252 | pose\_error: 0.0043 | orient\_error: 0.0089

Ep: 438 | --- | Collision: 1 | ep\_r: 131.9 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.0096

Ep: 439 | done | Collision: 1 | ep\_r: 142.8 | step: 238 | pose\_error: 0.0065 | orient\_error: 0.0112

Ep: 440 | --- | Collision: 1 | ep\_r: 147.1 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0175

Ep: 441 | done | Collision: 0 | ep\_r: 102.1 | step: 182 | pose\_error: 0.0059 | orient\_error: 0.0124

Ep: 442 | done | Collision: 0 | ep\_r: 150.9 | step: 266 | pose\_error: 0.0034 | orient\_error: 0.0175

Ep: 443 | done | Collision: 0 | ep\_r: 98.9 | step: 172 | pose\_error: 0.0041 | orient\_error: 0.0112

Ep: 444 | --- | Collision: 0 | ep\_r: 119.4 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0143

Ep: 445 | --- | Collision: 0 | ep\_r: 131.4 | step: 300 | pose\_error: 0.0057 | orient\_error: 0.0148

Ep: 446 | --- | Collision: 0 | ep\_r: 133.0 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0100

Ep: 447 | done | Collision: 0 | ep\_r: 115.4 | step: 209 | pose\_error: 0.0033 | orient\_error: 0.0203

Ep: 448 | --- | Collision: 0 | ep\_r: 100.7 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.0191

Ep: 449 | --- | Collision: 0 | ep\_r: 122.4 | step: 300 | pose\_error: 0.0144 | orient\_error: 0.0238

Ep: 450 | --- | Collision: 0 | ep\_r: 139.4 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0131

Ep: 451 | --- | Collision: 0 | ep\_r: 102.8 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.0227

Ep: 452 | --- | Collision: 0 | ep\_r: 163.8 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.0309

Ep: 453 | --- | Collision: 0 | ep\_r: 175.3 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.0096

Ep: 454 | done | Collision: 0 | ep\_r: 155.7 | step: 221 | pose\_error: 0.0051 | orient\_error: 0.0110

Ep: 455 | --- | Collision: 0 | ep\_r: 208.7 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.0070

Ep: 456 | done | Collision: 0 | ep\_r: 205.1 | step: 288 | pose\_error: 0.0067 | orient\_error: 0.0104

Ep: 457 | done | Collision: 0 | ep\_r: 116.8 | step: 213 | pose\_error: 0.0052 | orient\_error: 0.0221

Ep: 458 | done | Collision: 0 | ep\_r: 104.4 | step: 188 | pose\_error: 0.0016 | orient\_error: 0.0085

Ep: 459 | done | Collision: 0 | ep\_r: 85.7 | step: 142 | pose\_error: 0.0068 | orient\_error: 0.0122

Ep: 460 | --- | Collision: 0 | ep\_r: 151.8 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0107

Ep: 461 | --- | Collision: 0 | ep\_r: 199.0 | step: 300 | pose\_error: 0.0045 | orient\_error: 0.0127

Ep: 462 | done | Collision: 0 | ep\_r: 80.2 | step: 130 | pose\_error: 0.0069 | orient\_error: 0.0140

Ep: 463 | done | Collision: 0 | ep\_r: 87.9 | step: 149 | pose\_error: 0.0029 | orient\_error: 0.0225

Ep: 464 | done | Collision: 0 | ep\_r: 86.5 | step: 142 | pose\_error: 0.0058 | orient\_error: 0.0111

Ep: 465 | done | Collision: 0 | ep\_r: 85.6 | step: 143 | pose\_error: 0.0042 | orient\_error: 0.0198

Ep: 466 | done | Collision: 0 | ep\_r: 93.4 | step: 146 | pose\_error: 0.0049 | orient\_error: 0.0084

Ep: 467 | done | Collision: 0 | ep\_r: 111.4 | step: 175 | pose\_error: 0.0057 | orient\_error: 0.0112

Ep: 468 | done | Collision: 0 | ep\_r: 81.1 | step: 130 | pose\_error: 0.0057 | orient\_error: 0.0161

Ep: 469 | --- | Collision: 0 | ep\_r: 214.8 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0186

Ep: 470 | done | Collision: 0 | ep\_r: 86.6 | step: 145 | pose\_error: 0.0054 | orient\_error: 0.0105

Ep: 471 | done | Collision: 0 | ep\_r: 79.6 | step: 132 | pose\_error: 0.0035 | orient\_error: 0.0046

Ep: 472 | done | Collision: 0 | ep\_r: 170.2 | step: 224 | pose\_error: 0.0027 | orient\_error: 0.0214

Ep: 473 | done | Collision: 0 | ep\_r: 84.3 | step: 138 | pose\_error: 0.0056 | orient\_error: 0.0089

Ep: 474 | done | Collision: 0 | ep\_r: 81.8 | step: 138 | pose\_error: 0.0058 | orient\_error: 0.0101

Ep: 475 | done | Collision: 0 | ep\_r: 93.1 | step: 156 | pose\_error: 0.0051 | orient\_error: 0.0046

Ep: 476 | done | Collision: 0 | ep\_r: 90.2 | step: 150 | pose\_error: 0.0040 | orient\_error: 0.0146

Ep: 477 | done | Collision: 0 | ep\_r: 108.0 | step: 194 | pose\_error: 0.0061 | orient\_error: 0.0106

Ep: 478 | done | Collision: 0 | ep\_r: 85.8 | step: 144 | pose\_error: 0.0069 | orient\_error: 0.0129

Ep: 479 | --- | Collision: 0 | ep\_r: 199.9 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0118

Ep: 480 | done | Collision: 0 | ep\_r: 81.4 | step: 131 | pose\_error: 0.0029 | orient\_error: 0.0077

Ep: 481 | done | Collision: 0 | ep\_r: 100.9 | step: 182 | pose\_error: 0.0068 | orient\_error: 0.0074

Ep: 482 | done | Collision: 0 | ep\_r: 127.8 | step: 172 | pose\_error: 0.0047 | orient\_error: 0.0089

Ep: 483 | done | Collision: 0 | ep\_r: 95.6 | step: 174 | pose\_error: 0.0047 | orient\_error: 0.0076

Ep: 484 | done | Collision: 0 | ep\_r: 78.9 | step: 126 | pose\_error: 0.0036 | orient\_error: 0.0083

Ep: 485 | done | Collision: 0 | ep\_r: 79.2 | step: 124 | pose\_error: 0.0042 | orient\_error: 0.0101

Ep: 486 | done | Collision: 0 | ep\_r: 103.6 | step: 182 | pose\_error: 0.0079 | orient\_error: 0.0178

Ep: 487 | done | Collision: 0 | ep\_r: 81.3 | step: 136 | pose\_error: 0.0064 | orient\_error: 0.0080

Ep: 488 | done | Collision: 0 | ep\_r: 93.2 | step: 159 | pose\_error: 0.0065 | orient\_error: 0.0140

Ep: 489 | done | Collision: 0 | ep\_r: 94.0 | step: 162 | pose\_error: 0.0060 | orient\_error: 0.0077

Ep: 490 | done | Collision: 0 | ep\_r: 87.6 | step: 145 | pose\_error: 0.0030 | orient\_error: 0.0063

Ep: 491 | done | Collision: 0 | ep\_r: 87.5 | step: 148 | pose\_error: 0.0047 | orient\_error: 0.0079

Ep: 492 | --- | Collision: 0 | ep\_r: 183.2 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0090

Ep: 493 | done | Collision: 0 | ep\_r: 80.4 | step: 129 | pose\_error: 0.0015 | orient\_error: 0.0100

Ep: 494 | done | Collision: 0 | ep\_r: 80.1 | step: 135 | pose\_error: 0.0036 | orient\_error: 0.0109

Ep: 495 | done | Collision: 0 | ep\_r: 88.1 | step: 143 | pose\_error: 0.0056 | orient\_error: 0.0138

Ep: 496 | done | Collision: 0 | ep\_r: 122.4 | step: 167 | pose\_error: 0.0051 | orient\_error: 0.0081

Ep: 497 | done | Collision: 0 | ep\_r: 79.4 | step: 131 | pose\_error: 0.0068 | orient\_error: 0.0130

Ep: 498 | --- | Collision: 0 | ep\_r: 111.3 | step: 300 | pose\_error: 0.0168 | orient\_error: 0.0131

Ep: 499 | done | Collision: 0 | ep\_r: 78.2 | step: 125 | pose\_error: 0.0044 | orient\_error: 0.0062

Ep: 500 | done | Collision: 0 | ep\_r: 136.4 | step: 192 | pose\_error: 0.0047 | orient\_error: 0.0122

Ep: 501 | done | Collision: 0 | ep\_r: 241.5 | step: 276 | pose\_error: 0.0030 | orient\_error: 0.0062

Ep: 502 | done | Collision: 0 | ep\_r: 74.4 | step: 125 | pose\_error: 0.0057 | orient\_error: 0.0099

Ep: 503 | done | Collision: 0 | ep\_r: 77.5 | step: 125 | pose\_error: 0.0058 | orient\_error: 0.0086

Ep: 504 | done | Collision: 0 | ep\_r: 79.8 | step: 127 | pose\_error: 0.0054 | orient\_error: 0.0184

Ep: 505 | done | Collision: 0 | ep\_r: 85.9 | step: 140 | pose\_error: 0.0059 | orient\_error: 0.0175

Ep: 506 | done | Collision: 0 | ep\_r: 79.1 | step: 130 | pose\_error: 0.0075 | orient\_error: 0.0055

Ep: 507 | done | Collision: 0 | ep\_r: 79.5 | step: 126 | pose\_error: 0.0067 | orient\_error: 0.0082

Ep: 508 | done | Collision: 0 | ep\_r: 111.8 | step: 197 | pose\_error: 0.0064 | orient\_error: 0.0088

Ep: 509 | done | Collision: 0 | ep\_r: 98.8 | step: 176 | pose\_error: 0.0084 | orient\_error: 0.0090

Ep: 510 | done | Collision: 0 | ep\_r: 122.3 | step: 229 | pose\_error: 0.0037 | orient\_error: 0.0142

Ep: 511 | done | Collision: 0 | ep\_r: 78.5 | step: 125 | pose\_error: 0.0068 | orient\_error: 0.0111

Ep: 512 | done | Collision: 0 | ep\_r: 110.4 | step: 150 | pose\_error: 0.0041 | orient\_error: 0.0113

Ep: 513 | done | Collision: 0 | ep\_r: 76.4 | step: 121 | pose\_error: 0.0035 | orient\_error: 0.0086

Ep: 514 | done | Collision: 0 | ep\_r: 79.9 | step: 127 | pose\_error: 0.0053 | orient\_error: 0.0080

Ep: 515 | done | Collision: 0 | ep\_r: 114.9 | step: 171 | pose\_error: 0.0074 | orient\_error: 0.0022

Ep: 516 | done | Collision: 0 | ep\_r: 98.3 | step: 169 | pose\_error: 0.0069 | orient\_error: 0.0178

Ep: 517 | done | Collision: 0 | ep\_r: 76.0 | step: 121 | pose\_error: 0.0041 | orient\_error: 0.0086

Ep: 518 | done | Collision: 0 | ep\_r: 77.3 | step: 119 | pose\_error: 0.0018 | orient\_error: 0.0075

Ep: 519 | done | Collision: 0 | ep\_r: 79.3 | step: 127 | pose\_error: 0.0033 | orient\_error: 0.0163

Ep: 520 | done | Collision: 0 | ep\_r: 79.8 | step: 128 | pose\_error: 0.0052 | orient\_error: 0.0078

Ep: 521 | done | Collision: 0 | ep\_r: 79.0 | step: 125 | pose\_error: 0.0063 | orient\_error: 0.0204

Ep: 522 | done | Collision: 0 | ep\_r: 78.0 | step: 122 | pose\_error: 0.0033 | orient\_error: 0.0092

Ep: 523 | done | Collision: 0 | ep\_r: 77.2 | step: 125 | pose\_error: 0.0043 | orient\_error: 0.0110

Ep: 524 | done | Collision: 0 | ep\_r: 87.4 | step: 139 | pose\_error: 0.0032 | orient\_error: 0.0112

Ep: 525 | done | Collision: 0 | ep\_r: 79.0 | step: 126 | pose\_error: 0.0074 | orient\_error: 0.0073

Ep: 526 | done | Collision: 0 | ep\_r: 72.6 | step: 125 | pose\_error: 0.0049 | orient\_error: 0.0093

Ep: 527 | done | Collision: 0 | ep\_r: 91.7 | step: 152 | pose\_error: 0.0074 | orient\_error: 0.0103

Ep: 528 | done | Collision: 1 | ep\_r: 76.9 | step: 122 | pose\_error: 0.0038 | orient\_error: 0.0020

Ep: 529 | done | Collision: 0 | ep\_r: 99.0 | step: 175 | pose\_error: 0.0082 | orient\_error: 0.0114

Ep: 530 | done | Collision: 0 | ep\_r: 80.3 | step: 133 | pose\_error: 0.0063 | orient\_error: 0.0106

Ep: 531 | done | Collision: 0 | ep\_r: 87.6 | step: 148 | pose\_error: 0.0054 | orient\_error: 0.0040

Ep: 532 | done | Collision: 0 | ep\_r: 76.6 | step: 121 | pose\_error: 0.0065 | orient\_error: 0.0176

Ep: 533 | --- | Collision: 0 | ep\_r: 235.1 | step: 300 | pose\_error: 0.0039 | orient\_error: 0.0098

Ep: 534 | done | Collision: 0 | ep\_r: 77.3 | step: 123 | pose\_error: 0.0039 | orient\_error: 0.0087

Ep: 535 | done | Collision: 0 | ep\_r: 100.9 | step: 174 | pose\_error: 0.0057 | orient\_error: 0.0067

Ep: 536 | done | Collision: 0 | ep\_r: 85.9 | step: 141 | pose\_error: 0.0056 | orient\_error: 0.0035

Ep: 537 | done | Collision: 0 | ep\_r: 97.1 | step: 165 | pose\_error: 0.0034 | orient\_error: 0.0035

Ep: 538 | done | Collision: 0 | ep\_r: 76.4 | step: 121 | pose\_error: 0.0032 | orient\_error: 0.0142

Ep: 539 | done | Collision: 0 | ep\_r: 80.2 | step: 127 | pose\_error: 0.0053 | orient\_error: 0.0084

Ep: 540 | done | Collision: 0 | ep\_r: 78.2 | step: 119 | pose\_error: 0.0035 | orient\_error: 0.0101

Ep: 541 | done | Collision: 0 | ep\_r: 74.2 | step: 119 | pose\_error: 0.0030 | orient\_error: 0.0101

Ep: 542 | done | Collision: 0 | ep\_r: 89.3 | step: 146 | pose\_error: 0.0043 | orient\_error: 0.0090

Ep: 543 | done | Collision: 0 | ep\_r: 77.6 | step: 124 | pose\_error: 0.0053 | orient\_error: 0.0052

Ep: 544 | done | Collision: 0 | ep\_r: 76.9 | step: 121 | pose\_error: 0.0033 | orient\_error: 0.0112

Ep: 545 | done | Collision: 0 | ep\_r: 76.5 | step: 118 | pose\_error: 0.0019 | orient\_error: 0.0084

Ep: 546 | done | Collision: 0 | ep\_r: 77.4 | step: 124 | pose\_error: 0.0034 | orient\_error: 0.0086

Ep: 547 | done | Collision: 0 | ep\_r: 74.3 | step: 120 | pose\_error: 0.0033 | orient\_error: 0.0061

Ep: 548 | done | Collision: 0 | ep\_r: 77.2 | step: 121 | pose\_error: 0.0060 | orient\_error: 0.0058

Ep: 549 | done | Collision: 0 | ep\_r: 79.0 | step: 125 | pose\_error: 0.0041 | orient\_error: 0.0071

Ep: 550 | done | Collision: 0 | ep\_r: 76.8 | step: 122 | pose\_error: 0.0047 | orient\_error: 0.0067

Ep: 551 | done | Collision: 0 | ep\_r: 80.4 | step: 127 | pose\_error: 0.0053 | orient\_error: 0.0116

Ep: 552 | done | Collision: 0 | ep\_r: 79.4 | step: 121 | pose\_error: 0.0044 | orient\_error: 0.0125

Ep: 553 | done | Collision: 0 | ep\_r: 84.2 | step: 133 | pose\_error: 0.0046 | orient\_error: 0.0090

Ep: 554 | done | Collision: 0 | ep\_r: 78.3 | step: 122 | pose\_error: 0.0052 | orient\_error: 0.0110

Ep: 555 | done | Collision: 0 | ep\_r: 70.5 | step: 122 | pose\_error: 0.0075 | orient\_error: 0.0098

Ep: 556 | done | Collision: 0 | ep\_r: 78.9 | step: 122 | pose\_error: 0.0012 | orient\_error: 0.0109

Ep: 557 | done | Collision: 0 | ep\_r: 79.6 | step: 123 | pose\_error: 0.0045 | orient\_error: 0.0057

Ep: 558 | done | Collision: 0 | ep\_r: 77.9 | step: 121 | pose\_error: 0.0047 | orient\_error: 0.0046

Ep: 559 | done | Collision: 1 | ep\_r: 76.5 | step: 122 | pose\_error: 0.0017 | orient\_error: 0.0113

Ep: 560 | done | Collision: 0 | ep\_r: 78.5 | step: 128 | pose\_error: 0.0046 | orient\_error: 0.0071

Ep: 561 | done | Collision: 0 | ep\_r: 83.7 | step: 141 | pose\_error: 0.0078 | orient\_error: 0.0049

Ep: 562 | done | Collision: 0 | ep\_r: 77.3 | step: 120 | pose\_error: 0.0016 | orient\_error: 0.0064

Ep: 563 | done | Collision: 0 | ep\_r: 114.1 | step: 200 | pose\_error: 0.0071 | orient\_error: 0.0075

Ep: 564 | done | Collision: 0 | ep\_r: 80.3 | step: 127 | pose\_error: 0.0057 | orient\_error: 0.0025

Ep: 565 | done | Collision: 0 | ep\_r: 139.0 | step: 166 | pose\_error: 0.0053 | orient\_error: 0.0070

Ep: 566 | done | Collision: 0 | ep\_r: 72.8 | step: 119 | pose\_error: 0.0059 | orient\_error: 0.0038

Ep: 567 | done | Collision: 0 | ep\_r: 83.8 | step: 137 | pose\_error: 0.0047 | orient\_error: 0.0101

Ep: 568 | done | Collision: 0 | ep\_r: 75.8 | step: 121 | pose\_error: 0.0061 | orient\_error: 0.0045

Ep: 569 | done | Collision: 0 | ep\_r: 85.0 | step: 133 | pose\_error: 0.0048 | orient\_error: 0.0034

Ep: 570 | done | Collision: 0 | ep\_r: 78.8 | step: 129 | pose\_error: 0.0043 | orient\_error: 0.0149

Ep: 571 | done | Collision: 0 | ep\_r: 75.6 | step: 119 | pose\_error: 0.0022 | orient\_error: 0.0036

Ep: 572 | done | Collision: 0 | ep\_r: 77.9 | step: 121 | pose\_error: 0.0057 | orient\_error: 0.0072

Ep: 573 | done | Collision: 0 | ep\_r: 112.7 | step: 150 | pose\_error: 0.0050 | orient\_error: 0.0098

Ep: 574 | done | Collision: 0 | ep\_r: 76.7 | step: 122 | pose\_error: 0.0049 | orient\_error: 0.0110

Ep: 575 | done | Collision: 0 | ep\_r: 74.1 | step: 122 | pose\_error: 0.0046 | orient\_error: 0.0122

Ep: 576 | done | Collision: 0 | ep\_r: 76.5 | step: 125 | pose\_error: 0.0042 | orient\_error: 0.0025

Ep: 577 | done | Collision: 0 | ep\_r: 76.4 | step: 125 | pose\_error: 0.0055 | orient\_error: 0.0124

Ep: 578 | done | Collision: 0 | ep\_r: 74.8 | step: 119 | pose\_error: 0.0046 | orient\_error: 0.0020

Ep: 579 | done | Collision: 0 | ep\_r: 75.9 | step: 125 | pose\_error: 0.0044 | orient\_error: 0.0047

Ep: 580 | done | Collision: 0 | ep\_r: 75.9 | step: 119 | pose\_error: 0.0056 | orient\_error: 0.0115

Ep: 581 | done | Collision: 0 | ep\_r: 84.8 | step: 142 | pose\_error: 0.0082 | orient\_error: 0.0078

Ep: 582 | done | Collision: 0 | ep\_r: 76.1 | step: 122 | pose\_error: 0.0024 | orient\_error: 0.0061

Ep: 583 | done | Collision: 0 | ep\_r: 76.0 | step: 122 | pose\_error: 0.0030 | orient\_error: 0.0039

Ep: 584 | done | Collision: 0 | ep\_r: 75.6 | step: 120 | pose\_error: 0.0048 | orient\_error: 0.0039

Ep: 585 | done | Collision: 0 | ep\_r: 79.3 | step: 131 | pose\_error: 0.0020 | orient\_error: 0.0079

Ep: 586 | done | Collision: 1 | ep\_r: 74.4 | step: 120 | pose\_error: 0.0020 | orient\_error: 0.0050

Ep: 587 | done | Collision: 0 | ep\_r: 73.7 | step: 119 | pose\_error: 0.0040 | orient\_error: 0.0105

Ep: 588 | done | Collision: 1 | ep\_r: 71.3 | step: 119 | pose\_error: 0.0040 | orient\_error: 0.0117

Ep: 589 | done | Collision: 0 | ep\_r: 69.1 | step: 118 | pose\_error: 0.0053 | orient\_error: 0.0044

Ep: 590 | done | Collision: 1 | ep\_r: 110.2 | step: 150 | pose\_error: 0.0064 | orient\_error: 0.0078

Ep: 591 | done | Collision: 1 | ep\_r: 75.7 | step: 139 | pose\_error: 0.0057 | orient\_error: 0.0043

Ep: 592 | done | Collision: 1 | ep\_r: 67.1 | step: 121 | pose\_error: 0.0054 | orient\_error: 0.0088

Ep: 593 | done | Collision: 0 | ep\_r: 76.0 | step: 121 | pose\_error: 0.0051 | orient\_error: 0.0076

Ep: 594 | done | Collision: 0 | ep\_r: 151.6 | step: 174 | pose\_error: 0.0071 | orient\_error: 0.0072

Ep: 595 | done | Collision: 1 | ep\_r: 64.0 | step: 121 | pose\_error: 0.0066 | orient\_error: 0.0060

Ep: 596 | done | Collision: 1 | ep\_r: 68.9 | step: 119 | pose\_error: 0.0046 | orient\_error: 0.0083

Ep: 597 | done | Collision: 1 | ep\_r: 72.7 | step: 122 | pose\_error: 0.0027 | orient\_error: 0.0046

Ep: 598 | done | Collision: 1 | ep\_r: 71.0 | step: 122 | pose\_error: 0.0019 | orient\_error: 0.0104

Ep: 599 | done | Collision: 0 | ep\_r: 72.2 | step: 120 | pose\_error: 0.0079 | orient\_error: 0.0065

Ep: 600 | done | Collision: 0 | ep\_r: 71.6 | step: 117 | pose\_error: 0.0051 | orient\_error: 0.0136

Ep: 601 | done | Collision: 0 | ep\_r: 77.6 | step: 123 | pose\_error: 0.0039 | orient\_error: 0.0076

Ep: 602 | done | Collision: 1 | ep\_r: 74.2 | step: 121 | pose\_error: 0.0050 | orient\_error: 0.0062

Ep: 603 | done | Collision: 0 | ep\_r: 77.0 | step: 124 | pose\_error: 0.0015 | orient\_error: 0.0050

Ep: 604 | done | Collision: 0 | ep\_r: 76.7 | step: 120 | pose\_error: 0.0049 | orient\_error: 0.0082

Ep: 605 | done | Collision: 0 | ep\_r: 238.0 | step: 241 | pose\_error: 0.0060 | orient\_error: 0.0125

Ep: 606 | done | Collision: 0 | ep\_r: 75.6 | step: 121 | pose\_error: 0.0057 | orient\_error: 0.0113

Ep: 607 | done | Collision: 0 | ep\_r: 78.3 | step: 120 | pose\_error: 0.0064 | orient\_error: 0.0109

Ep: 608 | done | Collision: 0 | ep\_r: 77.2 | step: 119 | pose\_error: 0.0017 | orient\_error: 0.0093

Ep: 609 | done | Collision: 0 | ep\_r: 78.2 | step: 124 | pose\_error: 0.0057 | orient\_error: 0.0044

Ep: 610 | done | Collision: 0 | ep\_r: 77.1 | step: 122 | pose\_error: 0.0025 | orient\_error: 0.0069

Ep: 611 | done | Collision: 0 | ep\_r: 78.7 | step: 122 | pose\_error: 0.0044 | orient\_error: 0.0086

Ep: 612 | done | Collision: 0 | ep\_r: 77.7 | step: 120 | pose\_error: 0.0044 | orient\_error: 0.0024

Ep: 613 | done | Collision: 0 | ep\_r: 77.2 | step: 118 | pose\_error: 0.0036 | orient\_error: 0.0071

Ep: 614 | done | Collision: 0 | ep\_r: 77.0 | step: 123 | pose\_error: 0.0069 | orient\_error: 0.0075

Ep: 615 | done | Collision: 0 | ep\_r: 76.8 | step: 120 | pose\_error: 0.0060 | orient\_error: 0.0074

Ep: 616 | done | Collision: 0 | ep\_r: 78.5 | step: 121 | pose\_error: 0.0035 | orient\_error: 0.0093

Ep: 617 | done | Collision: 0 | ep\_r: 77.9 | step: 120 | pose\_error: 0.0028 | orient\_error: 0.0077

Ep: 618 | done | Collision: 0 | ep\_r: 79.0 | step: 120 | pose\_error: 0.0027 | orient\_error: 0.0072

Ep: 619 | done | Collision: 0 | ep\_r: 80.4 | step: 122 | pose\_error: 0.0017 | orient\_error: 0.0066

Ep: 620 | done | Collision: 0 | ep\_r: 77.2 | step: 120 | pose\_error: 0.0008 | orient\_error: 0.0086

Ep: 621 | done | Collision: 0 | ep\_r: 77.2 | step: 123 | pose\_error: 0.0052 | orient\_error: 0.0059

Ep: 622 | done | Collision: 1 | ep\_r: 70.1 | step: 115 | pose\_error: 0.0045 | orient\_error: 0.0064

Ep: 623 | done | Collision: 0 | ep\_r: 78.0 | step: 119 | pose\_error: 0.0044 | orient\_error: 0.0047

Ep: 624 | done | Collision: 0 | ep\_r: 74.9 | step: 122 | pose\_error: 0.0047 | orient\_error: 0.0094

Ep: 625 | done | Collision: 0 | ep\_r: 78.4 | step: 118 | pose\_error: 0.0029 | orient\_error: 0.0086

Ep: 626 | done | Collision: 0 | ep\_r: 77.3 | step: 121 | pose\_error: 0.0016 | orient\_error: 0.0090

Ep: 627 | done | Collision: 0 | ep\_r: 75.6 | step: 121 | pose\_error: 0.0042 | orient\_error: 0.0118

Ep: 628 | done | Collision: 0 | ep\_r: 75.1 | step: 119 | pose\_error: 0.0032 | orient\_error: 0.0062

Ep: 629 | done | Collision: 0 | ep\_r: 75.9 | step: 121 | pose\_error: 0.0042 | orient\_error: 0.0038

Ep: 630 | done | Collision: 0 | ep\_r: 77.4 | step: 120 | pose\_error: 0.0047 | orient\_error: 0.0067

Ep: 631 | done | Collision: 0 | ep\_r: 79.5 | step: 119 | pose\_error: 0.0044 | orient\_error: 0.0050

Ep: 632 | done | Collision: 0 | ep\_r: 78.3 | step: 121 | pose\_error: 0.0022 | orient\_error: 0.0075

Ep: 633 | done | Collision: 0 | ep\_r: 74.7 | step: 118 | pose\_error: 0.0023 | orient\_error: 0.0104

Ep: 634 | done | Collision: 0 | ep\_r: 75.9 | step: 122 | pose\_error: 0.0044 | orient\_error: 0.0117

Ep: 635 | done | Collision: 0 | ep\_r: 78.5 | step: 121 | pose\_error: 0.0024 | orient\_error: 0.0087

Ep: 636 | done | Collision: 0 | ep\_r: 79.8 | step: 122 | pose\_error: 0.0053 | orient\_error: 0.0069

Ep: 637 | done | Collision: 0 | ep\_r: 78.3 | step: 123 | pose\_error: 0.0031 | orient\_error: 0.0133

Ep: 638 | done | Collision: 0 | ep\_r: 78.2 | step: 126 | pose\_error: 0.0043 | orient\_error: 0.0065

Ep: 639 | done | Collision: 0 | ep\_r: 77.7 | step: 123 | pose\_error: 0.0028 | orient\_error: 0.0088

Ep: 640 | done | Collision: 0 | ep\_r: 79.6 | step: 122 | pose\_error: 0.0035 | orient\_error: 0.0106

Ep: 641 | done | Collision: 0 | ep\_r: 77.7 | step: 123 | pose\_error: 0.0055 | orient\_error: 0.0091

Ep: 642 | done | Collision: 0 | ep\_r: 81.9 | step: 127 | pose\_error: 0.0016 | orient\_error: 0.0098

Ep: 643 | done | Collision: 0 | ep\_r: 77.8 | step: 122 | pose\_error: 0.0039 | orient\_error: 0.0075

Ep: 644 | done | Collision: 0 | ep\_r: 76.2 | step: 121 | pose\_error: 0.0024 | orient\_error: 0.0039

Ep: 645 | done | Collision: 0 | ep\_r: 76.2 | step: 118 | pose\_error: 0.0021 | orient\_error: 0.0069

Ep: 646 | done | Collision: 1 | ep\_r: 69.4 | step: 117 | pose\_error: 0.0032 | orient\_error: 0.0092

Ep: 647 | done | Collision: 0 | ep\_r: 76.4 | step: 119 | pose\_error: 0.0050 | orient\_error: 0.0154

Ep: 648 | done | Collision: 0 | ep\_r: 74.9 | step: 120 | pose\_error: 0.0033 | orient\_error: 0.0061

Ep: 649 | done | Collision: 0 | ep\_r: 76.8 | step: 121 | pose\_error: 0.0015 | orient\_error: 0.0101

Ep: 650 | done | Collision: 0 | ep\_r: 75.0 | step: 117 | pose\_error: 0.0038 | orient\_error: 0.0102

Ep: 651 | done | Collision: 0 | ep\_r: 76.7 | step: 123 | pose\_error: 0.0045 | orient\_error: 0.0098

Ep: 652 | done | Collision: 0 | ep\_r: 76.0 | step: 123 | pose\_error: 0.0020 | orient\_error: 0.0163

Ep: 653 | done | Collision: 0 | ep\_r: 76.4 | step: 119 | pose\_error: 0.0027 | orient\_error: 0.0189

Ep: 654 | done | Collision: 0 | ep\_r: 74.5 | step: 123 | pose\_error: 0.0040 | orient\_error: 0.0094

Ep: 655 | done | Collision: 0 | ep\_r: 75.5 | step: 120 | pose\_error: 0.0039 | orient\_error: 0.0067

Ep: 656 | done | Collision: 0 | ep\_r: 73.0 | step: 115 | pose\_error: 0.0024 | orient\_error: 0.0094

Ep: 657 | done | Collision: 0 | ep\_r: 78.3 | step: 121 | pose\_error: 0.0049 | orient\_error: 0.0119

Ep: 658 | done | Collision: 0 | ep\_r: 77.6 | step: 119 | pose\_error: 0.0039 | orient\_error: 0.0115

Ep: 659 | done | Collision: 0 | ep\_r: 74.7 | step: 120 | pose\_error: 0.0018 | orient\_error: 0.0161

Ep: 660 | done | Collision: 0 | ep\_r: 77.3 | step: 123 | pose\_error: 0.0031 | orient\_error: 0.0097

Ep: 661 | done | Collision: 0 | ep\_r: 74.3 | step: 117 | pose\_error: 0.0029 | orient\_error: 0.0087

Ep: 662 | done | Collision: 0 | ep\_r: 76.4 | step: 121 | pose\_error: 0.0034 | orient\_error: 0.0077

Ep: 663 | done | Collision: 0 | ep\_r: 71.2 | step: 117 | pose\_error: 0.0050 | orient\_error: 0.0123

Ep: 664 | done | Collision: 0 | ep\_r: 73.5 | step: 117 | pose\_error: 0.0050 | orient\_error: 0.0109

Ep: 665 | done | Collision: 0 | ep\_r: 76.6 | step: 123 | pose\_error: 0.0045 | orient\_error: 0.0127

Ep: 666 | done | Collision: 0 | ep\_r: 77.8 | step: 118 | pose\_error: 0.0054 | orient\_error: 0.0078

Ep: 667 | done | Collision: 0 | ep\_r: 75.2 | step: 119 | pose\_error: 0.0043 | orient\_error: 0.0104

Ep: 668 | done | Collision: 0 | ep\_r: 77.9 | step: 119 | pose\_error: 0.0019 | orient\_error: 0.0068

Ep: 669 | done | Collision: 0 | ep\_r: 77.1 | step: 120 | pose\_error: 0.0018 | orient\_error: 0.0036

Ep: 670 | done | Collision: 0 | ep\_r: 76.2 | step: 122 | pose\_error: 0.0028 | orient\_error: 0.0078

Ep: 671 | done | Collision: 0 | ep\_r: 77.4 | step: 121 | pose\_error: 0.0045 | orient\_error: 0.0102

Ep: 672 | done | Collision: 0 | ep\_r: 76.6 | step: 121 | pose\_error: 0.0020 | orient\_error: 0.0084

Ep: 673 | done | Collision: 0 | ep\_r: 72.2 | step: 118 | pose\_error: 0.0048 | orient\_error: 0.0084

Ep: 674 | done | Collision: 0 | ep\_r: 78.4 | step: 122 | pose\_error: 0.0026 | orient\_error: 0.0089

Ep: 675 | done | Collision: 0 | ep\_r: 76.3 | step: 120 | pose\_error: 0.0013 | orient\_error: 0.0133

Ep: 676 | done | Collision: 0 | ep\_r: 78.9 | step: 123 | pose\_error: 0.0021 | orient\_error: 0.0088

Ep: 677 | done | Collision: 0 | ep\_r: 77.3 | step: 118 | pose\_error: 0.0041 | orient\_error: 0.0107

Ep: 678 | done | Collision: 0 | ep\_r: 75.6 | step: 120 | pose\_error: 0.0037 | orient\_error: 0.0056

Ep: 679 | done | Collision: 0 | ep\_r: 76.3 | step: 120 | pose\_error: 0.0035 | orient\_error: 0.0120

Ep: 680 | done | Collision: 0 | ep\_r: 76.7 | step: 119 | pose\_error: 0.0036 | orient\_error: 0.0115

Ep: 681 | done | Collision: 0 | ep\_r: 77.9 | step: 120 | pose\_error: 0.0010 | orient\_error: 0.0074

Ep: 682 | done | Collision: 0 | ep\_r: 227.1 | step: 224 | pose\_error: 0.0060 | orient\_error: 0.0077

Ep: 683 | done | Collision: 0 | ep\_r: 75.2 | step: 119 | pose\_error: 0.0024 | orient\_error: 0.0132

Ep: 684 | done | Collision: 0 | ep\_r: 74.3 | step: 117 | pose\_error: 0.0024 | orient\_error: 0.0063

Ep: 685 | done | Collision: 0 | ep\_r: 75.8 | step: 119 | pose\_error: 0.0028 | orient\_error: 0.0124

Ep: 686 | done | Collision: 0 | ep\_r: 74.8 | step: 119 | pose\_error: 0.0026 | orient\_error: 0.0067

Ep: 687 | done | Collision: 0 | ep\_r: 75.3 | step: 122 | pose\_error: 0.0060 | orient\_error: 0.0077

Ep: 688 | done | Collision: 0 | ep\_r: 76.0 | step: 122 | pose\_error: 0.0027 | orient\_error: 0.0079

Ep: 689 | done | Collision: 0 | ep\_r: 76.9 | step: 122 | pose\_error: 0.0041 | orient\_error: 0.0107

Ep: 690 | done | Collision: 0 | ep\_r: 74.2 | step: 118 | pose\_error: 0.0041 | orient\_error: 0.0085

Ep: 691 | done | Collision: 0 | ep\_r: 76.8 | step: 119 | pose\_error: 0.0045 | orient\_error: 0.0106

Ep: 692 | done | Collision: 0 | ep\_r: 77.6 | step: 121 | pose\_error: 0.0013 | orient\_error: 0.0102

Ep: 693 | done | Collision: 0 | ep\_r: 78.7 | step: 119 | pose\_error: 0.0029 | orient\_error: 0.0140

Ep: 694 | done | Collision: 0 | ep\_r: 76.9 | step: 119 | pose\_error: 0.0034 | orient\_error: 0.0022

Ep: 695 | done | Collision: 0 | ep\_r: 79.1 | step: 121 | pose\_error: 0.0032 | orient\_error: 0.0153

Ep: 696 | done | Collision: 0 | ep\_r: 75.2 | step: 120 | pose\_error: 0.0029 | orient\_error: 0.0082

Ep: 697 | done | Collision: 0 | ep\_r: 77.2 | step: 118 | pose\_error: 0.0016 | orient\_error: 0.0109

Ep: 698 | done | Collision: 0 | ep\_r: 75.5 | step: 118 | pose\_error: 0.0034 | orient\_error: 0.0057

Ep: 699 | done | Collision: 0 | ep\_r: 78.9 | step: 120 | pose\_error: 0.0020 | orient\_error: 0.0144

Ep: 700 | done | Collision: 0 | ep\_r: 75.8 | step: 119 | pose\_error: 0.0035 | orient\_error: 0.0153

Ep: 701 | done | Collision: 0 | ep\_r: 75.5 | step: 118 | pose\_error: 0.0027 | orient\_error: 0.0080

Ep: 702 | done | Collision: 0 | ep\_r: 78.2 | step: 120 | pose\_error: 0.0026 | orient\_error: 0.0136

Ep: 703 | done | Collision: 0 | ep\_r: 75.7 | step: 122 | pose\_error: 0.0049 | orient\_error: 0.0079

Ep: 704 | done | Collision: 0 | ep\_r: 75.7 | step: 117 | pose\_error: 0.0021 | orient\_error: 0.0112

Ep: 705 | done | Collision: 0 | ep\_r: 76.0 | step: 118 | pose\_error: 0.0020 | orient\_error: 0.0110

Ep: 706 | done | Collision: 0 | ep\_r: 76.3 | step: 119 | pose\_error: 0.0021 | orient\_error: 0.0105

Ep: 707 | done | Collision: 0 | ep\_r: 73.7 | step: 117 | pose\_error: 0.0015 | orient\_error: 0.0079

Ep: 708 | done | Collision: 0 | ep\_r: 76.0 | step: 118 | pose\_error: 0.0047 | orient\_error: 0.0121

Ep: 709 | done | Collision: 0 | ep\_r: 75.6 | step: 119 | pose\_error: 0.0024 | orient\_error: 0.0076

Ep: 710 | done | Collision: 0 | ep\_r: 76.7 | step: 121 | pose\_error: 0.0033 | orient\_error: 0.0087

Ep: 711 | done | Collision: 0 | ep\_r: 76.7 | step: 120 | pose\_error: 0.0032 | orient\_error: 0.0120

Ep: 712 | done | Collision: 0 | ep\_r: 79.1 | step: 121 | pose\_error: 0.0046 | orient\_error: 0.0116

Ep: 713 | done | Collision: 0 | ep\_r: 78.4 | step: 122 | pose\_error: 0.0015 | orient\_error: 0.0101

Ep: 714 | done | Collision: 0 | ep\_r: 75.6 | step: 117 | pose\_error: 0.0037 | orient\_error: 0.0137

Ep: 715 | done | Collision: 0 | ep\_r: 72.3 | step: 117 | pose\_error: 0.0044 | orient\_error: 0.0075

Ep: 716 | done | Collision: 0 | ep\_r: 74.8 | step: 117 | pose\_error: 0.0043 | orient\_error: 0.0153

Ep: 717 | done | Collision: 0 | ep\_r: 75.4 | step: 121 | pose\_error: 0.0046 | orient\_error: 0.0080

Ep: 718 | done | Collision: 0 | ep\_r: 75.7 | step: 118 | pose\_error: 0.0018 | orient\_error: 0.0072

Ep: 719 | done | Collision: 0 | ep\_r: 77.1 | step: 118 | pose\_error: 0.0034 | orient\_error: 0.0120

Ep: 720 | done | Collision: 0 | ep\_r: 77.9 | step: 121 | pose\_error: 0.0026 | orient\_error: 0.0085

Ep: 721 | done | Collision: 0 | ep\_r: 77.0 | step: 117 | pose\_error: 0.0033 | orient\_error: 0.0147

Ep: 722 | done | Collision: 0 | ep\_r: 77.3 | step: 120 | pose\_error: 0.0030 | orient\_error: 0.0027

Ep: 723 | done | Collision: 0 | ep\_r: 76.2 | step: 117 | pose\_error: 0.0012 | orient\_error: 0.0094

Ep: 724 | done | Collision: 0 | ep\_r: 76.5 | step: 119 | pose\_error: 0.0057 | orient\_error: 0.0083

Ep: 725 | done | Collision: 0 | ep\_r: 77.5 | step: 117 | pose\_error: 0.0021 | orient\_error: 0.0099

Ep: 726 | done | Collision: 0 | ep\_r: 75.6 | step: 117 | pose\_error: 0.0024 | orient\_error: 0.0091

Ep: 727 | done | Collision: 0 | ep\_r: 78.4 | step: 119 | pose\_error: 0.0047 | orient\_error: 0.0112

Ep: 728 | done | Collision: 0 | ep\_r: 76.4 | step: 119 | pose\_error: 0.0072 | orient\_error: 0.0051

Ep: 729 | done | Collision: 0 | ep\_r: 76.1 | step: 117 | pose\_error: 0.0039 | orient\_error: 0.0124

Ep: 730 | done | Collision: 0 | ep\_r: 77.7 | step: 122 | pose\_error: 0.0050 | orient\_error: 0.0056

Ep: 731 | done | Collision: 0 | ep\_r: 78.1 | step: 122 | pose\_error: 0.0026 | orient\_error: 0.0149

Ep: 732 | done | Collision: 0 | ep\_r: 79.9 | step: 122 | pose\_error: 0.0049 | orient\_error: 0.0104

Ep: 733 | done | Collision: 0 | ep\_r: 77.3 | step: 121 | pose\_error: 0.0065 | orient\_error: 0.0058

Ep: 734 | done | Collision: 0 | ep\_r: 76.0 | step: 118 | pose\_error: 0.0019 | orient\_error: 0.0112

Ep: 735 | done | Collision: 0 | ep\_r: 75.5 | step: 116 | pose\_error: 0.0029 | orient\_error: 0.0138

Ep: 736 | done | Collision: 0 | ep\_r: 75.7 | step: 118 | pose\_error: 0.0049 | orient\_error: 0.0089

Ep: 737 | done | Collision: 0 | ep\_r: 76.5 | step: 118 | pose\_error: 0.0021 | orient\_error: 0.0123

Ep: 738 | done | Collision: 0 | ep\_r: 79.9 | step: 124 | pose\_error: 0.0037 | orient\_error: 0.0159

Ep: 739 | done | Collision: 0 | ep\_r: 77.1 | step: 121 | pose\_error: 0.0020 | orient\_error: 0.0053

Ep: 740 | done | Collision: 0 | ep\_r: 76.2 | step: 118 | pose\_error: 0.0021 | orient\_error: 0.0047

Ep: 741 | done | Collision: 0 | ep\_r: 78.9 | step: 119 | pose\_error: 0.0030 | orient\_error: 0.0051

Ep: 742 | done | Collision: 0 | ep\_r: 109.3 | step: 145 | pose\_error: 0.0029 | orient\_error: 0.0168

Ep: 743 | done | Collision: 0 | ep\_r: 89.0 | step: 130 | pose\_error: 0.0055 | orient\_error: 0.0070

Ep: 744 | done | Collision: 0 | ep\_r: 78.1 | step: 120 | pose\_error: 0.0056 | orient\_error: 0.0068

Ep: 745 | done | Collision: 0 | ep\_r: 76.2 | step: 121 | pose\_error: 0.0037 | orient\_error: 0.0110

Ep: 746 | done | Collision: 0 | ep\_r: 75.6 | step: 118 | pose\_error: 0.0037 | orient\_error: 0.0117

Ep: 747 | done | Collision: 0 | ep\_r: 76.7 | step: 121 | pose\_error: 0.0017 | orient\_error: 0.0105

Ep: 748 | done | Collision: 0 | ep\_r: 76.3 | step: 117 | pose\_error: 0.0032 | orient\_error: 0.0153

Ep: 749 | done | Collision: 0 | ep\_r: 139.4 | step: 180 | pose\_error: 0.0050 | orient\_error: 0.0079

Ep: 750 | done | Collision: 0 | ep\_r: 75.3 | step: 119 | pose\_error: 0.0023 | orient\_error: 0.0065

Ep: 751 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0026 | orient\_error: 0.0094

Ep: 752 | done | Collision: 0 | ep\_r: 77.0 | step: 120 | pose\_error: 0.0057 | orient\_error: 0.0089

Ep: 753 | done | Collision: 0 | ep\_r: 75.3 | step: 116 | pose\_error: 0.0025 | orient\_error: 0.0109

Ep: 754 | done | Collision: 0 | ep\_r: 74.4 | step: 118 | pose\_error: 0.0064 | orient\_error: 0.0080

Ep: 755 | done | Collision: 0 | ep\_r: 217.9 | step: 227 | pose\_error: 0.0079 | orient\_error: 0.0096

Ep: 756 | done | Collision: 0 | ep\_r: 76.9 | step: 122 | pose\_error: 0.0035 | orient\_error: 0.0107

Ep: 757 | done | Collision: 0 | ep\_r: 81.3 | step: 122 | pose\_error: 0.0045 | orient\_error: 0.0097

Ep: 758 | done | Collision: 0 | ep\_r: 77.4 | step: 116 | pose\_error: 0.0031 | orient\_error: 0.0122

Ep: 759 | done | Collision: 0 | ep\_r: 74.7 | step: 116 | pose\_error: 0.0058 | orient\_error: 0.0099

Ep: 760 | done | Collision: 0 | ep\_r: 71.4 | step: 119 | pose\_error: 0.0046 | orient\_error: 0.0108

Ep: 761 | done | Collision: 0 | ep\_r: 75.5 | step: 120 | pose\_error: 0.0038 | orient\_error: 0.0094

Ep: 762 | done | Collision: 0 | ep\_r: 89.0 | step: 144 | pose\_error: 0.0080 | orient\_error: 0.0086

Ep: 763 | done | Collision: 0 | ep\_r: 86.8 | step: 127 | pose\_error: 0.0035 | orient\_error: 0.0111

Ep: 764 | done | Collision: 0 | ep\_r: 75.5 | step: 116 | pose\_error: 0.0052 | orient\_error: 0.0158

Ep: 765 | done | Collision: 0 | ep\_r: 260.9 | step: 283 | pose\_error: 0.0074 | orient\_error: 0.0146

Ep: 766 | done | Collision: 0 | ep\_r: 75.3 | step: 118 | pose\_error: 0.0075 | orient\_error: 0.0145

Ep: 767 | done | Collision: 0 | ep\_r: 78.7 | step: 120 | pose\_error: 0.0016 | orient\_error: 0.0117

Ep: 768 | done | Collision: 0 | ep\_r: 75.2 | step: 119 | pose\_error: 0.0052 | orient\_error: 0.0060

Ep: 769 | done | Collision: 0 | ep\_r: 111.9 | step: 157 | pose\_error: 0.0050 | orient\_error: 0.0102

Ep: 770 | done | Collision: 0 | ep\_r: 118.1 | step: 207 | pose\_error: 0.0066 | orient\_error: 0.0042

Ep: 771 | done | Collision: 0 | ep\_r: 76.5 | step: 119 | pose\_error: 0.0013 | orient\_error: 0.0099

Ep: 772 | done | Collision: 0 | ep\_r: 77.1 | step: 117 | pose\_error: 0.0040 | orient\_error: 0.0073

Ep: 773 | done | Collision: 0 | ep\_r: 76.1 | step: 122 | pose\_error: 0.0051 | orient\_error: 0.0051

Ep: 774 | done | Collision: 0 | ep\_r: 78.3 | step: 117 | pose\_error: 0.0037 | orient\_error: 0.0150

Ep: 775 | done | Collision: 0 | ep\_r: 77.9 | step: 118 | pose\_error: 0.0042 | orient\_error: 0.0130

Ep: 776 | done | Collision: 0 | ep\_r: 77.7 | step: 121 | pose\_error: 0.0045 | orient\_error: 0.0093

Ep: 777 | done | Collision: 0 | ep\_r: 75.1 | step: 119 | pose\_error: 0.0029 | orient\_error: 0.0070

Ep: 778 | done | Collision: 0 | ep\_r: 77.5 | step: 120 | pose\_error: 0.0005 | orient\_error: 0.0105

Ep: 779 | done | Collision: 0 | ep\_r: 75.8 | step: 121 | pose\_error: 0.0036 | orient\_error: 0.0052

Ep: 780 | done | Collision: 0 | ep\_r: 75.9 | step: 120 | pose\_error: 0.0048 | orient\_error: 0.0115

Ep: 781 | done | Collision: 0 | ep\_r: 76.4 | step: 118 | pose\_error: 0.0030 | orient\_error: 0.0081

Ep: 782 | done | Collision: 0 | ep\_r: 76.4 | step: 117 | pose\_error: 0.0056 | orient\_error: 0.0141

Ep: 783 | done | Collision: 0 | ep\_r: 76.4 | step: 120 | pose\_error: 0.0058 | orient\_error: 0.0115

Ep: 784 | done | Collision: 0 | ep\_r: 78.9 | step: 122 | pose\_error: 0.0044 | orient\_error: 0.0073

Ep: 785 | done | Collision: 0 | ep\_r: 76.8 | step: 116 | pose\_error: 0.0050 | orient\_error: 0.0032

Ep: 786 | done | Collision: 0 | ep\_r: 73.3 | step: 118 | pose\_error: 0.0049 | orient\_error: 0.0071

Ep: 787 | done | Collision: 0 | ep\_r: 195.6 | step: 215 | pose\_error: 0.0048 | orient\_error: 0.0075

Ep: 788 | done | Collision: 0 | ep\_r: 78.5 | step: 118 | pose\_error: 0.0023 | orient\_error: 0.0094

Ep: 789 | done | Collision: 0 | ep\_r: 77.1 | step: 118 | pose\_error: 0.0048 | orient\_error: 0.0056

Ep: 790 | done | Collision: 0 | ep\_r: 76.5 | step: 118 | pose\_error: 0.0027 | orient\_error: 0.0100

Ep: 791 | done | Collision: 0 | ep\_r: 76.4 | step: 117 | pose\_error: 0.0051 | orient\_error: 0.0046

Ep: 792 | done | Collision: 0 | ep\_r: 77.0 | step: 118 | pose\_error: 0.0034 | orient\_error: 0.0052

Ep: 793 | done | Collision: 0 | ep\_r: 76.7 | step: 117 | pose\_error: 0.0045 | orient\_error: 0.0030

Ep: 794 | done | Collision: 0 | ep\_r: 76.4 | step: 118 | pose\_error: 0.0026 | orient\_error: 0.0070

Ep: 795 | done | Collision: 0 | ep\_r: 78.0 | step: 118 | pose\_error: 0.0020 | orient\_error: 0.0045

Ep: 796 | done | Collision: 0 | ep\_r: 78.7 | step: 121 | pose\_error: 0.0057 | orient\_error: 0.0057

Ep: 797 | done | Collision: 0 | ep\_r: 74.9 | step: 121 | pose\_error: 0.0051 | orient\_error: 0.0048

Ep: 798 | done | Collision: 0 | ep\_r: 86.2 | step: 140 | pose\_error: 0.0080 | orient\_error: 0.0095

Ep: 799 | done | Collision: 0 | ep\_r: 84.2 | step: 135 | pose\_error: 0.0086 | orient\_error: 0.0062

Ep: 800 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0038 | orient\_error: 0.0094

Ep: 801 | done | Collision: 0 | ep\_r: 76.6 | step: 121 | pose\_error: 0.0065 | orient\_error: 0.0043

Ep: 802 | done | Collision: 0 | ep\_r: 77.8 | step: 117 | pose\_error: 0.0024 | orient\_error: 0.0120

Ep: 803 | done | Collision: 0 | ep\_r: 77.5 | step: 117 | pose\_error: 0.0012 | orient\_error: 0.0079

Ep: 804 | done | Collision: 0 | ep\_r: 77.5 | step: 119 | pose\_error: 0.0057 | orient\_error: 0.0045

Ep: 805 | done | Collision: 0 | ep\_r: 76.4 | step: 119 | pose\_error: 0.0022 | orient\_error: 0.0096

Ep: 806 | done | Collision: 0 | ep\_r: 76.8 | step: 120 | pose\_error: 0.0025 | orient\_error: 0.0103

Ep: 807 | done | Collision: 0 | ep\_r: 78.0 | step: 118 | pose\_error: 0.0050 | orient\_error: 0.0086

Ep: 808 | done | Collision: 0 | ep\_r: 173.9 | step: 213 | pose\_error: 0.0067 | orient\_error: 0.0196

Ep: 809 | done | Collision: 0 | ep\_r: 78.8 | step: 121 | pose\_error: 0.0029 | orient\_error: 0.0035

Ep: 810 | done | Collision: 0 | ep\_r: 84.6 | step: 136 | pose\_error: 0.0055 | orient\_error: 0.0161

Ep: 811 | done | Collision: 0 | ep\_r: 88.4 | step: 138 | pose\_error: 0.0060 | orient\_error: 0.0082

Ep: 812 | done | Collision: 0 | ep\_r: 78.6 | step: 122 | pose\_error: 0.0037 | orient\_error: 0.0110

Ep: 813 | done | Collision: 0 | ep\_r: 76.5 | step: 120 | pose\_error: 0.0045 | orient\_error: 0.0126

Ep: 814 | done | Collision: 0 | ep\_r: 113.1 | step: 196 | pose\_error: 0.0022 | orient\_error: 0.0100

Ep: 815 | done | Collision: 0 | ep\_r: 77.9 | step: 119 | pose\_error: 0.0025 | orient\_error: 0.0056

Ep: 816 | done | Collision: 0 | ep\_r: 76.0 | step: 118 | pose\_error: 0.0012 | orient\_error: 0.0107

Ep: 817 | done | Collision: 0 | ep\_r: 77.8 | step: 120 | pose\_error: 0.0038 | orient\_error: 0.0079

Ep: 818 | done | Collision: 0 | ep\_r: 77.5 | step: 120 | pose\_error: 0.0038 | orient\_error: 0.0056

Ep: 819 | done | Collision: 0 | ep\_r: 77.9 | step: 121 | pose\_error: 0.0036 | orient\_error: 0.0099

Ep: 820 | done | Collision: 0 | ep\_r: 77.6 | step: 118 | pose\_error: 0.0039 | orient\_error: 0.0101

Ep: 821 | done | Collision: 0 | ep\_r: 75.7 | step: 118 | pose\_error: 0.0028 | orient\_error: 0.0091

Ep: 822 | done | Collision: 0 | ep\_r: 83.1 | step: 132 | pose\_error: 0.0059 | orient\_error: 0.0130

Ep: 823 | done | Collision: 0 | ep\_r: 77.3 | step: 120 | pose\_error: 0.0028 | orient\_error: 0.0040

Ep: 824 | done | Collision: 0 | ep\_r: 77.8 | step: 119 | pose\_error: 0.0061 | orient\_error: 0.0083

Ep: 825 | done | Collision: 0 | ep\_r: 75.3 | step: 122 | pose\_error: 0.0012 | orient\_error: 0.0091

Ep: 826 | done | Collision: 0 | ep\_r: 112.5 | step: 147 | pose\_error: 0.0031 | orient\_error: 0.0216

Ep: 827 | done | Collision: 0 | ep\_r: 78.9 | step: 122 | pose\_error: 0.0019 | orient\_error: 0.0038

Ep: 828 | done | Collision: 0 | ep\_r: 160.6 | step: 190 | pose\_error: 0.0069 | orient\_error: 0.0070

Ep: 829 | done | Collision: 0 | ep\_r: 78.7 | step: 123 | pose\_error: 0.0044 | orient\_error: 0.0163

Ep: 830 | done | Collision: 0 | ep\_r: 77.7 | step: 120 | pose\_error: 0.0064 | orient\_error: 0.0124

Ep: 831 | done | Collision: 0 | ep\_r: 77.9 | step: 120 | pose\_error: 0.0019 | orient\_error: 0.0126

Ep: 832 | done | Collision: 1 | ep\_r: 80.1 | step: 131 | pose\_error: 0.0051 | orient\_error: 0.0073

Ep: 833 | done | Collision: 0 | ep\_r: 76.2 | step: 119 | pose\_error: 0.0025 | orient\_error: 0.0123

Ep: 834 | done | Collision: 0 | ep\_r: 77.1 | step: 119 | pose\_error: 0.0046 | orient\_error: 0.0131

Ep: 835 | done | Collision: 0 | ep\_r: 80.9 | step: 122 | pose\_error: 0.0051 | orient\_error: 0.0171

Ep: 836 | done | Collision: 1 | ep\_r: 73.4 | step: 118 | pose\_error: 0.0030 | orient\_error: 0.0096

Ep: 837 | done | Collision: 0 | ep\_r: 85.3 | step: 130 | pose\_error: 0.0078 | orient\_error: 0.0137

Ep: 838 | done | Collision: 0 | ep\_r: 77.0 | step: 118 | pose\_error: 0.0051 | orient\_error: 0.0141

Ep: 839 | done | Collision: 0 | ep\_r: 80.8 | step: 128 | pose\_error: 0.0063 | orient\_error: 0.0058

Ep: 840 | done | Collision: 0 | ep\_r: 78.3 | step: 118 | pose\_error: 0.0048 | orient\_error: 0.0147

Ep: 841 | done | Collision: 0 | ep\_r: 85.6 | step: 128 | pose\_error: 0.0066 | orient\_error: 0.0104

Ep: 842 | done | Collision: 0 | ep\_r: 76.9 | step: 118 | pose\_error: 0.0021 | orient\_error: 0.0090

Ep: 843 | done | Collision: 0 | ep\_r: 78.0 | step: 125 | pose\_error: 0.0059 | orient\_error: 0.0089

Ep: 844 | done | Collision: 0 | ep\_r: 77.1 | step: 123 | pose\_error: 0.0067 | orient\_error: 0.0136

Ep: 845 | done | Collision: 0 | ep\_r: 78.0 | step: 117 | pose\_error: 0.0004 | orient\_error: 0.0135

Ep: 846 | done | Collision: 0 | ep\_r: 81.1 | step: 125 | pose\_error: 0.0029 | orient\_error: 0.0099

Ep: 847 | done | Collision: 0 | ep\_r: 78.0 | step: 120 | pose\_error: 0.0064 | orient\_error: 0.0069

Ep: 848 | done | Collision: 0 | ep\_r: 79.4 | step: 123 | pose\_error: 0.0039 | orient\_error: 0.0094

Ep: 849 | done | Collision: 0 | ep\_r: 76.9 | step: 122 | pose\_error: 0.0056 | orient\_error: 0.0050

Ep: 850 | done | Collision: 0 | ep\_r: 77.5 | step: 119 | pose\_error: 0.0080 | orient\_error: 0.0084

Ep: 851 | done | Collision: 0 | ep\_r: 76.1 | step: 118 | pose\_error: 0.0046 | orient\_error: 0.0131

Ep: 852 | done | Collision: 0 | ep\_r: 77.6 | step: 121 | pose\_error: 0.0028 | orient\_error: 0.0181

Ep: 853 | done | Collision: 0 | ep\_r: 78.0 | step: 119 | pose\_error: 0.0062 | orient\_error: 0.0084

Ep: 854 | done | Collision: 0 | ep\_r: 78.1 | step: 123 | pose\_error: 0.0063 | orient\_error: 0.0069

Ep: 855 | done | Collision: 0 | ep\_r: 80.8 | step: 124 | pose\_error: 0.0075 | orient\_error: 0.0039

Ep: 856 | done | Collision: 0 | ep\_r: 136.8 | step: 167 | pose\_error: 0.0022 | orient\_error: 0.0189

Ep: 857 | done | Collision: 0 | ep\_r: 78.7 | step: 122 | pose\_error: 0.0052 | orient\_error: 0.0061

Ep: 858 | done | Collision: 0 | ep\_r: 85.1 | step: 133 | pose\_error: 0.0030 | orient\_error: 0.0136

Ep: 859 | done | Collision: 0 | ep\_r: 74.1 | step: 119 | pose\_error: 0.0074 | orient\_error: 0.0057

Ep: 860 | done | Collision: 0 | ep\_r: 77.9 | step: 116 | pose\_error: 0.0022 | orient\_error: 0.0050

Ep: 861 | done | Collision: 1 | ep\_r: 74.0 | step: 118 | pose\_error: 0.0041 | orient\_error: 0.0137

Ep: 862 | done | Collision: 0 | ep\_r: 76.9 | step: 121 | pose\_error: 0.0049 | orient\_error: 0.0155

Ep: 863 | done | Collision: 0 | ep\_r: 77.3 | step: 119 | pose\_error: 0.0043 | orient\_error: 0.0099

Ep: 864 | done | Collision: 0 | ep\_r: 77.7 | step: 119 | pose\_error: 0.0051 | orient\_error: 0.0107

Ep: 865 | done | Collision: 0 | ep\_r: 79.8 | step: 119 | pose\_error: 0.0039 | orient\_error: 0.0144

Ep: 866 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0052 | orient\_error: 0.0025

Ep: 867 | done | Collision: 0 | ep\_r: 77.6 | step: 120 | pose\_error: 0.0066 | orient\_error: 0.0149

Ep: 868 | done | Collision: 0 | ep\_r: 76.6 | step: 117 | pose\_error: 0.0013 | orient\_error: 0.0048

Ep: 869 | done | Collision: 0 | ep\_r: 76.8 | step: 119 | pose\_error: 0.0009 | orient\_error: 0.0080

Ep: 870 | done | Collision: 0 | ep\_r: 78.1 | step: 118 | pose\_error: 0.0051 | orient\_error: 0.0091

Ep: 871 | done | Collision: 0 | ep\_r: 76.9 | step: 119 | pose\_error: 0.0050 | orient\_error: 0.0065

Ep: 872 | done | Collision: 0 | ep\_r: 79.1 | step: 122 | pose\_error: 0.0035 | orient\_error: 0.0097

Ep: 873 | done | Collision: 0 | ep\_r: 80.8 | step: 122 | pose\_error: 0.0032 | orient\_error: 0.0043

Ep: 874 | done | Collision: 0 | ep\_r: 75.8 | step: 120 | pose\_error: 0.0039 | orient\_error: 0.0091

Ep: 875 | done | Collision: 0 | ep\_r: 86.5 | step: 135 | pose\_error: 0.0047 | orient\_error: 0.0067

Ep: 876 | done | Collision: 0 | ep\_r: 77.1 | step: 118 | pose\_error: 0.0046 | orient\_error: 0.0067

Ep: 877 | done | Collision: 0 | ep\_r: 77.8 | step: 122 | pose\_error: 0.0039 | orient\_error: 0.0095

Ep: 878 | done | Collision: 0 | ep\_r: 175.1 | step: 192 | pose\_error: 0.0033 | orient\_error: 0.0095

Ep: 879 | done | Collision: 0 | ep\_r: 76.6 | step: 124 | pose\_error: 0.0021 | orient\_error: 0.0060

Ep: 880 | done | Collision: 0 | ep\_r: 78.2 | step: 119 | pose\_error: 0.0062 | orient\_error: 0.0134

Ep: 881 | done | Collision: 0 | ep\_r: 76.9 | step: 120 | pose\_error: 0.0059 | orient\_error: 0.0145

Ep: 882 | done | Collision: 0 | ep\_r: 155.3 | step: 176 | pose\_error: 0.0023 | orient\_error: 0.0085

Ep: 883 | done | Collision: 0 | ep\_r: 77.1 | step: 123 | pose\_error: 0.0020 | orient\_error: 0.0134

Ep: 884 | done | Collision: 0 | ep\_r: 76.4 | step: 118 | pose\_error: 0.0039 | orient\_error: 0.0097

Ep: 885 | done | Collision: 0 | ep\_r: 161.5 | step: 181 | pose\_error: 0.0054 | orient\_error: 0.0123

Ep: 886 | done | Collision: 0 | ep\_r: 102.6 | step: 136 | pose\_error: 0.0044 | orient\_error: 0.0157

Ep: 887 | done | Collision: 0 | ep\_r: 76.0 | step: 120 | pose\_error: 0.0046 | orient\_error: 0.0143

Ep: 888 | done | Collision: 0 | ep\_r: 78.9 | step: 121 | pose\_error: 0.0018 | orient\_error: 0.0115

Ep: 889 | done | Collision: 0 | ep\_r: 81.9 | step: 128 | pose\_error: 0.0036 | orient\_error: 0.0136

Ep: 890 | done | Collision: 0 | ep\_r: 77.7 | step: 117 | pose\_error: 0.0057 | orient\_error: 0.0099

Ep: 891 | done | Collision: 0 | ep\_r: 99.7 | step: 153 | pose\_error: 0.0055 | orient\_error: 0.0115

Ep: 892 | done | Collision: 0 | ep\_r: 76.8 | step: 121 | pose\_error: 0.0058 | orient\_error: 0.0117

Ep: 893 | done | Collision: 0 | ep\_r: 74.6 | step: 116 | pose\_error: 0.0022 | orient\_error: 0.0052

Ep: 894 | done | Collision: 0 | ep\_r: 239.1 | step: 264 | pose\_error: 0.0055 | orient\_error: 0.0071

Ep: 895 | done | Collision: 0 | ep\_r: 79.5 | step: 122 | pose\_error: 0.0041 | orient\_error: 0.0071

Ep: 896 | done | Collision: 0 | ep\_r: 85.7 | step: 141 | pose\_error: 0.0055 | orient\_error: 0.0071

Ep: 897 | done | Collision: 0 | ep\_r: 78.8 | step: 120 | pose\_error: 0.0038 | orient\_error: 0.0068

Ep: 898 | done | Collision: 0 | ep\_r: 76.7 | step: 119 | pose\_error: 0.0038 | orient\_error: 0.0124

Ep: 899 | done | Collision: 0 | ep\_r: 77.2 | step: 119 | pose\_error: 0.0032 | orient\_error: 0.0064

Ep: 900 | done | Collision: 0 | ep\_r: 78.8 | step: 118 | pose\_error: 0.0046 | orient\_error: 0.0056

Ep: 901 | done | Collision: 0 | ep\_r: 77.4 | step: 121 | pose\_error: 0.0067 | orient\_error: 0.0124

Ep: 902 | done | Collision: 0 | ep\_r: 77.9 | step: 119 | pose\_error: 0.0077 | orient\_error: 0.0155

Ep: 903 | done | Collision: 0 | ep\_r: 75.6 | step: 117 | pose\_error: 0.0046 | orient\_error: 0.0160

Ep: 904 | done | Collision: 0 | ep\_r: 77.7 | step: 118 | pose\_error: 0.0062 | orient\_error: 0.0097

Ep: 905 | --- | Collision: 0 | ep\_r: 198.0 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0095

Ep: 906 | done | Collision: 0 | ep\_r: 135.2 | step: 177 | pose\_error: 0.0069 | orient\_error: 0.0117

Ep: 907 | done | Collision: 0 | ep\_r: 77.2 | step: 120 | pose\_error: 0.0023 | orient\_error: 0.0164

Ep: 908 | done | Collision: 0 | ep\_r: 106.1 | step: 177 | pose\_error: 0.0054 | orient\_error: 0.0102

Ep: 909 | done | Collision: 0 | ep\_r: 93.0 | step: 153 | pose\_error: 0.0028 | orient\_error: 0.0125

Ep: 910 | done | Collision: 0 | ep\_r: 78.9 | step: 119 | pose\_error: 0.0069 | orient\_error: 0.0031

Ep: 911 | done | Collision: 0 | ep\_r: 74.9 | step: 116 | pose\_error: 0.0048 | orient\_error: 0.0179

Ep: 912 | done | Collision: 0 | ep\_r: 78.7 | step: 119 | pose\_error: 0.0043 | orient\_error: 0.0111

Ep: 913 | done | Collision: 0 | ep\_r: 76.5 | step: 118 | pose\_error: 0.0035 | orient\_error: 0.0102

Ep: 914 | done | Collision: 0 | ep\_r: 79.9 | step: 120 | pose\_error: 0.0060 | orient\_error: 0.0087

Ep: 915 | done | Collision: 0 | ep\_r: 78.4 | step: 120 | pose\_error: 0.0023 | orient\_error: 0.0054

Ep: 916 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0042 | orient\_error: 0.0130

Ep: 917 | done | Collision: 0 | ep\_r: 78.6 | step: 122 | pose\_error: 0.0054 | orient\_error: 0.0054

Ep: 918 | done | Collision: 0 | ep\_r: 77.9 | step: 121 | pose\_error: 0.0034 | orient\_error: 0.0125

Ep: 919 | done | Collision: 0 | ep\_r: 81.8 | step: 125 | pose\_error: 0.0023 | orient\_error: 0.0067

Ep: 920 | done | Collision: 0 | ep\_r: 77.2 | step: 119 | pose\_error: 0.0027 | orient\_error: 0.0091

Ep: 921 | done | Collision: 0 | ep\_r: 78.9 | step: 120 | pose\_error: 0.0034 | orient\_error: 0.0085

Ep: 922 | done | Collision: 0 | ep\_r: 98.1 | step: 133 | pose\_error: 0.0047 | orient\_error: 0.0117

Ep: 923 | done | Collision: 0 | ep\_r: 79.2 | step: 120 | pose\_error: 0.0023 | orient\_error: 0.0045

Ep: 924 | done | Collision: 0 | ep\_r: 77.1 | step: 117 | pose\_error: 0.0043 | orient\_error: 0.0056

Ep: 925 | done | Collision: 0 | ep\_r: 76.8 | step: 117 | pose\_error: 0.0039 | orient\_error: 0.0074

Ep: 926 | done | Collision: 0 | ep\_r: 116.1 | step: 149 | pose\_error: 0.0025 | orient\_error: 0.0126

Ep: 927 | done | Collision: 0 | ep\_r: 78.0 | step: 118 | pose\_error: 0.0022 | orient\_error: 0.0117

Ep: 928 | done | Collision: 0 | ep\_r: 80.8 | step: 117 | pose\_error: 0.0047 | orient\_error: 0.0035

Ep: 929 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0045 | orient\_error: 0.0091

Ep: 930 | done | Collision: 0 | ep\_r: 77.8 | step: 118 | pose\_error: 0.0050 | orient\_error: 0.0027

Ep: 931 | done | Collision: 0 | ep\_r: 78.9 | step: 118 | pose\_error: 0.0058 | orient\_error: 0.0071

Ep: 932 | done | Collision: 0 | ep\_r: 76.3 | step: 121 | pose\_error: 0.0052 | orient\_error: 0.0083

Ep: 933 | done | Collision: 0 | ep\_r: 78.0 | step: 116 | pose\_error: 0.0045 | orient\_error: 0.0030

Ep: 934 | done | Collision: 0 | ep\_r: 77.6 | step: 116 | pose\_error: 0.0037 | orient\_error: 0.0172

Ep: 935 | done | Collision: 0 | ep\_r: 78.8 | step: 119 | pose\_error: 0.0029 | orient\_error: 0.0094

Ep: 936 | done | Collision: 0 | ep\_r: 78.6 | step: 117 | pose\_error: 0.0049 | orient\_error: 0.0036

Ep: 937 | done | Collision: 0 | ep\_r: 78.4 | step: 116 | pose\_error: 0.0054 | orient\_error: 0.0025

Ep: 938 | done | Collision: 0 | ep\_r: 79.3 | step: 116 | pose\_error: 0.0022 | orient\_error: 0.0073

Ep: 939 | done | Collision: 0 | ep\_r: 77.5 | step: 117 | pose\_error: 0.0049 | orient\_error: 0.0044

Ep: 940 | done | Collision: 0 | ep\_r: 76.4 | step: 117 | pose\_error: 0.0045 | orient\_error: 0.0020

Ep: 941 | done | Collision: 0 | ep\_r: 79.9 | step: 118 | pose\_error: 0.0018 | orient\_error: 0.0061

Ep: 942 | done | Collision: 0 | ep\_r: 78.4 | step: 120 | pose\_error: 0.0061 | orient\_error: 0.0060

Ep: 943 | done | Collision: 0 | ep\_r: 78.5 | step: 120 | pose\_error: 0.0058 | orient\_error: 0.0117

Ep: 944 | done | Collision: 0 | ep\_r: 78.3 | step: 125 | pose\_error: 0.0037 | orient\_error: 0.0078

Ep: 945 | done | Collision: 0 | ep\_r: 78.3 | step: 120 | pose\_error: 0.0026 | orient\_error: 0.0125

Ep: 946 | done | Collision: 0 | ep\_r: 139.4 | step: 162 | pose\_error: 0.0062 | orient\_error: 0.0144

Ep: 947 | done | Collision: 0 | ep\_r: 78.6 | step: 118 | pose\_error: 0.0022 | orient\_error: 0.0103

Ep: 948 | done | Collision: 0 | ep\_r: 79.0 | step: 118 | pose\_error: 0.0054 | orient\_error: 0.0065

Ep: 949 | done | Collision: 0 | ep\_r: 92.4 | step: 150 | pose\_error: 0.0052 | orient\_error: 0.0005

Ep: 950 | done | Collision: 0 | ep\_r: 78.2 | step: 119 | pose\_error: 0.0062 | orient\_error: 0.0011

Ep: 951 | done | Collision: 0 | ep\_r: 76.3 | step: 118 | pose\_error: 0.0039 | orient\_error: 0.0024

Ep: 952 | done | Collision: 0 | ep\_r: 175.9 | step: 197 | pose\_error: 0.0049 | orient\_error: 0.0149

Ep: 953 | done | Collision: 0 | ep\_r: 75.1 | step: 116 | pose\_error: 0.0035 | orient\_error: 0.0051

Ep: 954 | done | Collision: 0 | ep\_r: 77.0 | step: 119 | pose\_error: 0.0052 | orient\_error: 0.0106

Ep: 955 | done | Collision: 0 | ep\_r: 80.0 | step: 128 | pose\_error: 0.0079 | orient\_error: 0.0058

Ep: 956 | done | Collision: 0 | ep\_r: 78.2 | step: 118 | pose\_error: 0.0017 | orient\_error: 0.0097

Ep: 957 | done | Collision: 0 | ep\_r: 76.1 | step: 118 | pose\_error: 0.0022 | orient\_error: 0.0106

Ep: 958 | done | Collision: 0 | ep\_r: 77.7 | step: 118 | pose\_error: 0.0057 | orient\_error: 0.0058

Ep: 959 | done | Collision: 0 | ep\_r: 75.1 | step: 120 | pose\_error: 0.0044 | orient\_error: 0.0077

Ep: 960 | done | Collision: 0 | ep\_r: 79.4 | step: 128 | pose\_error: 0.0050 | orient\_error: 0.0128

Ep: 961 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0016 | orient\_error: 0.0029

Ep: 962 | done | Collision: 0 | ep\_r: 77.9 | step: 119 | pose\_error: 0.0036 | orient\_error: 0.0125

Ep: 963 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0012 | orient\_error: 0.0046

Ep: 964 | done | Collision: 0 | ep\_r: 78.9 | step: 117 | pose\_error: 0.0031 | orient\_error: 0.0043

Ep: 965 | done | Collision: 0 | ep\_r: 79.3 | step: 120 | pose\_error: 0.0063 | orient\_error: 0.0056

Ep: 966 | done | Collision: 0 | ep\_r: 79.6 | step: 119 | pose\_error: 0.0054 | orient\_error: 0.0039

Ep: 967 | done | Collision: 0 | ep\_r: 76.6 | step: 120 | pose\_error: 0.0050 | orient\_error: 0.0065

Ep: 968 | done | Collision: 0 | ep\_r: 100.7 | step: 138 | pose\_error: 0.0063 | orient\_error: 0.0059

Ep: 969 | done | Collision: 0 | ep\_r: 77.0 | step: 117 | pose\_error: 0.0041 | orient\_error: 0.0044

Ep: 970 | done | Collision: 0 | ep\_r: 76.0 | step: 116 | pose\_error: 0.0055 | orient\_error: 0.0082

Ep: 971 | done | Collision: 0 | ep\_r: 77.3 | step: 117 | pose\_error: 0.0046 | orient\_error: 0.0140

Ep: 972 | done | Collision: 0 | ep\_r: 75.7 | step: 119 | pose\_error: 0.0027 | orient\_error: 0.0064

Ep: 973 | done | Collision: 0 | ep\_r: 77.9 | step: 116 | pose\_error: 0.0072 | orient\_error: 0.0073

Ep: 974 | done | Collision: 0 | ep\_r: 79.5 | step: 120 | pose\_error: 0.0031 | orient\_error: 0.0061

Ep: 975 | done | Collision: 0 | ep\_r: 77.7 | step: 117 | pose\_error: 0.0059 | orient\_error: 0.0087

Ep: 976 | done | Collision: 0 | ep\_r: 77.2 | step: 120 | pose\_error: 0.0038 | orient\_error: 0.0044

Ep: 977 | done | Collision: 0 | ep\_r: 205.8 | step: 214 | pose\_error: 0.0063 | orient\_error: 0.0073

Ep: 978 | done | Collision: 0 | ep\_r: 78.3 | step: 117 | pose\_error: 0.0053 | orient\_error: 0.0134

Ep: 979 | done | Collision: 0 | ep\_r: 77.2 | step: 120 | pose\_error: 0.0044 | orient\_error: 0.0146

Ep: 980 | done | Collision: 0 | ep\_r: 78.0 | step: 117 | pose\_error: 0.0018 | orient\_error: 0.0089

Ep: 981 | done | Collision: 0 | ep\_r: 77.9 | step: 118 | pose\_error: 0.0075 | orient\_error: 0.0097

Ep: 982 | done | Collision: 0 | ep\_r: 76.9 | step: 118 | pose\_error: 0.0046 | orient\_error: 0.0086

Ep: 983 | done | Collision: 0 | ep\_r: 78.0 | step: 118 | pose\_error: 0.0053 | orient\_error: 0.0105

Ep: 984 | done | Collision: 0 | ep\_r: 78.2 | step: 120 | pose\_error: 0.0049 | orient\_error: 0.0044

Ep: 985 | done | Collision: 0 | ep\_r: 80.4 | step: 121 | pose\_error: 0.0031 | orient\_error: 0.0034

Ep: 986 | done | Collision: 0 | ep\_r: 77.5 | step: 119 | pose\_error: 0.0028 | orient\_error: 0.0088

Ep: 987 | done | Collision: 0 | ep\_r: 80.3 | step: 120 | pose\_error: 0.0017 | orient\_error: 0.0157

Ep: 988 | done | Collision: 0 | ep\_r: 76.7 | step: 119 | pose\_error: 0.0053 | orient\_error: 0.0072

Ep: 989 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0047 | orient\_error: 0.0169

Ep: 990 | done | Collision: 0 | ep\_r: 78.1 | step: 120 | pose\_error: 0.0051 | orient\_error: 0.0074

Ep: 991 | done | Collision: 0 | ep\_r: 77.7 | step: 116 | pose\_error: 0.0018 | orient\_error: 0.0084

Ep: 992 | done | Collision: 0 | ep\_r: 77.2 | step: 120 | pose\_error: 0.0076 | orient\_error: 0.0130

Ep: 993 | done | Collision: 0 | ep\_r: 79.4 | step: 122 | pose\_error: 0.0054 | orient\_error: 0.0097

Ep: 994 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0054 | orient\_error: 0.0110

Ep: 995 | done | Collision: 0 | ep\_r: 78.7 | step: 119 | pose\_error: 0.0063 | orient\_error: 0.0099

Ep: 996 | done | Collision: 0 | ep\_r: 76.6 | step: 117 | pose\_error: 0.0029 | orient\_error: 0.0086

Ep: 997 | done | Collision: 0 | ep\_r: 77.3 | step: 119 | pose\_error: 0.0023 | orient\_error: 0.0117

Ep: 998 | done | Collision: 0 | ep\_r: 79.0 | step: 120 | pose\_error: 0.0018 | orient\_error: 0.0138

Ep: 999 | done | Collision: 0 | ep\_r: 76.9 | step: 117 | pose\_error: 0.0030 | orient\_error: 0.0022

Ep: 1000 | done | Collision: 0 | ep\_r: 76.7 | step: 118 | pose\_error: 0.0040 | orient\_error: 0.0110

Ep: 1001 | done | Collision: 0 | ep\_r: 77.9 | step: 120 | pose\_error: 0.0020 | orient\_error: 0.0081

Ep: 1002 | done | Collision: 0 | ep\_r: 78.5 | step: 116 | pose\_error: 0.0100 | orient\_error: 0.0069

Ep: 1003 | done | Collision: 0 | ep\_r: 78.4 | step: 118 | pose\_error: 0.0040 | orient\_error: 0.0106

Ep: 1004 | done | Collision: 0 | ep\_r: 213.9 | step: 231 | pose\_error: 0.0043 | orient\_error: 0.0127

Ep: 1005 | done | Collision: 0 | ep\_r: 122.7 | step: 150 | pose\_error: 0.0065 | orient\_error: 0.0057

Ep: 1006 | done | Collision: 0 | ep\_r: 85.8 | step: 138 | pose\_error: 0.0022 | orient\_error: 0.0132

Ep: 1007 | --- | Collision: 0 | ep\_r: 225.3 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.0082

Ep: 1008 | done | Collision: 0 | ep\_r: 74.4 | step: 119 | pose\_error: 0.0057 | orient\_error: 0.0085

Ep: 1009 | done | Collision: 1 | ep\_r: 73.4 | step: 113 | pose\_error: 0.0039 | orient\_error: 0.0115

Ep: 1010 | done | Collision: 1 | ep\_r: 69.9 | step: 117 | pose\_error: 0.0041 | orient\_error: 0.0138

Ep: 1011 | done | Collision: 0 | ep\_r: 76.3 | step: 118 | pose\_error: 0.0024 | orient\_error: 0.0101

Ep: 1012 | done | Collision: 1 | ep\_r: 73.7 | step: 120 | pose\_error: 0.0043 | orient\_error: 0.0091

Ep: 1013 | done | Collision: 0 | ep\_r: 78.9 | step: 127 | pose\_error: 0.0047 | orient\_error: 0.0052

Ep: 1014 | done | Collision: 1 | ep\_r: 70.7 | step: 118 | pose\_error: 0.0010 | orient\_error: 0.0120

Ep: 1015 | done | Collision: 0 | ep\_r: 77.9 | step: 121 | pose\_error: 0.0018 | orient\_error: 0.0143

Ep: 1016 | done | Collision: 0 | ep\_r: 77.3 | step: 119 | pose\_error: 0.0025 | orient\_error: 0.0051

Ep: 1017 | done | Collision: 0 | ep\_r: 74.9 | step: 117 | pose\_error: 0.0063 | orient\_error: 0.0059

Ep: 1018 | done | Collision: 0 | ep\_r: 76.5 | step: 119 | pose\_error: 0.0053 | orient\_error: 0.0136

Ep: 1019 | done | Collision: 1 | ep\_r: 71.6 | step: 116 | pose\_error: 0.0047 | orient\_error: 0.0144

Ep: 1020 | done | Collision: 0 | ep\_r: 76.1 | step: 115 | pose\_error: 0.0059 | orient\_error: 0.0098

Ep: 1021 | done | Collision: 0 | ep\_r: 76.6 | step: 117 | pose\_error: 0.0014 | orient\_error: 0.0115

Ep: 1022 | done | Collision: 0 | ep\_r: 75.7 | step: 116 | pose\_error: 0.0040 | orient\_error: 0.0147

Ep: 1023 | done | Collision: 0 | ep\_r: 74.5 | step: 116 | pose\_error: 0.0025 | orient\_error: 0.0135

Ep: 1024 | done | Collision: 0 | ep\_r: 76.5 | step: 119 | pose\_error: 0.0007 | orient\_error: 0.0153

Ep: 1025 | done | Collision: 0 | ep\_r: 76.7 | step: 122 | pose\_error: 0.0036 | orient\_error: 0.0096

Ep: 1026 | done | Collision: 0 | ep\_r: 72.8 | step: 116 | pose\_error: 0.0033 | orient\_error: 0.0148

Ep: 1027 | done | Collision: 0 | ep\_r: 135.1 | step: 165 | pose\_error: 0.0025 | orient\_error: 0.0098

Ep: 1028 | done | Collision: 0 | ep\_r: 75.5 | step: 117 | pose\_error: 0.0044 | orient\_error: 0.0052

Ep: 1029 | done | Collision: 0 | ep\_r: 75.1 | step: 117 | pose\_error: 0.0001 | orient\_error: 0.0089

Ep: 1030 | done | Collision: 0 | ep\_r: 78.7 | step: 117 | pose\_error: 0.0041 | orient\_error: 0.0037

Ep: 1031 | done | Collision: 0 | ep\_r: 76.1 | step: 117 | pose\_error: 0.0044 | orient\_error: 0.0072

Ep: 1032 | done | Collision: 0 | ep\_r: 75.8 | step: 115 | pose\_error: 0.0050 | orient\_error: 0.0087

Ep: 1033 | done | Collision: 0 | ep\_r: 77.3 | step: 119 | pose\_error: 0.0070 | orient\_error: 0.0087

Ep: 1034 | done | Collision: 0 | ep\_r: 77.9 | step: 117 | pose\_error: 0.0022 | orient\_error: 0.0090

Ep: 1035 | done | Collision: 0 | ep\_r: 77.0 | step: 118 | pose\_error: 0.0034 | orient\_error: 0.0027

Ep: 1036 | done | Collision: 0 | ep\_r: 77.5 | step: 118 | pose\_error: 0.0016 | orient\_error: 0.0152

Ep: 1037 | done | Collision: 0 | ep\_r: 76.3 | step: 121 | pose\_error: 0.0053 | orient\_error: 0.0123

Ep: 1038 | done | Collision: 0 | ep\_r: 77.4 | step: 118 | pose\_error: 0.0030 | orient\_error: 0.0159

Ep: 1039 | done | Collision: 0 | ep\_r: 77.1 | step: 119 | pose\_error: 0.0051 | orient\_error: 0.0056

Ep: 1040 | done | Collision: 0 | ep\_r: 80.8 | step: 124 | pose\_error: 0.0060 | orient\_error: 0.0056

Ep: 1041 | done | Collision: 0 | ep\_r: 75.7 | step: 116 | pose\_error: 0.0041 | orient\_error: 0.0084

Ep: 1042 | done | Collision: 0 | ep\_r: 82.3 | step: 126 | pose\_error: 0.0035 | orient\_error: 0.0117

Ep: 1043 | done | Collision: 0 | ep\_r: 76.5 | step: 117 | pose\_error: 0.0051 | orient\_error: 0.0100

Ep: 1044 | done | Collision: 0 | ep\_r: 84.9 | step: 124 | pose\_error: 0.0070 | orient\_error: 0.0116

Ep: 1045 | done | Collision: 0 | ep\_r: 76.5 | step: 119 | pose\_error: 0.0043 | orient\_error: 0.0147

Ep: 1046 | done | Collision: 0 | ep\_r: 205.9 | step: 219 | pose\_error: 0.0043 | orient\_error: 0.0195

Ep: 1047 | done | Collision: 0 | ep\_r: 77.2 | step: 118 | pose\_error: 0.0058 | orient\_error: 0.0104

Ep: 1048 | done | Collision: 0 | ep\_r: 77.1 | step: 115 | pose\_error: 0.0061 | orient\_error: 0.0075

Ep: 1049 | done | Collision: 0 | ep\_r: 78.9 | step: 120 | pose\_error: 0.0072 | orient\_error: 0.0091

Ep: 1050 | --- | Collision: 0 | ep\_r: 265.3 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0125

Ep: 1051 | done | Collision: 0 | ep\_r: 77.9 | step: 119 | pose\_error: 0.0075 | orient\_error: 0.0125

Ep: 1052 | done | Collision: 1 | ep\_r: 74.2 | step: 123 | pose\_error: 0.0033 | orient\_error: 0.0253

Ep: 1053 | done | Collision: 0 | ep\_r: 81.1 | step: 135 | pose\_error: 0.0037 | orient\_error: 0.0141

Ep: 1054 | done | Collision: 0 | ep\_r: 83.4 | step: 130 | pose\_error: 0.0060 | orient\_error: 0.0174

Ep: 1055 | done | Collision: 0 | ep\_r: 78.5 | step: 120 | pose\_error: 0.0022 | orient\_error: 0.0148

Ep: 1056 | done | Collision: 0 | ep\_r: 78.8 | step: 117 | pose\_error: 0.0047 | orient\_error: 0.0065

Ep: 1057 | done | Collision: 0 | ep\_r: 77.6 | step: 116 | pose\_error: 0.0048 | orient\_error: 0.0070

Ep: 1058 | done | Collision: 0 | ep\_r: 79.9 | step: 124 | pose\_error: 0.0025 | orient\_error: 0.0096

Ep: 1059 | done | Collision: 0 | ep\_r: 78.3 | step: 119 | pose\_error: 0.0024 | orient\_error: 0.0132

Ep: 1060 | done | Collision: 0 | ep\_r: 77.8 | step: 119 | pose\_error: 0.0036 | orient\_error: 0.0064

Ep: 1061 | done | Collision: 0 | ep\_r: 76.3 | step: 118 | pose\_error: 0.0053 | orient\_error: 0.0055

Ep: 1062 | done | Collision: 0 | ep\_r: 78.7 | step: 118 | pose\_error: 0.0032 | orient\_error: 0.0106

Ep: 1063 | done | Collision: 0 | ep\_r: 79.5 | step: 120 | pose\_error: 0.0028 | orient\_error: 0.0167

Ep: 1064 | done | Collision: 0 | ep\_r: 77.0 | step: 119 | pose\_error: 0.0027 | orient\_error: 0.0157

Ep: 1065 | done | Collision: 0 | ep\_r: 78.5 | step: 117 | pose\_error: 0.0066 | orient\_error: 0.0085

Ep: 1066 | done | Collision: 0 | ep\_r: 77.7 | step: 120 | pose\_error: 0.0053 | orient\_error: 0.0076

Ep: 1067 | done | Collision: 0 | ep\_r: 91.2 | step: 147 | pose\_error: 0.0033 | orient\_error: 0.0101

Ep: 1068 | done | Collision: 0 | ep\_r: 80.7 | step: 124 | pose\_error: 0.0032 | orient\_error: 0.0097

Ep: 1069 | done | Collision: 0 | ep\_r: 77.8 | step: 121 | pose\_error: 0.0035 | orient\_error: 0.0102

Ep: 1070 | done | Collision: 0 | ep\_r: 78.9 | step: 116 | pose\_error: 0.0015 | orient\_error: 0.0150

Ep: 1071 | done | Collision: 0 | ep\_r: 76.1 | step: 117 | pose\_error: 0.0020 | orient\_error: 0.0186

Ep: 1072 | done | Collision: 0 | ep\_r: 84.8 | step: 130 | pose\_error: 0.0053 | orient\_error: 0.0136

Ep: 1073 | done | Collision: 0 | ep\_r: 78.5 | step: 118 | pose\_error: 0.0051 | orient\_error: 0.0118

Ep: 1074 | done | Collision: 0 | ep\_r: 76.0 | step: 116 | pose\_error: 0.0032 | orient\_error: 0.0055

Ep: 1075 | done | Collision: 0 | ep\_r: 85.6 | step: 134 | pose\_error: 0.0042 | orient\_error: 0.0088

Ep: 1076 | done | Collision: 0 | ep\_r: 77.4 | step: 120 | pose\_error: 0.0026 | orient\_error: 0.0112

Ep: 1077 | done | Collision: 0 | ep\_r: 76.4 | step: 117 | pose\_error: 0.0016 | orient\_error: 0.0063

Ep: 1078 | done | Collision: 0 | ep\_r: 75.8 | step: 115 | pose\_error: 0.0046 | orient\_error: 0.0171

Ep: 1079 | done | Collision: 0 | ep\_r: 77.3 | step: 120 | pose\_error: 0.0040 | orient\_error: 0.0047

Ep: 1080 | done | Collision: 0 | ep\_r: 76.4 | step: 120 | pose\_error: 0.0012 | orient\_error: 0.0069

Ep: 1081 | done | Collision: 0 | ep\_r: 75.9 | step: 118 | pose\_error: 0.0021 | orient\_error: 0.0068

Ep: 1082 | done | Collision: 0 | ep\_r: 178.6 | step: 192 | pose\_error: 0.0056 | orient\_error: 0.0112

Ep: 1083 | done | Collision: 0 | ep\_r: 73.7 | step: 115 | pose\_error: 0.0033 | orient\_error: 0.0086

Ep: 1084 | done | Collision: 0 | ep\_r: 77.6 | step: 120 | pose\_error: 0.0066 | orient\_error: 0.0036

Ep: 1085 | done | Collision: 0 | ep\_r: 78.3 | step: 115 | pose\_error: 0.0058 | orient\_error: 0.0082

Ep: 1086 | done | Collision: 0 | ep\_r: 79.6 | step: 117 | pose\_error: 0.0042 | orient\_error: 0.0075

Ep: 1087 | done | Collision: 0 | ep\_r: 77.5 | step: 121 | pose\_error: 0.0021 | orient\_error: 0.0035

Ep: 1088 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0037 | orient\_error: 0.0075

Ep: 1089 | done | Collision: 0 | ep\_r: 79.8 | step: 118 | pose\_error: 0.0026 | orient\_error: 0.0153

Ep: 1090 | done | Collision: 0 | ep\_r: 78.1 | step: 121 | pose\_error: 0.0055 | orient\_error: 0.0067

Ep: 1091 | done | Collision: 0 | ep\_r: 80.2 | step: 125 | pose\_error: 0.0022 | orient\_error: 0.0064

Ep: 1092 | done | Collision: 0 | ep\_r: 78.0 | step: 118 | pose\_error: 0.0013 | orient\_error: 0.0061

Ep: 1093 | done | Collision: 0 | ep\_r: 84.3 | step: 130 | pose\_error: 0.0042 | orient\_error: 0.0138

Ep: 1094 | done | Collision: 0 | ep\_r: 81.8 | step: 126 | pose\_error: 0.0012 | orient\_error: 0.0117

Ep: 1095 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0049 | orient\_error: 0.0036

Ep: 1096 | done | Collision: 0 | ep\_r: 75.4 | step: 117 | pose\_error: 0.0055 | orient\_error: 0.0038

Ep: 1097 | done | Collision: 0 | ep\_r: 77.3 | step: 116 | pose\_error: 0.0038 | orient\_error: 0.0078

Ep: 1098 | done | Collision: 0 | ep\_r: 78.7 | step: 120 | pose\_error: 0.0034 | orient\_error: 0.0040

Ep: 1099 | done | Collision: 0 | ep\_r: 78.3 | step: 118 | pose\_error: 0.0071 | orient\_error: 0.0070

Ep: 1100 | done | Collision: 0 | ep\_r: 87.8 | step: 123 | pose\_error: 0.0038 | orient\_error: 0.0075

Ep: 1101 | done | Collision: 0 | ep\_r: 77.1 | step: 121 | pose\_error: 0.0054 | orient\_error: 0.0126

Ep: 1102 | done | Collision: 0 | ep\_r: 76.1 | step: 114 | pose\_error: 0.0050 | orient\_error: 0.0141

Ep: 1103 | done | Collision: 0 | ep\_r: 87.8 | step: 143 | pose\_error: 0.0039 | orient\_error: 0.0090

Ep: 1104 | done | Collision: 0 | ep\_r: 77.4 | step: 117 | pose\_error: 0.0027 | orient\_error: 0.0102

Ep: 1105 | done | Collision: 0 | ep\_r: 77.0 | step: 118 | pose\_error: 0.0070 | orient\_error: 0.0171

Ep: 1106 | done | Collision: 0 | ep\_r: 79.9 | step: 120 | pose\_error: 0.0042 | orient\_error: 0.0081

Ep: 1107 | done | Collision: 0 | ep\_r: 77.2 | step: 118 | pose\_error: 0.0058 | orient\_error: 0.0099

Ep: 1108 | done | Collision: 0 | ep\_r: 79.0 | step: 121 | pose\_error: 0.0054 | orient\_error: 0.0126

Ep: 1109 | done | Collision: 0 | ep\_r: 77.9 | step: 121 | pose\_error: 0.0042 | orient\_error: 0.0154

Ep: 1110 | done | Collision: 0 | ep\_r: 77.6 | step: 118 | pose\_error: 0.0048 | orient\_error: 0.0139

Ep: 1111 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0054 | orient\_error: 0.0119

Ep: 1112 | done | Collision: 0 | ep\_r: 77.9 | step: 118 | pose\_error: 0.0024 | orient\_error: 0.0095

Ep: 1113 | done | Collision: 0 | ep\_r: 78.3 | step: 119 | pose\_error: 0.0030 | orient\_error: 0.0039

Ep: 1114 | done | Collision: 0 | ep\_r: 77.7 | step: 117 | pose\_error: 0.0042 | orient\_error: 0.0134

Ep: 1115 | done | Collision: 0 | ep\_r: 78.3 | step: 120 | pose\_error: 0.0031 | orient\_error: 0.0049

Ep: 1116 | done | Collision: 0 | ep\_r: 77.9 | step: 117 | pose\_error: 0.0048 | orient\_error: 0.0108

Ep: 1117 | done | Collision: 0 | ep\_r: 136.3 | step: 158 | pose\_error: 0.0048 | orient\_error: 0.0093

Ep: 1118 | done | Collision: 0 | ep\_r: 81.8 | step: 124 | pose\_error: 0.0070 | orient\_error: 0.0116

Ep: 1119 | done | Collision: 0 | ep\_r: 80.2 | step: 122 | pose\_error: 0.0059 | orient\_error: 0.0116

Ep: 1120 | done | Collision: 0 | ep\_r: 80.8 | step: 121 | pose\_error: 0.0026 | orient\_error: 0.0085

Ep: 1121 | done | Collision: 0 | ep\_r: 78.2 | step: 120 | pose\_error: 0.0035 | orient\_error: 0.0132

Ep: 1122 | done | Collision: 0 | ep\_r: 78.6 | step: 119 | pose\_error: 0.0045 | orient\_error: 0.0099

Ep: 1123 | done | Collision: 0 | ep\_r: 80.0 | step: 119 | pose\_error: 0.0045 | orient\_error: 0.0048

Ep: 1124 | done | Collision: 0 | ep\_r: 78.0 | step: 119 | pose\_error: 0.0043 | orient\_error: 0.0057

Ep: 1125 | done | Collision: 0 | ep\_r: 77.3 | step: 117 | pose\_error: 0.0046 | orient\_error: 0.0102

Ep: 1126 | done | Collision: 0 | ep\_r: 78.5 | step: 117 | pose\_error: 0.0045 | orient\_error: 0.0085

Ep: 1127 | done | Collision: 0 | ep\_r: 79.1 | step: 118 | pose\_error: 0.0031 | orient\_error: 0.0072

Ep: 1128 | done | Collision: 0 | ep\_r: 96.3 | step: 127 | pose\_error: 0.0040 | orient\_error: 0.0051

Ep: 1129 | done | Collision: 0 | ep\_r: 76.7 | step: 116 | pose\_error: 0.0070 | orient\_error: 0.0119

Ep: 1130 | done | Collision: 0 | ep\_r: 78.3 | step: 116 | pose\_error: 0.0058 | orient\_error: 0.0125

Ep: 1131 | done | Collision: 0 | ep\_r: 86.5 | step: 124 | pose\_error: 0.0074 | orient\_error: 0.0096

Ep: 1132 | done | Collision: 0 | ep\_r: 76.1 | step: 117 | pose\_error: 0.0032 | orient\_error: 0.0070

Ep: 1133 | done | Collision: 0 | ep\_r: 77.2 | step: 118 | pose\_error: 0.0017 | orient\_error: 0.0083

Ep: 1134 | done | Collision: 0 | ep\_r: 86.6 | step: 138 | pose\_error: 0.0043 | orient\_error: 0.0131

Ep: 1135 | done | Collision: 0 | ep\_r: 80.9 | step: 124 | pose\_error: 0.0065 | orient\_error: 0.0103

Ep: 1136 | done | Collision: 0 | ep\_r: 77.3 | step: 116 | pose\_error: 0.0061 | orient\_error: 0.0124

Ep: 1137 | done | Collision: 0 | ep\_r: 105.6 | step: 144 | pose\_error: 0.0063 | orient\_error: 0.0096

Ep: 1138 | done | Collision: 0 | ep\_r: 78.1 | step: 116 | pose\_error: 0.0041 | orient\_error: 0.0119

Ep: 1139 | done | Collision: 0 | ep\_r: 87.1 | step: 137 | pose\_error: 0.0060 | orient\_error: 0.0094

Ep: 1140 | done | Collision: 0 | ep\_r: 78.7 | step: 120 | pose\_error: 0.0050 | orient\_error: 0.0128

Ep: 1141 | done | Collision: 0 | ep\_r: 78.3 | step: 118 | pose\_error: 0.0045 | orient\_error: 0.0066

Ep: 1142 | done | Collision: 0 | ep\_r: 76.9 | step: 122 | pose\_error: 0.0054 | orient\_error: 0.0151

Ep: 1143 | done | Collision: 0 | ep\_r: 167.6 | step: 180 | pose\_error: 0.0053 | orient\_error: 0.0042

Ep: 1144 | done | Collision: 0 | ep\_r: 76.7 | step: 117 | pose\_error: 0.0032 | orient\_error: 0.0072

Ep: 1145 | done | Collision: 0 | ep\_r: 80.2 | step: 120 | pose\_error: 0.0034 | orient\_error: 0.0071

Ep: 1146 | done | Collision: 0 | ep\_r: 78.0 | step: 118 | pose\_error: 0.0052 | orient\_error: 0.0062

Ep: 1147 | done | Collision: 0 | ep\_r: 78.4 | step: 118 | pose\_error: 0.0045 | orient\_error: 0.0061

Ep: 1148 | done | Collision: 0 | ep\_r: 77.6 | step: 117 | pose\_error: 0.0034 | orient\_error: 0.0063

Ep: 1149 | done | Collision: 0 | ep\_r: 78.0 | step: 121 | pose\_error: 0.0045 | orient\_error: 0.0064

Ep: 1150 | done | Collision: 0 | ep\_r: 149.5 | step: 166 | pose\_error: 0.0035 | orient\_error: 0.0076

Ep: 1151 | done | Collision: 0 | ep\_r: 123.2 | step: 154 | pose\_error: 0.0049 | orient\_error: 0.0098

Ep: 1152 | done | Collision: 0 | ep\_r: 78.6 | step: 120 | pose\_error: 0.0039 | orient\_error: 0.0015

Ep: 1153 | done | Collision: 0 | ep\_r: 78.9 | step: 119 | pose\_error: 0.0070 | orient\_error: 0.0055

Ep: 1154 | done | Collision: 0 | ep\_r: 76.7 | step: 118 | pose\_error: 0.0016 | orient\_error: 0.0036

Ep: 1155 | done | Collision: 0 | ep\_r: 136.9 | step: 162 | pose\_error: 0.0071 | orient\_error: 0.0094

Ep: 1156 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0047 | orient\_error: 0.0028

Ep: 1157 | done | Collision: 0 | ep\_r: 123.7 | step: 151 | pose\_error: 0.0036 | orient\_error: 0.0087

Ep: 1158 | done | Collision: 0 | ep\_r: 77.8 | step: 120 | pose\_error: 0.0010 | orient\_error: 0.0119

Ep: 1159 | done | Collision: 0 | ep\_r: 82.0 | step: 126 | pose\_error: 0.0051 | orient\_error: 0.0099

Ep: 1160 | done | Collision: 0 | ep\_r: 77.9 | step: 114 | pose\_error: 0.0044 | orient\_error: 0.0102

Ep: 1161 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0070 | orient\_error: 0.0098

Ep: 1162 | done | Collision: 0 | ep\_r: 78.4 | step: 116 | pose\_error: 0.0020 | orient\_error: 0.0042

Ep: 1163 | done | Collision: 0 | ep\_r: 78.6 | step: 118 | pose\_error: 0.0061 | orient\_error: 0.0100

Ep: 1164 | done | Collision: 0 | ep\_r: 76.4 | step: 118 | pose\_error: 0.0036 | orient\_error: 0.0138

Ep: 1165 | done | Collision: 0 | ep\_r: 108.6 | step: 138 | pose\_error: 0.0012 | orient\_error: 0.0135

Ep: 1166 | done | Collision: 0 | ep\_r: 79.9 | step: 118 | pose\_error: 0.0036 | orient\_error: 0.0119

Ep: 1167 | done | Collision: 0 | ep\_r: 79.8 | step: 120 | pose\_error: 0.0052 | orient\_error: 0.0087

Ep: 1168 | done | Collision: 0 | ep\_r: 78.7 | step: 118 | pose\_error: 0.0033 | orient\_error: 0.0126

Ep: 1169 | done | Collision: 0 | ep\_r: 79.4 | step: 118 | pose\_error: 0.0046 | orient\_error: 0.0034

Ep: 1170 | done | Collision: 0 | ep\_r: 77.8 | step: 122 | pose\_error: 0.0049 | orient\_error: 0.0029

Ep: 1171 | done | Collision: 0 | ep\_r: 77.0 | step: 115 | pose\_error: 0.0034 | orient\_error: 0.0084

Ep: 1172 | done | Collision: 0 | ep\_r: 74.8 | step: 116 | pose\_error: 0.0046 | orient\_error: 0.0130

Ep: 1173 | done | Collision: 0 | ep\_r: 78.5 | step: 118 | pose\_error: 0.0071 | orient\_error: 0.0096

Ep: 1174 | done | Collision: 0 | ep\_r: 79.4 | step: 118 | pose\_error: 0.0039 | orient\_error: 0.0056

Ep: 1175 | done | Collision: 0 | ep\_r: 77.3 | step: 113 | pose\_error: 0.0071 | orient\_error: 0.0125

Ep: 1176 | done | Collision: 0 | ep\_r: 81.3 | step: 121 | pose\_error: 0.0041 | orient\_error: 0.0147

Ep: 1177 | done | Collision: 0 | ep\_r: 155.0 | step: 171 | pose\_error: 0.0032 | orient\_error: 0.0079

Ep: 1178 | done | Collision: 0 | ep\_r: 77.1 | step: 118 | pose\_error: 0.0044 | orient\_error: 0.0066

Ep: 1179 | done | Collision: 0 | ep\_r: 77.9 | step: 117 | pose\_error: 0.0070 | orient\_error: 0.0061

Ep: 1180 | done | Collision: 0 | ep\_r: 78.2 | step: 118 | pose\_error: 0.0048 | orient\_error: 0.0102

Ep: 1181 | done | Collision: 0 | ep\_r: 151.2 | step: 171 | pose\_error: 0.0042 | orient\_error: 0.0099

Ep: 1182 | done | Collision: 0 | ep\_r: 76.7 | step: 117 | pose\_error: 0.0061 | orient\_error: 0.0063

Ep: 1183 | done | Collision: 0 | ep\_r: 77.9 | step: 116 | pose\_error: 0.0057 | orient\_error: 0.0121

Ep: 1184 | done | Collision: 0 | ep\_r: 83.4 | step: 125 | pose\_error: 0.0051 | orient\_error: 0.0027

Ep: 1185 | done | Collision: 0 | ep\_r: 156.7 | step: 176 | pose\_error: 0.0057 | orient\_error: 0.0071

Ep: 1186 | done | Collision: 0 | ep\_r: 78.0 | step: 117 | pose\_error: 0.0035 | orient\_error: 0.0114

Ep: 1187 | done | Collision: 0 | ep\_r: 124.6 | step: 152 | pose\_error: 0.0033 | orient\_error: 0.0081

Ep: 1188 | done | Collision: 0 | ep\_r: 77.6 | step: 119 | pose\_error: 0.0065 | orient\_error: 0.0095

Ep: 1189 | done | Collision: 0 | ep\_r: 76.6 | step: 118 | pose\_error: 0.0074 | orient\_error: 0.0048

Ep: 1190 | done | Collision: 0 | ep\_r: 78.5 | step: 117 | pose\_error: 0.0022 | orient\_error: 0.0182

Ep: 1191 | done | Collision: 0 | ep\_r: 76.8 | step: 118 | pose\_error: 0.0008 | orient\_error: 0.0091

Ep: 1192 | done | Collision: 0 | ep\_r: 84.8 | step: 134 | pose\_error: 0.0069 | orient\_error: 0.0060

Ep: 1193 | done | Collision: 0 | ep\_r: 87.5 | step: 138 | pose\_error: 0.0056 | orient\_error: 0.0149

Ep: 1194 | done | Collision: 0 | ep\_r: 75.9 | step: 116 | pose\_error: 0.0020 | orient\_error: 0.0104

Ep: 1195 | done | Collision: 0 | ep\_r: 78.5 | step: 118 | pose\_error: 0.0041 | orient\_error: 0.0069

Ep: 1196 | done | Collision: 0 | ep\_r: 78.6 | step: 113 | pose\_error: 0.0022 | orient\_error: 0.0079

Ep: 1197 | done | Collision: 0 | ep\_r: 77.7 | step: 117 | pose\_error: 0.0046 | orient\_error: 0.0102

Ep: 1198 | done | Collision: 0 | ep\_r: 79.2 | step: 119 | pose\_error: 0.0056 | orient\_error: 0.0113

Ep: 1199 | done | Collision: 0 | ep\_r: 79.0 | step: 117 | pose\_error: 0.0043 | orient\_error: 0.0127

Ep: 1200 | done | Collision: 0 | ep\_r: 77.5 | step: 120 | pose\_error: 0.0053 | orient\_error: 0.0103

Ep: 1201 | done | Collision: 0 | ep\_r: 78.4 | step: 118 | pose\_error: 0.0025 | orient\_error: 0.0102

Ep: 1202 | done | Collision: 0 | ep\_r: 78.2 | step: 116 | pose\_error: 0.0048 | orient\_error: 0.0142

Ep: 1203 | done | Collision: 0 | ep\_r: 80.6 | step: 118 | pose\_error: 0.0047 | orient\_error: 0.0113

Ep: 1204 | done | Collision: 0 | ep\_r: 78.9 | step: 116 | pose\_error: 0.0033 | orient\_error: 0.0147

Ep: 1205 | done | Collision: 0 | ep\_r: 76.2 | step: 116 | pose\_error: 0.0045 | orient\_error: 0.0049

Ep: 1206 | done | Collision: 0 | ep\_r: 101.3 | step: 166 | pose\_error: 0.0064 | orient\_error: 0.0152

Ep: 1207 | done | Collision: 0 | ep\_r: 83.9 | step: 124 | pose\_error: 0.0042 | orient\_error: 0.0038

Ep: 1208 | done | Collision: 0 | ep\_r: 76.7 | step: 119 | pose\_error: 0.0058 | orient\_error: 0.0107

Ep: 1209 | done | Collision: 0 | ep\_r: 79.2 | step: 118 | pose\_error: 0.0026 | orient\_error: 0.0085

Ep: 1210 | done | Collision: 0 | ep\_r: 81.0 | step: 121 | pose\_error: 0.0067 | orient\_error: 0.0136

Ep: 1211 | done | Collision: 0 | ep\_r: 77.6 | step: 117 | pose\_error: 0.0014 | orient\_error: 0.0068

Ep: 1212 | done | Collision: 0 | ep\_r: 77.2 | step: 119 | pose\_error: 0.0046 | orient\_error: 0.0050

Ep: 1213 | done | Collision: 0 | ep\_r: 77.4 | step: 116 | pose\_error: 0.0020 | orient\_error: 0.0119

Ep: 1214 | done | Collision: 0 | ep\_r: 79.9 | step: 120 | pose\_error: 0.0033 | orient\_error: 0.0130

Ep: 1215 | done | Collision: 0 | ep\_r: 81.3 | step: 120 | pose\_error: 0.0029 | orient\_error: 0.0111

Ep: 1216 | done | Collision: 0 | ep\_r: 132.4 | step: 154 | pose\_error: 0.0076 | orient\_error: 0.0101

Ep: 1217 | done | Collision: 0 | ep\_r: 78.0 | step: 116 | pose\_error: 0.0016 | orient\_error: 0.0117

Ep: 1218 | done | Collision: 0 | ep\_r: 78.1 | step: 116 | pose\_error: 0.0041 | orient\_error: 0.0095

Ep: 1219 | done | Collision: 0 | ep\_r: 79.3 | step: 115 | pose\_error: 0.0033 | orient\_error: 0.0143

Ep: 1220 | done | Collision: 0 | ep\_r: 75.4 | step: 117 | pose\_error: 0.0030 | orient\_error: 0.0101

Ep: 1221 | done | Collision: 0 | ep\_r: 78.0 | step: 119 | pose\_error: 0.0039 | orient\_error: 0.0120

Ep: 1222 | done | Collision: 0 | ep\_r: 76.7 | step: 117 | pose\_error: 0.0014 | orient\_error: 0.0098

Ep: 1223 | done | Collision: 0 | ep\_r: 160.3 | step: 197 | pose\_error: 0.0021 | orient\_error: 0.0095

Ep: 1224 | done | Collision: 0 | ep\_r: 78.0 | step: 116 | pose\_error: 0.0031 | orient\_error: 0.0095

Ep: 1225 | done | Collision: 0 | ep\_r: 80.2 | step: 117 | pose\_error: 0.0033 | orient\_error: 0.0078

Ep: 1226 | done | Collision: 0 | ep\_r: 77.5 | step: 117 | pose\_error: 0.0037 | orient\_error: 0.0085

Ep: 1227 | done | Collision: 0 | ep\_r: 81.3 | step: 119 | pose\_error: 0.0028 | orient\_error: 0.0097

Ep: 1228 | done | Collision: 0 | ep\_r: 77.8 | step: 116 | pose\_error: 0.0046 | orient\_error: 0.0118

Ep: 1229 | done | Collision: 0 | ep\_r: 140.4 | step: 177 | pose\_error: 0.0017 | orient\_error: 0.0160

Ep: 1230 | done | Collision: 0 | ep\_r: 84.0 | step: 126 | pose\_error: 0.0018 | orient\_error: 0.0066

Ep: 1231 | done | Collision: 0 | ep\_r: 78.3 | step: 117 | pose\_error: 0.0047 | orient\_error: 0.0077

Ep: 1232 | done | Collision: 0 | ep\_r: 78.5 | step: 116 | pose\_error: 0.0032 | orient\_error: 0.0148

Ep: 1233 | done | Collision: 0 | ep\_r: 80.5 | step: 121 | pose\_error: 0.0020 | orient\_error: 0.0039

Ep: 1234 | done | Collision: 0 | ep\_r: 78.2 | step: 119 | pose\_error: 0.0050 | orient\_error: 0.0160

Ep: 1235 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0046 | orient\_error: 0.0064

Ep: 1236 | done | Collision: 0 | ep\_r: 77.7 | step: 117 | pose\_error: 0.0038 | orient\_error: 0.0125

Ep: 1237 | done | Collision: 0 | ep\_r: 79.5 | step: 117 | pose\_error: 0.0040 | orient\_error: 0.0050

Ep: 1238 | done | Collision: 0 | ep\_r: 78.5 | step: 117 | pose\_error: 0.0038 | orient\_error: 0.0098

Ep: 1239 | done | Collision: 0 | ep\_r: 82.9 | step: 126 | pose\_error: 0.0052 | orient\_error: 0.0118

Ep: 1240 | done | Collision: 0 | ep\_r: 77.4 | step: 115 | pose\_error: 0.0016 | orient\_error: 0.0069

Ep: 1241 | done | Collision: 0 | ep\_r: 78.0 | step: 119 | pose\_error: 0.0032 | orient\_error: 0.0034

Ep: 1242 | done | Collision: 0 | ep\_r: 132.5 | step: 157 | pose\_error: 0.0047 | orient\_error: 0.0091

Ep: 1243 | done | Collision: 0 | ep\_r: 78.9 | step: 117 | pose\_error: 0.0027 | orient\_error: 0.0108

Ep: 1244 | done | Collision: 0 | ep\_r: 77.9 | step: 117 | pose\_error: 0.0040 | orient\_error: 0.0068

Ep: 1245 | done | Collision: 0 | ep\_r: 77.6 | step: 116 | pose\_error: 0.0058 | orient\_error: 0.0093

Ep: 1246 | done | Collision: 0 | ep\_r: 79.0 | step: 118 | pose\_error: 0.0016 | orient\_error: 0.0098

Ep: 1247 | done | Collision: 0 | ep\_r: 91.1 | step: 141 | pose\_error: 0.0022 | orient\_error: 0.0116

Ep: 1248 | done | Collision: 0 | ep\_r: 79.6 | step: 119 | pose\_error: 0.0043 | orient\_error: 0.0054

Ep: 1249 | done | Collision: 0 | ep\_r: 79.2 | step: 119 | pose\_error: 0.0039 | orient\_error: 0.0134

Ep: 1250 | done | Collision: 0 | ep\_r: 78.8 | step: 114 | pose\_error: 0.0040 | orient\_error: 0.0154

Ep: 1251 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0013 | orient\_error: 0.0122

Ep: 1252 | done | Collision: 0 | ep\_r: 80.3 | step: 118 | pose\_error: 0.0028 | orient\_error: 0.0163

Ep: 1253 | done | Collision: 0 | ep\_r: 81.5 | step: 119 | pose\_error: 0.0056 | orient\_error: 0.0106

Ep: 1254 | done | Collision: 0 | ep\_r: 79.4 | step: 118 | pose\_error: 0.0029 | orient\_error: 0.0051

Ep: 1255 | done | Collision: 0 | ep\_r: 78.5 | step: 119 | pose\_error: 0.0043 | orient\_error: 0.0043

Ep: 1256 | done | Collision: 0 | ep\_r: 76.0 | step: 115 | pose\_error: 0.0052 | orient\_error: 0.0118

Ep: 1257 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0025 | orient\_error: 0.0122

Ep: 1258 | done | Collision: 0 | ep\_r: 79.3 | step: 117 | pose\_error: 0.0033 | orient\_error: 0.0056

Ep: 1259 | done | Collision: 0 | ep\_r: 78.0 | step: 117 | pose\_error: 0.0030 | orient\_error: 0.0146

Ep: 1260 | done | Collision: 0 | ep\_r: 82.1 | step: 126 | pose\_error: 0.0066 | orient\_error: 0.0100

Ep: 1261 | done | Collision: 0 | ep\_r: 80.1 | step: 116 | pose\_error: 0.0043 | orient\_error: 0.0087

Ep: 1262 | done | Collision: 0 | ep\_r: 80.9 | step: 119 | pose\_error: 0.0041 | orient\_error: 0.0101

Ep: 1263 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0044 | orient\_error: 0.0084

Ep: 1264 | done | Collision: 0 | ep\_r: 141.2 | step: 158 | pose\_error: 0.0042 | orient\_error: 0.0127

Ep: 1265 | done | Collision: 0 | ep\_r: 77.7 | step: 115 | pose\_error: 0.0026 | orient\_error: 0.0060

Ep: 1266 | done | Collision: 0 | ep\_r: 78.3 | step: 115 | pose\_error: 0.0012 | orient\_error: 0.0165

Ep: 1267 | done | Collision: 0 | ep\_r: 80.2 | step: 120 | pose\_error: 0.0035 | orient\_error: 0.0132

Ep: 1268 | done | Collision: 0 | ep\_r: 78.6 | step: 124 | pose\_error: 0.0033 | orient\_error: 0.0229

Ep: 1269 | done | Collision: 0 | ep\_r: 77.1 | step: 113 | pose\_error: 0.0020 | orient\_error: 0.0080

Ep: 1270 | done | Collision: 0 | ep\_r: 78.2 | step: 116 | pose\_error: 0.0056 | orient\_error: 0.0140

Ep: 1271 | done | Collision: 0 | ep\_r: 79.8 | step: 117 | pose\_error: 0.0044 | orient\_error: 0.0131

Ep: 1272 | done | Collision: 0 | ep\_r: 78.0 | step: 117 | pose\_error: 0.0033 | orient\_error: 0.0109

Ep: 1273 | done | Collision: 0 | ep\_r: 78.1 | step: 117 | pose\_error: 0.0026 | orient\_error: 0.0159

Ep: 1274 | done | Collision: 0 | ep\_r: 78.0 | step: 116 | pose\_error: 0.0075 | orient\_error: 0.0099

Ep: 1275 | done | Collision: 0 | ep\_r: 76.9 | step: 117 | pose\_error: 0.0043 | orient\_error: 0.0142

Ep: 1276 | done | Collision: 0 | ep\_r: 77.7 | step: 116 | pose\_error: 0.0033 | orient\_error: 0.0082

Ep: 1277 | done | Collision: 0 | ep\_r: 143.5 | step: 161 | pose\_error: 0.0056 | orient\_error: 0.0112

Ep: 1278 | done | Collision: 0 | ep\_r: 78.7 | step: 116 | pose\_error: 0.0031 | orient\_error: 0.0062

Ep: 1279 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0030 | orient\_error: 0.0148

Ep: 1280 | done | Collision: 0 | ep\_r: 79.0 | step: 118 | pose\_error: 0.0013 | orient\_error: 0.0106

Ep: 1281 | done | Collision: 0 | ep\_r: 78.2 | step: 118 | pose\_error: 0.0075 | orient\_error: 0.0070

Ep: 1282 | done | Collision: 0 | ep\_r: 78.6 | step: 123 | pose\_error: 0.0030 | orient\_error: 0.0102

Ep: 1283 | done | Collision: 0 | ep\_r: 78.7 | step: 116 | pose\_error: 0.0067 | orient\_error: 0.0112

Ep: 1284 | done | Collision: 0 | ep\_r: 80.2 | step: 117 | pose\_error: 0.0035 | orient\_error: 0.0122

Ep: 1285 | done | Collision: 0 | ep\_r: 77.9 | step: 117 | pose\_error: 0.0019 | orient\_error: 0.0081

Ep: 1286 | done | Collision: 0 | ep\_r: 77.9 | step: 118 | pose\_error: 0.0064 | orient\_error: 0.0078

Ep: 1287 | done | Collision: 0 | ep\_r: 77.5 | step: 114 | pose\_error: 0.0040 | orient\_error: 0.0077

Ep: 1288 | done | Collision: 0 | ep\_r: 78.1 | step: 119 | pose\_error: 0.0037 | orient\_error: 0.0052

Ep: 1289 | done | Collision: 0 | ep\_r: 78.3 | step: 116 | pose\_error: 0.0038 | orient\_error: 0.0071

Ep: 1290 | done | Collision: 0 | ep\_r: 115.3 | step: 143 | pose\_error: 0.0053 | orient\_error: 0.0062

Ep: 1291 | done | Collision: 0 | ep\_r: 79.4 | step: 116 | pose\_error: 0.0032 | orient\_error: 0.0075

Ep: 1292 | done | Collision: 0 | ep\_r: 77.9 | step: 115 | pose\_error: 0.0039 | orient\_error: 0.0074

Ep: 1293 | done | Collision: 0 | ep\_r: 80.1 | step: 118 | pose\_error: 0.0025 | orient\_error: 0.0085

Ep: 1294 | done | Collision: 0 | ep\_r: 78.6 | step: 117 | pose\_error: 0.0048 | orient\_error: 0.0088

Ep: 1295 | done | Collision: 0 | ep\_r: 79.4 | step: 118 | pose\_error: 0.0034 | orient\_error: 0.0142

Ep: 1296 | done | Collision: 0 | ep\_r: 77.2 | step: 116 | pose\_error: 0.0016 | orient\_error: 0.0091

Ep: 1297 | done | Collision: 0 | ep\_r: 77.5 | step: 115 | pose\_error: 0.0018 | orient\_error: 0.0066

Ep: 1298 | done | Collision: 0 | ep\_r: 78.7 | step: 119 | pose\_error: 0.0066 | orient\_error: 0.0076

Ep: 1299 | done | Collision: 0 | ep\_r: 77.8 | step: 119 | pose\_error: 0.0019 | orient\_error: 0.0053

Ep: 1300 | done | Collision: 0 | ep\_r: 78.1 | step: 119 | pose\_error: 0.0051 | orient\_error: 0.0059

Ep: 1301 | done | Collision: 0 | ep\_r: 77.6 | step: 118 | pose\_error: 0.0021 | orient\_error: 0.0067

Ep: 1302 | done | Collision: 0 | ep\_r: 78.5 | step: 118 | pose\_error: 0.0026 | orient\_error: 0.0128

Ep: 1303 | done | Collision: 0 | ep\_r: 78.9 | step: 116 | pose\_error: 0.0026 | orient\_error: 0.0070

Ep: 1304 | done | Collision: 0 | ep\_r: 80.0 | step: 116 | pose\_error: 0.0027 | orient\_error: 0.0080

Ep: 1305 | done | Collision: 0 | ep\_r: 78.7 | step: 115 | pose\_error: 0.0027 | orient\_error: 0.0109

Ep: 1306 | done | Collision: 0 | ep\_r: 79.2 | step: 117 | pose\_error: 0.0029 | orient\_error: 0.0087

Ep: 1307 | done | Collision: 0 | ep\_r: 77.8 | step: 116 | pose\_error: 0.0046 | orient\_error: 0.0165

Ep: 1308 | done | Collision: 0 | ep\_r: 78.4 | step: 115 | pose\_error: 0.0054 | orient\_error: 0.0153

Ep: 1309 | done | Collision: 0 | ep\_r: 77.4 | step: 116 | pose\_error: 0.0019 | orient\_error: 0.0085

Ep: 1310 | done | Collision: 0 | ep\_r: 78.3 | step: 116 | pose\_error: 0.0033 | orient\_error: 0.0117

Ep: 1311 | done | Collision: 0 | ep\_r: 78.5 | step: 118 | pose\_error: 0.0058 | orient\_error: 0.0124

Ep: 1312 | done | Collision: 0 | ep\_r: 78.3 | step: 116 | pose\_error: 0.0023 | orient\_error: 0.0068

Ep: 1313 | done | Collision: 0 | ep\_r: 78.1 | step: 116 | pose\_error: 0.0062 | orient\_error: 0.0129

Ep: 1314 | done | Collision: 0 | ep\_r: 101.9 | step: 134 | pose\_error: 0.0019 | orient\_error: 0.0145

Ep: 1315 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0051 | orient\_error: 0.0132

Ep: 1316 | done | Collision: 0 | ep\_r: 79.6 | step: 119 | pose\_error: 0.0030 | orient\_error: 0.0064

Ep: 1317 | done | Collision: 0 | ep\_r: 78.0 | step: 115 | pose\_error: 0.0022 | orient\_error: 0.0074

Ep: 1318 | done | Collision: 0 | ep\_r: 77.3 | step: 117 | pose\_error: 0.0043 | orient\_error: 0.0051

Ep: 1319 | done | Collision: 0 | ep\_r: 79.7 | step: 117 | pose\_error: 0.0051 | orient\_error: 0.0157

Ep: 1320 | done | Collision: 0 | ep\_r: 178.2 | step: 221 | pose\_error: 0.0048 | orient\_error: 0.0203

Ep: 1321 | done | Collision: 0 | ep\_r: 77.8 | step: 115 | pose\_error: 0.0048 | orient\_error: 0.0112

Ep: 1322 | done | Collision: 0 | ep\_r: 77.4 | step: 118 | pose\_error: 0.0024 | orient\_error: 0.0171

Ep: 1323 | done | Collision: 0 | ep\_r: 79.4 | step: 119 | pose\_error: 0.0022 | orient\_error: 0.0194

Ep: 1324 | done | Collision: 0 | ep\_r: 78.4 | step: 116 | pose\_error: 0.0018 | orient\_error: 0.0124

Ep: 1325 | done | Collision: 0 | ep\_r: 78.9 | step: 118 | pose\_error: 0.0005 | orient\_error: 0.0130

Ep: 1326 | done | Collision: 0 | ep\_r: 78.6 | step: 115 | pose\_error: 0.0067 | orient\_error: 0.0176

Ep: 1327 | done | Collision: 0 | ep\_r: 106.1 | step: 138 | pose\_error: 0.0019 | orient\_error: 0.0073

Ep: 1328 | done | Collision: 0 | ep\_r: 78.3 | step: 118 | pose\_error: 0.0064 | orient\_error: 0.0162

Ep: 1329 | done | Collision: 0 | ep\_r: 78.3 | step: 117 | pose\_error: 0.0049 | orient\_error: 0.0125

Ep: 1330 | done | Collision: 0 | ep\_r: 78.0 | step: 114 | pose\_error: 0.0029 | orient\_error: 0.0141

Ep: 1331 | done | Collision: 0 | ep\_r: 78.9 | step: 118 | pose\_error: 0.0035 | orient\_error: 0.0088

Ep: 1332 | done | Collision: 0 | ep\_r: 78.4 | step: 117 | pose\_error: 0.0036 | orient\_error: 0.0099

Ep: 1333 | done | Collision: 0 | ep\_r: 87.0 | step: 135 | pose\_error: 0.0043 | orient\_error: 0.0162

Ep: 1334 | done | Collision: 0 | ep\_r: 78.4 | step: 116 | pose\_error: 0.0058 | orient\_error: 0.0097

Ep: 1335 | done | Collision: 0 | ep\_r: 79.7 | step: 118 | pose\_error: 0.0029 | orient\_error: 0.0181

Ep: 1336 | done | Collision: 0 | ep\_r: 76.7 | step: 117 | pose\_error: 0.0017 | orient\_error: 0.0122

Ep: 1337 | done | Collision: 0 | ep\_r: 88.6 | step: 139 | pose\_error: 0.0031 | orient\_error: 0.0176

Ep: 1338 | done | Collision: 0 | ep\_r: 120.1 | step: 146 | pose\_error: 0.0028 | orient\_error: 0.0113

Ep: 1339 | done | Collision: 0 | ep\_r: 79.3 | step: 117 | pose\_error: 0.0044 | orient\_error: 0.0133

Ep: 1340 | done | Collision: 0 | ep\_r: 79.9 | step: 115 | pose\_error: 0.0034 | orient\_error: 0.0111

Ep: 1341 | done | Collision: 0 | ep\_r: 77.5 | step: 116 | pose\_error: 0.0044 | orient\_error: 0.0113

Ep: 1342 | done | Collision: 0 | ep\_r: 77.8 | step: 119 | pose\_error: 0.0027 | orient\_error: 0.0076

Ep: 1343 | done | Collision: 0 | ep\_r: 76.5 | step: 114 | pose\_error: 0.0045 | orient\_error: 0.0075

Ep: 1344 | done | Collision: 0 | ep\_r: 78.6 | step: 117 | pose\_error: 0.0039 | orient\_error: 0.0078

Ep: 1345 | done | Collision: 0 | ep\_r: 75.1 | step: 118 | pose\_error: 0.0059 | orient\_error: 0.0069

Ep: 1346 | done | Collision: 0 | ep\_r: 78.0 | step: 117 | pose\_error: 0.0037 | orient\_error: 0.0077

Ep: 1347 | done | Collision: 0 | ep\_r: 76.3 | step: 115 | pose\_error: 0.0053 | orient\_error: 0.0074

Ep: 1348 | done | Collision: 0 | ep\_r: 79.1 | step: 119 | pose\_error: 0.0051 | orient\_error: 0.0099

Ep: 1349 | done | Collision: 0 | ep\_r: 78.8 | step: 118 | pose\_error: 0.0058 | orient\_error: 0.0099

Ep: 1350 | done | Collision: 0 | ep\_r: 78.1 | step: 117 | pose\_error: 0.0033 | orient\_error: 0.0116

Ep: 1351 | done | Collision: 0 | ep\_r: 84.8 | step: 122 | pose\_error: 0.0052 | orient\_error: 0.0141

Ep: 1352 | done | Collision: 0 | ep\_r: 80.8 | step: 120 | pose\_error: 0.0031 | orient\_error: 0.0168

Ep: 1353 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0084 | orient\_error: 0.0128

Ep: 1354 | done | Collision: 0 | ep\_r: 79.8 | step: 120 | pose\_error: 0.0064 | orient\_error: 0.0148

Ep: 1355 | done | Collision: 0 | ep\_r: 84.8 | step: 131 | pose\_error: 0.0051 | orient\_error: 0.0098

Ep: 1356 | done | Collision: 0 | ep\_r: 79.7 | step: 117 | pose\_error: 0.0053 | orient\_error: 0.0160

Ep: 1357 | done | Collision: 0 | ep\_r: 79.4 | step: 117 | pose\_error: 0.0048 | orient\_error: 0.0071

Ep: 1358 | done | Collision: 0 | ep\_r: 98.1 | step: 132 | pose\_error: 0.0044 | orient\_error: 0.0135

Ep: 1359 | done | Collision: 0 | ep\_r: 77.9 | step: 116 | pose\_error: 0.0045 | orient\_error: 0.0063

Ep: 1360 | done | Collision: 0 | ep\_r: 96.0 | step: 136 | pose\_error: 0.0053 | orient\_error: 0.0107

Ep: 1361 | done | Collision: 0 | ep\_r: 76.5 | step: 115 | pose\_error: 0.0044 | orient\_error: 0.0101

Ep: 1362 | done | Collision: 0 | ep\_r: 79.4 | step: 119 | pose\_error: 0.0038 | orient\_error: 0.0088

Ep: 1363 | done | Collision: 0 | ep\_r: 79.9 | step: 115 | pose\_error: 0.0029 | orient\_error: 0.0134

Ep: 1364 | done | Collision: 0 | ep\_r: 77.6 | step: 117 | pose\_error: 0.0050 | orient\_error: 0.0087

Ep: 1365 | done | Collision: 0 | ep\_r: 78.7 | step: 116 | pose\_error: 0.0030 | orient\_error: 0.0129

Ep: 1366 | done | Collision: 0 | ep\_r: 79.4 | step: 117 | pose\_error: 0.0030 | orient\_error: 0.0123

Ep: 1367 | done | Collision: 0 | ep\_r: 78.7 | step: 116 | pose\_error: 0.0023 | orient\_error: 0.0131

Ep: 1368 | done | Collision: 0 | ep\_r: 78.4 | step: 114 | pose\_error: 0.0031 | orient\_error: 0.0063

Ep: 1369 | done | Collision: 0 | ep\_r: 79.8 | step: 118 | pose\_error: 0.0027 | orient\_error: 0.0135

Ep: 1370 | done | Collision: 0 | ep\_r: 76.9 | step: 116 | pose\_error: 0.0047 | orient\_error: 0.0144

Ep: 1371 | done | Collision: 0 | ep\_r: 79.0 | step: 117 | pose\_error: 0.0028 | orient\_error: 0.0069

Ep: 1372 | done | Collision: 0 | ep\_r: 78.5 | step: 117 | pose\_error: 0.0022 | orient\_error: 0.0129

Ep: 1373 | done | Collision: 0 | ep\_r: 77.7 | step: 118 | pose\_error: 0.0026 | orient\_error: 0.0142

Ep: 1374 | done | Collision: 0 | ep\_r: 80.0 | step: 116 | pose\_error: 0.0021 | orient\_error: 0.0106

Ep: 1375 | done | Collision: 0 | ep\_r: 79.7 | step: 119 | pose\_error: 0.0011 | orient\_error: 0.0062

Ep: 1376 | done | Collision: 0 | ep\_r: 77.3 | step: 116 | pose\_error: 0.0018 | orient\_error: 0.0095

Ep: 1377 | done | Collision: 0 | ep\_r: 78.6 | step: 122 | pose\_error: 0.0031 | orient\_error: 0.0157

Ep: 1378 | done | Collision: 0 | ep\_r: 77.7 | step: 114 | pose\_error: 0.0032 | orient\_error: 0.0157

Ep: 1379 | done | Collision: 0 | ep\_r: 95.7 | step: 128 | pose\_error: 0.0022 | orient\_error: 0.0120

Ep: 1380 | done | Collision: 0 | ep\_r: 78.0 | step: 116 | pose\_error: 0.0029 | orient\_error: 0.0102

Ep: 1381 | done | Collision: 0 | ep\_r: 80.0 | step: 118 | pose\_error: 0.0030 | orient\_error: 0.0098

Ep: 1382 | done | Collision: 0 | ep\_r: 79.4 | step: 116 | pose\_error: 0.0028 | orient\_error: 0.0171

Ep: 1383 | done | Collision: 0 | ep\_r: 78.7 | step: 120 | pose\_error: 0.0056 | orient\_error: 0.0136

Ep: 1384 | done | Collision: 0 | ep\_r: 79.0 | step: 116 | pose\_error: 0.0042 | orient\_error: 0.0144

Ep: 1385 | done | Collision: 0 | ep\_r: 79.9 | step: 117 | pose\_error: 0.0073 | orient\_error: 0.0109

Ep: 1386 | done | Collision: 0 | ep\_r: 75.9 | step: 115 | pose\_error: 0.0030 | orient\_error: 0.0084

Ep: 1387 | done | Collision: 0 | ep\_r: 78.0 | step: 116 | pose\_error: 0.0047 | orient\_error: 0.0100

Ep: 1388 | done | Collision: 0 | ep\_r: 80.3 | step: 117 | pose\_error: 0.0042 | orient\_error: 0.0116

Ep: 1389 | done | Collision: 0 | ep\_r: 78.6 | step: 116 | pose\_error: 0.0035 | orient\_error: 0.0126

Ep: 1390 | done | Collision: 0 | ep\_r: 78.7 | step: 115 | pose\_error: 0.0047 | orient\_error: 0.0156

Ep: 1391 | done | Collision: 0 | ep\_r: 78.9 | step: 117 | pose\_error: 0.0019 | orient\_error: 0.0174

Ep: 1392 | done | Collision: 0 | ep\_r: 132.8 | step: 160 | pose\_error: 0.0046 | orient\_error: 0.0135

Ep: 1393 | done | Collision: 0 | ep\_r: 77.2 | step: 115 | pose\_error: 0.0022 | orient\_error: 0.0089

Ep: 1394 | done | Collision: 0 | ep\_r: 78.1 | step: 120 | pose\_error: 0.0072 | orient\_error: 0.0155

Ep: 1395 | done | Collision: 0 | ep\_r: 78.3 | step: 116 | pose\_error: 0.0038 | orient\_error: 0.0099

Ep: 1396 | done | Collision: 0 | ep\_r: 81.3 | step: 121 | pose\_error: 0.0030 | orient\_error: 0.0121

Ep: 1397 | done | Collision: 0 | ep\_r: 78.7 | step: 116 | pose\_error: 0.0045 | orient\_error: 0.0130

Ep: 1398 | done | Collision: 0 | ep\_r: 79.1 | step: 118 | pose\_error: 0.0022 | orient\_error: 0.0154

Ep: 1399 | done | Collision: 0 | ep\_r: 79.4 | step: 115 | pose\_error: 0.0018 | orient\_error: 0.0077

Ep: 1400 | done | Collision: 0 | ep\_r: 80.3 | step: 119 | pose\_error: 0.0039 | orient\_error: 0.0084

Ep: 1401 | done | Collision: 0 | ep\_r: 78.9 | step: 118 | pose\_error: 0.0052 | orient\_error: 0.0152

Ep: 1402 | done | Collision: 0 | ep\_r: 79.8 | step: 119 | pose\_error: 0.0024 | orient\_error: 0.0168

Ep: 1403 | done | Collision: 0 | ep\_r: 78.5 | step: 116 | pose\_error: 0.0056 | orient\_error: 0.0068

Ep: 1404 | done | Collision: 0 | ep\_r: 76.8 | step: 115 | pose\_error: 0.0036 | orient\_error: 0.0113

Ep: 1405 | done | Collision: 0 | ep\_r: 77.7 | step: 118 | pose\_error: 0.0029 | orient\_error: 0.0166

Ep: 1406 | done | Collision: 0 | ep\_r: 100.6 | step: 132 | pose\_error: 0.0061 | orient\_error: 0.0114

Ep: 1407 | done | Collision: 0 | ep\_r: 79.2 | step: 118 | pose\_error: 0.0042 | orient\_error: 0.0085

Ep: 1408 | done | Collision: 0 | ep\_r: 78.3 | step: 117 | pose\_error: 0.0045 | orient\_error: 0.0104

Ep: 1409 | done | Collision: 0 | ep\_r: 80.3 | step: 119 | pose\_error: 0.0057 | orient\_error: 0.0033

Ep: 1410 | done | Collision: 0 | ep\_r: 80.2 | step: 118 | pose\_error: 0.0062 | orient\_error: 0.0096

Ep: 1411 | done | Collision: 0 | ep\_r: 78.0 | step: 115 | pose\_error: 0.0037 | orient\_error: 0.0141

Ep: 1412 | done | Collision: 0 | ep\_r: 77.6 | step: 115 | pose\_error: 0.0019 | orient\_error: 0.0079

Ep: 1413 | done | Collision: 0 | ep\_r: 79.0 | step: 118 | pose\_error: 0.0040 | orient\_error: 0.0084

Ep: 1414 | done | Collision: 0 | ep\_r: 79.1 | step: 119 | pose\_error: 0.0028 | orient\_error: 0.0130

Ep: 1415 | done | Collision: 0 | ep\_r: 80.5 | step: 120 | pose\_error: 0.0045 | orient\_error: 0.0070

Ep: 1416 | done | Collision: 0 | ep\_r: 77.2 | step: 116 | pose\_error: 0.0019 | orient\_error: 0.0090

Ep: 1417 | done | Collision: 0 | ep\_r: 78.6 | step: 118 | pose\_error: 0.0014 | orient\_error: 0.0093

Ep: 1418 | done | Collision: 0 | ep\_r: 114.3 | step: 140 | pose\_error: 0.0025 | orient\_error: 0.0113

Ep: 1419 | done | Collision: 0 | ep\_r: 78.4 | step: 116 | pose\_error: 0.0019 | orient\_error: 0.0076

Ep: 1420 | done | Collision: 0 | ep\_r: 77.7 | step: 117 | pose\_error: 0.0033 | orient\_error: 0.0137

Ep: 1421 | done | Collision: 0 | ep\_r: 79.1 | step: 116 | pose\_error: 0.0041 | orient\_error: 0.0149

Ep: 1422 | done | Collision: 0 | ep\_r: 77.5 | step: 115 | pose\_error: 0.0055 | orient\_error: 0.0105

Ep: 1423 | done | Collision: 0 | ep\_r: 78.6 | step: 114 | pose\_error: 0.0053 | orient\_error: 0.0156

Ep: 1424 | done | Collision: 0 | ep\_r: 80.4 | step: 119 | pose\_error: 0.0049 | orient\_error: 0.0085

Ep: 1425 | done | Collision: 0 | ep\_r: 78.8 | step: 114 | pose\_error: 0.0015 | orient\_error: 0.0073

Ep: 1426 | done | Collision: 0 | ep\_r: 78.4 | step: 117 | pose\_error: 0.0028 | orient\_error: 0.0086

Ep: 1427 | done | Collision: 0 | ep\_r: 92.5 | step: 129 | pose\_error: 0.0047 | orient\_error: 0.0091

Ep: 1428 | done | Collision: 0 | ep\_r: 111.0 | step: 141 | pose\_error: 0.0029 | orient\_error: 0.0091

Ep: 1429 | done | Collision: 0 | ep\_r: 80.2 | step: 118 | pose\_error: 0.0046 | orient\_error: 0.0085

Ep: 1430 | done | Collision: 0 | ep\_r: 80.4 | step: 118 | pose\_error: 0.0039 | orient\_error: 0.0069

Ep: 1431 | done | Collision: 0 | ep\_r: 78.3 | step: 116 | pose\_error: 0.0024 | orient\_error: 0.0059

Ep: 1432 | done | Collision: 0 | ep\_r: 80.1 | step: 118 | pose\_error: 0.0033 | orient\_error: 0.0104

Ep: 1433 | done | Collision: 0 | ep\_r: 80.6 | step: 120 | pose\_error: 0.0041 | orient\_error: 0.0089

Ep: 1434 | done | Collision: 0 | ep\_r: 77.7 | step: 113 | pose\_error: 0.0016 | orient\_error: 0.0034

Ep: 1435 | done | Collision: 0 | ep\_r: 78.8 | step: 119 | pose\_error: 0.0041 | orient\_error: 0.0130

Ep: 1436 | done | Collision: 0 | ep\_r: 77.7 | step: 115 | pose\_error: 0.0030 | orient\_error: 0.0095

Ep: 1437 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0017 | orient\_error: 0.0131

Ep: 1438 | done | Collision: 0 | ep\_r: 93.0 | step: 129 | pose\_error: 0.0046 | orient\_error: 0.0138

Ep: 1439 | done | Collision: 0 | ep\_r: 78.1 | step: 116 | pose\_error: 0.0022 | orient\_error: 0.0055

Ep: 1440 | done | Collision: 0 | ep\_r: 78.5 | step: 120 | pose\_error: 0.0029 | orient\_error: 0.0151

Ep: 1441 | done | Collision: 0 | ep\_r: 79.0 | step: 116 | pose\_error: 0.0020 | orient\_error: 0.0132

Ep: 1442 | done | Collision: 0 | ep\_r: 78.4 | step: 118 | pose\_error: 0.0023 | orient\_error: 0.0138

Ep: 1443 | done | Collision: 0 | ep\_r: 76.6 | step: 113 | pose\_error: 0.0036 | orient\_error: 0.0137

Ep: 1444 | done | Collision: 0 | ep\_r: 78.6 | step: 119 | pose\_error: 0.0034 | orient\_error: 0.0158

Ep: 1445 | done | Collision: 0 | ep\_r: 78.9 | step: 117 | pose\_error: 0.0050 | orient\_error: 0.0034

Ep: 1446 | done | Collision: 0 | ep\_r: 79.4 | step: 116 | pose\_error: 0.0033 | orient\_error: 0.0095

Ep: 1447 | done | Collision: 0 | ep\_r: 78.5 | step: 116 | pose\_error: 0.0013 | orient\_error: 0.0187

Ep: 1448 | done | Collision: 0 | ep\_r: 79.0 | step: 119 | pose\_error: 0.0035 | orient\_error: 0.0100

Ep: 1449 | done | Collision: 0 | ep\_r: 77.2 | step: 117 | pose\_error: 0.0031 | orient\_error: 0.0123

Ep: 1450 | done | Collision: 0 | ep\_r: 77.6 | step: 114 | pose\_error: 0.0049 | orient\_error: 0.0061

Ep: 1451 | done | Collision: 0 | ep\_r: 79.4 | step: 123 | pose\_error: 0.0052 | orient\_error: 0.0095

Ep: 1452 | done | Collision: 0 | ep\_r: 77.0 | step: 117 | pose\_error: 0.0056 | orient\_error: 0.0038

Ep: 1453 | done | Collision: 0 | ep\_r: 77.5 | step: 116 | pose\_error: 0.0051 | orient\_error: 0.0093

Ep: 1454 | done | Collision: 0 | ep\_r: 79.6 | step: 117 | pose\_error: 0.0063 | orient\_error: 0.0131

Ep: 1455 | done | Collision: 0 | ep\_r: 77.6 | step: 116 | pose\_error: 0.0062 | orient\_error: 0.0109

Ep: 1456 | done | Collision: 0 | ep\_r: 78.0 | step: 113 | pose\_error: 0.0051 | orient\_error: 0.0034

Ep: 1457 | done | Collision: 0 | ep\_r: 79.1 | step: 113 | pose\_error: 0.0027 | orient\_error: 0.0125

Ep: 1458 | done | Collision: 0 | ep\_r: 79.5 | step: 115 | pose\_error: 0.0038 | orient\_error: 0.0087

Ep: 1459 | done | Collision: 0 | ep\_r: 78.2 | step: 117 | pose\_error: 0.0048 | orient\_error: 0.0158

Ep: 1460 | done | Collision: 0 | ep\_r: 76.7 | step: 115 | pose\_error: 0.0023 | orient\_error: 0.0125

Ep: 1461 | done | Collision: 0 | ep\_r: 76.7 | step: 116 | pose\_error: 0.0030 | orient\_error: 0.0057

Ep: 1462 | done | Collision: 0 | ep\_r: 79.7 | step: 117 | pose\_error: 0.0036 | orient\_error: 0.0050

Ep: 1463 | done | Collision: 0 | ep\_r: 77.6 | step: 115 | pose\_error: 0.0034 | orient\_error: 0.0102

Ep: 1464 | done | Collision: 0 | ep\_r: 79.0 | step: 117 | pose\_error: 0.0041 | orient\_error: 0.0163

Ep: 1465 | done | Collision: 0 | ep\_r: 77.5 | step: 118 | pose\_error: 0.0053 | orient\_error: 0.0106

Ep: 1466 | done | Collision: 0 | ep\_r: 79.4 | step: 118 | pose\_error: 0.0052 | orient\_error: 0.0109

Ep: 1467 | done | Collision: 0 | ep\_r: 76.8 | step: 116 | pose\_error: 0.0087 | orient\_error: 0.0080

Ep: 1468 | done | Collision: 0 | ep\_r: 76.8 | step: 116 | pose\_error: 0.0052 | orient\_error: 0.0124

Ep: 1469 | done | Collision: 0 | ep\_r: 77.1 | step: 119 | pose\_error: 0.0029 | orient\_error: 0.0071

Ep: 1470 | done | Collision: 0 | ep\_r: 77.1 | step: 118 | pose\_error: 0.0068 | orient\_error: 0.0170

Ep: 1471 | done | Collision: 0 | ep\_r: 77.8 | step: 117 | pose\_error: 0.0061 | orient\_error: 0.0095

Ep: 1472 | done | Collision: 0 | ep\_r: 108.4 | step: 139 | pose\_error: 0.0047 | orient\_error: 0.0095

Ep: 1473 | done | Collision: 0 | ep\_r: 80.1 | step: 118 | pose\_error: 0.0050 | orient\_error: 0.0085

Ep: 1474 | done | Collision: 0 | ep\_r: 78.6 | step: 117 | pose\_error: 0.0019 | orient\_error: 0.0149

Ep: 1475 | done | Collision: 0 | ep\_r: 77.8 | step: 117 | pose\_error: 0.0049 | orient\_error: 0.0088

Ep: 1476 | done | Collision: 0 | ep\_r: 83.3 | step: 129 | pose\_error: 0.0057 | orient\_error: 0.0157

Ep: 1477 | done | Collision: 0 | ep\_r: 78.2 | step: 116 | pose\_error: 0.0039 | orient\_error: 0.0093

Ep: 1478 | done | Collision: 0 | ep\_r: 115.7 | step: 146 | pose\_error: 0.0051 | orient\_error: 0.0111

Ep: 1479 | done | Collision: 0 | ep\_r: 77.5 | step: 115 | pose\_error: 0.0027 | orient\_error: 0.0158

Ep: 1480 | done | Collision: 0 | ep\_r: 81.1 | step: 118 | pose\_error: 0.0049 | orient\_error: 0.0105

Ep: 1481 | done | Collision: 0 | ep\_r: 83.1 | step: 122 | pose\_error: 0.0045 | orient\_error: 0.0028

Ep: 1482 | done | Collision: 0 | ep\_r: 80.1 | step: 117 | pose\_error: 0.0037 | orient\_error: 0.0134

Ep: 1483 | done | Collision: 0 | ep\_r: 77.9 | step: 117 | pose\_error: 0.0063 | orient\_error: 0.0073

Ep: 1484 | --- | Collision: 0 | ep\_r: 236.0 | step: 300 | pose\_error: 0.0123 | orient\_error: 0.0154

Ep: 1485 | done | Collision: 0 | ep\_r: 78.4 | step: 115 | pose\_error: 0.0042 | orient\_error: 0.0152

Ep: 1486 | done | Collision: 0 | ep\_r: 76.0 | step: 114 | pose\_error: 0.0070 | orient\_error: 0.0090

Ep: 1487 | done | Collision: 0 | ep\_r: 77.9 | step: 116 | pose\_error: 0.0072 | orient\_error: 0.0173

Ep: 1488 | done | Collision: 0 | ep\_r: 139.2 | step: 192 | pose\_error: 0.0059 | orient\_error: 0.0179

Ep: 1489 | --- | Collision: 0 | ep\_r: 147.9 | step: 300 | pose\_error: 0.0172 | orient\_error: 0.0222

Ep: 1490 | done | Collision: 0 | ep\_r: 78.5 | step: 119 | pose\_error: 0.0042 | orient\_error: 0.0141

Ep: 1491 | done | Collision: 0 | ep\_r: 78.7 | step: 119 | pose\_error: 0.0042 | orient\_error: 0.0054

Ep: 1492 | done | Collision: 0 | ep\_r: 80.4 | step: 116 | pose\_error: 0.0028 | orient\_error: 0.0145

Ep: 1493 | done | Collision: 0 | ep\_r: 80.0 | step: 119 | pose\_error: 0.0026 | orient\_error: 0.0148

Ep: 1494 | done | Collision: 0 | ep\_r: 77.1 | step: 116 | pose\_error: 0.0043 | orient\_error: 0.0177

Ep: 1495 | done | Collision: 0 | ep\_r: 77.9 | step: 117 | pose\_error: 0.0027 | orient\_error: 0.0083

Ep: 1496 | done | Collision: 0 | ep\_r: 84.7 | step: 129 | pose\_error: 0.0043 | orient\_error: 0.0065

Ep: 1497 | done | Collision: 0 | ep\_r: 77.3 | step: 116 | pose\_error: 0.0065 | orient\_error: 0.0157

Ep: 1498 | done | Collision: 0 | ep\_r: 77.8 | step: 118 | pose\_error: 0.0061 | orient\_error: 0.0152

Ep: 1499 | done | Collision: 0 | ep\_r: 80.2 | step: 116 | pose\_error: 0.0011 | orient\_error: 0.0114

Ep: 1500 | done | Collision: 0 | ep\_r: 80.3 | step: 117 | pose\_error: 0.0017 | orient\_error: 0.0042