Ep: 1 | --- | Collision: 0 | ep\_r: -53.4 | step: 300 | pose\_error: 0.2376 | orient\_error: 0.1686

Ep: 2 | --- | Collision: 1 | ep\_r: -24.5 | step: 300 | pose\_error: 0.2432 | orient\_error: 0.2059

Ep: 3 | --- | Collision: 1 | ep\_r: -80.4 | step: 300 | pose\_error: 0.1895 | orient\_error: 0.3564

Ep: 4 | --- | Collision: 0 | ep\_r: -30.7 | step: 300 | pose\_error: 0.2224 | orient\_error: 0.3314

Ep: 5 | --- | Collision: 0 | ep\_r: -23.8 | step: 300 | pose\_error: 0.2355 | orient\_error: 0.3343

Ep: 6 | --- | Collision: 0 | ep\_r: -37.4 | step: 300 | pose\_error: 0.2320 | orient\_error: 0.3490

Ep: 7 | --- | Collision: 0 | ep\_r: -9.0 | step: 300 | pose\_error: 0.2330 | orient\_error: 0.3847

Ep: 8 | --- | Collision: 0 | ep\_r: -11.7 | step: 300 | pose\_error: 0.2020 | orient\_error: 0.4509

Ep: 9 | --- | Collision: 0 | ep\_r: -18.5 | step: 300 | pose\_error: 0.1648 | orient\_error: 0.5105

Ep: 10 | --- | Collision: 0 | ep\_r: -10.7 | step: 300 | pose\_error: 0.1486 | orient\_error: 0.4960

Ep: 11 | --- | Collision: 0 | ep\_r: 0.0 | step: 300 | pose\_error: 0.0834 | orient\_error: 0.4437

Ep: 12 | --- | Collision: 1 | ep\_r: -4.9 | step: 300 | pose\_error: 0.0682 | orient\_error: 0.3733

Ep: 13 | --- | Collision: 0 | ep\_r: 21.5 | step: 300 | pose\_error: 0.0474 | orient\_error: 0.3601

Ep: 14 | --- | Collision: 1 | ep\_r: -48.2 | step: 300 | pose\_error: 0.0871 | orient\_error: 0.1848

Ep: 15 | --- | Collision: 1 | ep\_r: -49.4 | step: 300 | pose\_error: 0.0930 | orient\_error: 0.1335

Ep: 16 | --- | Collision: 1 | ep\_r: 0.2 | step: 300 | pose\_error: 0.0566 | orient\_error: 0.2351

Ep: 17 | --- | Collision: 1 | ep\_r: -36.6 | step: 300 | pose\_error: 0.0545 | orient\_error: 0.1501

Ep: 18 | --- | Collision: 1 | ep\_r: -12.8 | step: 300 | pose\_error: 0.0525 | orient\_error: 0.2217

Ep: 19 | --- | Collision: 1 | ep\_r: -34.5 | step: 300 | pose\_error: 0.0657 | orient\_error: 0.1932

Ep: 20 | --- | Collision: 0 | ep\_r: 16.4 | step: 300 | pose\_error: 0.0720 | orient\_error: 0.1887

Ep: 21 | --- | Collision: 0 | ep\_r: 19.9 | step: 300 | pose\_error: 0.0878 | orient\_error: 0.1861

Ep: 22 | --- | Collision: 0 | ep\_r: 1.7 | step: 300 | pose\_error: 0.0773 | orient\_error: 0.2311

Ep: 23 | --- | Collision: 0 | ep\_r: 31.1 | step: 300 | pose\_error: 0.0662 | orient\_error: 0.1726

Ep: 24 | --- | Collision: 0 | ep\_r: 6.8 | step: 300 | pose\_error: 0.0846 | orient\_error: 0.1501

Ep: 25 | --- | Collision: 0 | ep\_r: 28.8 | step: 300 | pose\_error: 0.0706 | orient\_error: 0.2192

Ep: 26 | --- | Collision: 0 | ep\_r: -60.0 | step: 300 | pose\_error: 0.2258 | orient\_error: 0.5484

Ep: 27 | --- | Collision: 0 | ep\_r: -32.8 | step: 300 | pose\_error: 0.2983 | orient\_error: 0.1759

Ep: 28 | --- | Collision: 0 | ep\_r: -82.9 | step: 300 | pose\_error: 0.3014 | orient\_error: 0.3355

Ep: 29 | --- | Collision: 0 | ep\_r: -40.3 | step: 300 | pose\_error: 0.2595 | orient\_error: 0.1935

Ep: 30 | --- | Collision: 0 | ep\_r: -28.8 | step: 300 | pose\_error: 0.2591 | orient\_error: 0.1385

Ep: 31 | --- | Collision: 0 | ep\_r: -34.2 | step: 300 | pose\_error: 0.3447 | orient\_error: 0.0949

Ep: 32 | --- | Collision: 1 | ep\_r: -7.3 | step: 300 | pose\_error: 0.2195 | orient\_error: 0.2382

Ep: 33 | --- | Collision: 0 | ep\_r: -15.9 | step: 300 | pose\_error: 0.1794 | orient\_error: 0.1954

Ep: 34 | --- | Collision: 0 | ep\_r: -55.9 | step: 300 | pose\_error: 0.3028 | orient\_error: 0.5796

Ep: 35 | --- | Collision: 0 | ep\_r: 20.3 | step: 300 | pose\_error: 0.0604 | orient\_error: 0.2754

Ep: 36 | --- | Collision: 0 | ep\_r: 32.6 | step: 300 | pose\_error: 0.0565 | orient\_error: 0.2833

Ep: 37 | --- | Collision: 0 | ep\_r: 24.2 | step: 300 | pose\_error: 0.0733 | orient\_error: 0.2666

Ep: 38 | --- | Collision: 0 | ep\_r: 28.8 | step: 300 | pose\_error: 0.0647 | orient\_error: 0.2508

Ep: 39 | --- | Collision: 0 | ep\_r: 26.1 | step: 300 | pose\_error: 0.0797 | orient\_error: 0.2294

Ep: 40 | --- | Collision: 0 | ep\_r: 30.8 | step: 300 | pose\_error: 0.0750 | orient\_error: 0.2227

Ep: 41 | --- | Collision: 0 | ep\_r: 31.0 | step: 300 | pose\_error: 0.0655 | orient\_error: 0.2314

Ep: 42 | --- | Collision: 0 | ep\_r: 32.9 | step: 300 | pose\_error: 0.0640 | orient\_error: 0.2896

Ep: 43 | --- | Collision: 0 | ep\_r: 33.2 | step: 300 | pose\_error: 0.0647 | orient\_error: 0.2629

Ep: 44 | --- | Collision: 0 | ep\_r: 25.5 | step: 300 | pose\_error: 0.0615 | orient\_error: 0.2803

Ep: 45 | --- | Collision: 0 | ep\_r: 33.7 | step: 300 | pose\_error: 0.0576 | orient\_error: 0.2942

Ep: 46 | --- | Collision: 0 | ep\_r: 30.0 | step: 300 | pose\_error: 0.0648 | orient\_error: 0.2776

Ep: 47 | --- | Collision: 0 | ep\_r: 33.8 | step: 300 | pose\_error: 0.0534 | orient\_error: 0.2891

Ep: 48 | --- | Collision: 0 | ep\_r: 25.7 | step: 300 | pose\_error: 0.0608 | orient\_error: 0.2952

Ep: 49 | --- | Collision: 0 | ep\_r: 23.4 | step: 300 | pose\_error: 0.0720 | orient\_error: 0.2288

Ep: 50 | --- | Collision: 0 | ep\_r: 37.1 | step: 300 | pose\_error: 0.0597 | orient\_error: 0.2952

Ep: 51 | --- | Collision: 0 | ep\_r: 33.2 | step: 300 | pose\_error: 0.0674 | orient\_error: 0.2635

Ep: 52 | --- | Collision: 0 | ep\_r: 36.8 | step: 300 | pose\_error: 0.0558 | orient\_error: 0.2680

Ep: 53 | --- | Collision: 0 | ep\_r: 36.5 | step: 300 | pose\_error: 0.0613 | orient\_error: 0.2769

Ep: 54 | --- | Collision: 0 | ep\_r: 33.8 | step: 300 | pose\_error: 0.0639 | orient\_error: 0.2873

Ep: 55 | --- | Collision: 0 | ep\_r: 31.8 | step: 300 | pose\_error: 0.0671 | orient\_error: 0.2977

Ep: 56 | --- | Collision: 0 | ep\_r: 39.0 | step: 300 | pose\_error: 0.0604 | orient\_error: 0.3001

Ep: 57 | --- | Collision: 0 | ep\_r: 36.2 | step: 300 | pose\_error: 0.0628 | orient\_error: 0.3197

Ep: 58 | --- | Collision: 0 | ep\_r: 42.3 | step: 300 | pose\_error: 0.0598 | orient\_error: 0.3041

Ep: 59 | --- | Collision: 0 | ep\_r: 36.0 | step: 300 | pose\_error: 0.0689 | orient\_error: 0.3125

Ep: 60 | --- | Collision: 0 | ep\_r: 35.1 | step: 300 | pose\_error: 0.0622 | orient\_error: 0.3061

Ep: 61 | --- | Collision: 0 | ep\_r: 36.8 | step: 300 | pose\_error: 0.0607 | orient\_error: 0.2979

Ep: 62 | --- | Collision: 0 | ep\_r: 37.2 | step: 300 | pose\_error: 0.0627 | orient\_error: 0.3002

Ep: 63 | --- | Collision: 0 | ep\_r: 36.4 | step: 300 | pose\_error: 0.0677 | orient\_error: 0.3152

Ep: 64 | --- | Collision: 0 | ep\_r: 46.1 | step: 300 | pose\_error: 0.0606 | orient\_error: 0.3245

Ep: 65 | --- | Collision: 0 | ep\_r: 37.3 | step: 300 | pose\_error: 0.0622 | orient\_error: 0.3135

Ep: 66 | --- | Collision: 0 | ep\_r: 41.2 | step: 300 | pose\_error: 0.0661 | orient\_error: 0.2922

Ep: 67 | --- | Collision: 0 | ep\_r: 40.8 | step: 300 | pose\_error: 0.0681 | orient\_error: 0.2916

Ep: 68 | --- | Collision: 0 | ep\_r: 38.4 | step: 300 | pose\_error: 0.0689 | orient\_error: 0.2977

Ep: 69 | --- | Collision: 0 | ep\_r: 43.7 | step: 300 | pose\_error: 0.0658 | orient\_error: 0.2865

Ep: 70 | --- | Collision: 0 | ep\_r: 37.1 | step: 300 | pose\_error: 0.0656 | orient\_error: 0.3020

Ep: 71 | --- | Collision: 0 | ep\_r: 45.0 | step: 300 | pose\_error: 0.0675 | orient\_error: 0.2731

Ep: 72 | --- | Collision: 0 | ep\_r: 51.1 | step: 300 | pose\_error: 0.0488 | orient\_error: 0.2768

Ep: 73 | --- | Collision: 0 | ep\_r: 47.8 | step: 300 | pose\_error: 0.0334 | orient\_error: 0.2992

Ep: 74 | --- | Collision: 0 | ep\_r: 37.7 | step: 300 | pose\_error: 0.0734 | orient\_error: 0.2116

Ep: 75 | --- | Collision: 1 | ep\_r: -30.6 | step: 300 | pose\_error: 0.1360 | orient\_error: 0.2954

Ep: 76 | --- | Collision: 0 | ep\_r: 51.5 | step: 300 | pose\_error: 0.0389 | orient\_error: 0.2032

Ep: 77 | --- | Collision: 0 | ep\_r: 51.3 | step: 300 | pose\_error: 0.0186 | orient\_error: 0.1992

Ep: 78 | --- | Collision: 0 | ep\_r: 44.1 | step: 300 | pose\_error: 0.0581 | orient\_error: 0.1553

Ep: 79 | --- | Collision: 0 | ep\_r: 48.4 | step: 300 | pose\_error: 0.0351 | orient\_error: 0.2092

Ep: 80 | --- | Collision: 0 | ep\_r: 58.3 | step: 300 | pose\_error: 0.0294 | orient\_error: 0.2168

Ep: 81 | --- | Collision: 0 | ep\_r: 62.5 | step: 300 | pose\_error: 0.0221 | orient\_error: 0.2119

Ep: 82 | --- | Collision: 0 | ep\_r: 54.0 | step: 300 | pose\_error: 0.0259 | orient\_error: 0.1912

Ep: 83 | --- | Collision: 0 | ep\_r: 67.8 | step: 300 | pose\_error: 0.0178 | orient\_error: 0.1954

Ep: 84 | --- | Collision: 0 | ep\_r: 61.4 | step: 300 | pose\_error: 0.0362 | orient\_error: 0.1648

Ep: 85 | --- | Collision: 0 | ep\_r: 62.4 | step: 300 | pose\_error: 0.0275 | orient\_error: 0.1891

Ep: 86 | --- | Collision: 0 | ep\_r: 63.1 | step: 300 | pose\_error: 0.0251 | orient\_error: 0.1592

Ep: 87 | --- | Collision: 0 | ep\_r: 60.8 | step: 300 | pose\_error: 0.0278 | orient\_error: 0.1709

Ep: 88 | --- | Collision: 0 | ep\_r: 68.1 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.1831

Ep: 89 | --- | Collision: 0 | ep\_r: 62.7 | step: 300 | pose\_error: 0.0268 | orient\_error: 0.1805

Ep: 90 | --- | Collision: 0 | ep\_r: 71.2 | step: 300 | pose\_error: 0.0126 | orient\_error: 0.1854

Ep: 91 | --- | Collision: 0 | ep\_r: 70.3 | step: 300 | pose\_error: 0.0175 | orient\_error: 0.1684

Ep: 92 | --- | Collision: 0 | ep\_r: 66.7 | step: 300 | pose\_error: 0.0176 | orient\_error: 0.1630

Ep: 93 | --- | Collision: 0 | ep\_r: 65.0 | step: 300 | pose\_error: 0.0261 | orient\_error: 0.1530

Ep: 94 | --- | Collision: 0 | ep\_r: 70.8 | step: 300 | pose\_error: 0.0152 | orient\_error: 0.1811

Ep: 95 | --- | Collision: 0 | ep\_r: 72.0 | step: 300 | pose\_error: 0.0192 | orient\_error: 0.1711

Ep: 96 | --- | Collision: 0 | ep\_r: 76.2 | step: 300 | pose\_error: 0.0089 | orient\_error: 0.1706

Ep: 97 | --- | Collision: 0 | ep\_r: 78.7 | step: 300 | pose\_error: 0.0157 | orient\_error: 0.1673

Ep: 98 | --- | Collision: 0 | ep\_r: 71.5 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.1736

Ep: 99 | --- | Collision: 0 | ep\_r: 71.6 | step: 300 | pose\_error: 0.0145 | orient\_error: 0.1616

Ep: 100 | --- | Collision: 0 | ep\_r: 75.8 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.1652

Ep: 101 | --- | Collision: 0 | ep\_r: 74.5 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.1755

Ep: 102 | --- | Collision: 0 | ep\_r: 75.4 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.1618

Ep: 103 | --- | Collision: 0 | ep\_r: 72.1 | step: 300 | pose\_error: 0.0232 | orient\_error: 0.1513

Ep: 104 | --- | Collision: 0 | ep\_r: 75.8 | step: 300 | pose\_error: 0.0161 | orient\_error: 0.1634

Ep: 105 | --- | Collision: 0 | ep\_r: 75.5 | step: 300 | pose\_error: 0.0151 | orient\_error: 0.1777

Ep: 106 | --- | Collision: 0 | ep\_r: 80.2 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.1664

Ep: 107 | --- | Collision: 0 | ep\_r: 73.5 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.1660

Ep: 108 | --- | Collision: 0 | ep\_r: 61.0 | step: 300 | pose\_error: 0.0137 | orient\_error: 0.1685

Ep: 109 | --- | Collision: 1 | ep\_r: 24.7 | step: 300 | pose\_error: 0.0139 | orient\_error: 0.1779

Ep: 110 | --- | Collision: 0 | ep\_r: 76.1 | step: 300 | pose\_error: 0.0145 | orient\_error: 0.1671

Ep: 111 | --- | Collision: 0 | ep\_r: 76.0 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.1702

Ep: 112 | --- | Collision: 0 | ep\_r: 81.7 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.1705

Ep: 113 | --- | Collision: 0 | ep\_r: 75.9 | step: 300 | pose\_error: 0.0102 | orient\_error: 0.1769

Ep: 114 | --- | Collision: 0 | ep\_r: 82.5 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.1750

Ep: 115 | --- | Collision: 0 | ep\_r: 73.3 | step: 300 | pose\_error: 0.0175 | orient\_error: 0.1585

Ep: 116 | --- | Collision: 0 | ep\_r: 83.7 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.1641

Ep: 117 | --- | Collision: 0 | ep\_r: 72.9 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.1876

Ep: 118 | --- | Collision: 0 | ep\_r: 81.1 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.1843

Ep: 119 | --- | Collision: 0 | ep\_r: 77.2 | step: 300 | pose\_error: 0.0134 | orient\_error: 0.1570

Ep: 120 | --- | Collision: 0 | ep\_r: 81.5 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.1718

Ep: 121 | --- | Collision: 0 | ep\_r: 84.3 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.1926

Ep: 122 | --- | Collision: 0 | ep\_r: 74.4 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.1626

Ep: 123 | --- | Collision: 0 | ep\_r: 75.0 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.1946

Ep: 124 | --- | Collision: 0 | ep\_r: 72.9 | step: 300 | pose\_error: 0.0127 | orient\_error: 0.1582

Ep: 125 | --- | Collision: 0 | ep\_r: 80.7 | step: 300 | pose\_error: 0.0033 | orient\_error: 0.1735

Ep: 126 | --- | Collision: 0 | ep\_r: 77.2 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.1603

Ep: 127 | --- | Collision: 0 | ep\_r: 75.2 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.1512

Ep: 128 | --- | Collision: 0 | ep\_r: 84.7 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.1804

Ep: 129 | --- | Collision: 0 | ep\_r: 79.9 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.1711

Ep: 130 | --- | Collision: 0 | ep\_r: 77.6 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.1587

Ep: 131 | --- | Collision: 0 | ep\_r: 82.1 | step: 300 | pose\_error: 0.0066 | orient\_error: 0.1510

Ep: 132 | --- | Collision: 0 | ep\_r: 85.4 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.1489

Ep: 133 | --- | Collision: 0 | ep\_r: 82.3 | step: 300 | pose\_error: 0.0083 | orient\_error: 0.1636

Ep: 134 | --- | Collision: 0 | ep\_r: 80.2 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.1717

Ep: 135 | --- | Collision: 0 | ep\_r: 81.4 | step: 300 | pose\_error: 0.0179 | orient\_error: 0.1839

Ep: 136 | --- | Collision: 0 | ep\_r: 86.9 | step: 300 | pose\_error: 0.0119 | orient\_error: 0.1718

Ep: 137 | --- | Collision: 0 | ep\_r: 84.2 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.1618

Ep: 138 | --- | Collision: 0 | ep\_r: 63.8 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.1965

Ep: 139 | --- | Collision: 0 | ep\_r: 74.5 | step: 300 | pose\_error: 0.0103 | orient\_error: 0.1607

Ep: 140 | --- | Collision: 0 | ep\_r: 74.6 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.1649

Ep: 141 | --- | Collision: 0 | ep\_r: 76.5 | step: 300 | pose\_error: 0.0054 | orient\_error: 0.1714

Ep: 142 | --- | Collision: 0 | ep\_r: 86.2 | step: 300 | pose\_error: 0.0062 | orient\_error: 0.1838

Ep: 143 | --- | Collision: 0 | ep\_r: 88.5 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.1954

Ep: 144 | --- | Collision: 0 | ep\_r: 83.2 | step: 300 | pose\_error: 0.0038 | orient\_error: 0.1510

Ep: 145 | --- | Collision: 0 | ep\_r: 86.9 | step: 300 | pose\_error: 0.0051 | orient\_error: 0.1725

Ep: 146 | --- | Collision: 0 | ep\_r: 81.1 | step: 300 | pose\_error: 0.0126 | orient\_error: 0.1884

Ep: 147 | --- | Collision: 0 | ep\_r: 88.1 | step: 300 | pose\_error: 0.0066 | orient\_error: 0.2052

Ep: 148 | --- | Collision: 0 | ep\_r: 86.2 | step: 300 | pose\_error: 0.0117 | orient\_error: 0.1805

Ep: 149 | --- | Collision: 0 | ep\_r: 81.9 | step: 300 | pose\_error: 0.0172 | orient\_error: 0.1806

Ep: 150 | --- | Collision: 0 | ep\_r: 85.1 | step: 300 | pose\_error: 0.0114 | orient\_error: 0.1564

Ep: 151 | --- | Collision: 0 | ep\_r: 84.3 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.1498

Ep: 152 | --- | Collision: 0 | ep\_r: 86.0 | step: 300 | pose\_error: 0.0086 | orient\_error: 0.1905

Ep: 153 | --- | Collision: 0 | ep\_r: 86.7 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.1890

Ep: 154 | --- | Collision: 0 | ep\_r: 87.1 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.2083

Ep: 155 | --- | Collision: 0 | ep\_r: 81.6 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.1890

Ep: 156 | --- | Collision: 0 | ep\_r: 85.3 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.2079

Ep: 157 | --- | Collision: 0 | ep\_r: 82.7 | step: 300 | pose\_error: 0.0089 | orient\_error: 0.2143

Ep: 158 | --- | Collision: 0 | ep\_r: 64.1 | step: 300 | pose\_error: 0.0078 | orient\_error: 0.2115

Ep: 159 | --- | Collision: 0 | ep\_r: 82.9 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.2347

Ep: 160 | --- | Collision: 0 | ep\_r: 85.3 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.2028

Ep: 161 | --- | Collision: 0 | ep\_r: 82.2 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.1962

Ep: 162 | --- | Collision: 0 | ep\_r: 87.4 | step: 300 | pose\_error: 0.0052 | orient\_error: 0.1880

Ep: 163 | --- | Collision: 0 | ep\_r: 84.6 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.1820

Ep: 164 | --- | Collision: 0 | ep\_r: 84.3 | step: 300 | pose\_error: 0.0082 | orient\_error: 0.1892

Ep: 165 | --- | Collision: 0 | ep\_r: 88.5 | step: 300 | pose\_error: 0.0173 | orient\_error: 0.2007

Ep: 166 | --- | Collision: 0 | ep\_r: 77.1 | step: 300 | pose\_error: 0.0438 | orient\_error: 0.2050

Ep: 167 | --- | Collision: 0 | ep\_r: 83.9 | step: 300 | pose\_error: 0.0126 | orient\_error: 0.1726

Ep: 168 | --- | Collision: 0 | ep\_r: 89.7 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.1854

Ep: 169 | --- | Collision: 0 | ep\_r: 89.2 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.1878

Ep: 170 | --- | Collision: 0 | ep\_r: 84.4 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.1910

Ep: 171 | --- | Collision: 0 | ep\_r: 80.5 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.1897

Ep: 172 | --- | Collision: 0 | ep\_r: 86.9 | step: 300 | pose\_error: 0.0099 | orient\_error: 0.1764

Ep: 173 | --- | Collision: 0 | ep\_r: 82.0 | step: 300 | pose\_error: 0.0190 | orient\_error: 0.2003

Ep: 174 | --- | Collision: 0 | ep\_r: 90.6 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.2057

Ep: 175 | --- | Collision: 0 | ep\_r: 81.4 | step: 300 | pose\_error: 0.0165 | orient\_error: 0.1631

Ep: 176 | --- | Collision: 0 | ep\_r: 76.2 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.1619

Ep: 177 | --- | Collision: 1 | ep\_r: 41.5 | step: 300 | pose\_error: 0.0081 | orient\_error: 0.1558

Ep: 178 | --- | Collision: 0 | ep\_r: 61.1 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.2125

Ep: 179 | --- | Collision: 1 | ep\_r: 66.8 | step: 300 | pose\_error: 0.0102 | orient\_error: 0.2201

Ep: 180 | --- | Collision: 0 | ep\_r: 82.9 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.1544

Ep: 181 | --- | Collision: 0 | ep\_r: 77.0 | step: 300 | pose\_error: 0.0124 | orient\_error: 0.1181

Ep: 182 | --- | Collision: 0 | ep\_r: 85.2 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.1828

Ep: 183 | --- | Collision: 0 | ep\_r: 88.4 | step: 300 | pose\_error: 0.0019 | orient\_error: 0.1280

Ep: 184 | --- | Collision: 0 | ep\_r: 79.6 | step: 300 | pose\_error: 0.0083 | orient\_error: 0.1239

Ep: 185 | --- | Collision: 0 | ep\_r: 88.1 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.1167

Ep: 186 | --- | Collision: 0 | ep\_r: 82.9 | step: 300 | pose\_error: 0.0113 | orient\_error: 0.1582

Ep: 187 | --- | Collision: 0 | ep\_r: 72.2 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.1342

Ep: 188 | --- | Collision: 0 | ep\_r: 79.8 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.2062

Ep: 189 | --- | Collision: 0 | ep\_r: 87.6 | step: 300 | pose\_error: 0.0016 | orient\_error: 0.1629

Ep: 190 | --- | Collision: 0 | ep\_r: 86.1 | step: 300 | pose\_error: 0.0056 | orient\_error: 0.1664

Ep: 191 | --- | Collision: 0 | ep\_r: 90.1 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.1592

Ep: 192 | --- | Collision: 0 | ep\_r: 85.9 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.1718

Ep: 193 | --- | Collision: 0 | ep\_r: 79.9 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.1300

Ep: 194 | --- | Collision: 0 | ep\_r: 85.7 | step: 300 | pose\_error: 0.0109 | orient\_error: 0.1975

Ep: 195 | --- | Collision: 0 | ep\_r: 84.8 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.1801

Ep: 196 | --- | Collision: 0 | ep\_r: 87.5 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.1372

Ep: 197 | --- | Collision: 0 | ep\_r: 84.9 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.1726

Ep: 198 | --- | Collision: 0 | ep\_r: 89.3 | step: 300 | pose\_error: 0.0050 | orient\_error: 0.1720

Ep: 199 | --- | Collision: 0 | ep\_r: 88.0 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.1884

Ep: 200 | --- | Collision: 0 | ep\_r: 81.6 | step: 300 | pose\_error: 0.0103 | orient\_error: 0.1951

Ep: 201 | --- | Collision: 0 | ep\_r: 84.2 | step: 300 | pose\_error: 0.0151 | orient\_error: 0.1960

Ep: 202 | --- | Collision: 0 | ep\_r: 88.7 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.1973

Ep: 203 | --- | Collision: 1 | ep\_r: 82.7 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.2181

Ep: 204 | --- | Collision: 0 | ep\_r: 84.5 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.1880

Ep: 205 | --- | Collision: 0 | ep\_r: 88.2 | step: 300 | pose\_error: 0.0044 | orient\_error: 0.1587

Ep: 206 | --- | Collision: 0 | ep\_r: 84.5 | step: 300 | pose\_error: 0.0045 | orient\_error: 0.1908

Ep: 207 | --- | Collision: 0 | ep\_r: 92.7 | step: 300 | pose\_error: 0.0046 | orient\_error: 0.1559

Ep: 208 | --- | Collision: 0 | ep\_r: 86.3 | step: 300 | pose\_error: 0.0111 | orient\_error: 0.1305

Ep: 209 | --- | Collision: 0 | ep\_r: 87.9 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.1601

Ep: 210 | --- | Collision: 0 | ep\_r: 82.4 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.1581

Ep: 211 | --- | Collision: 0 | ep\_r: 83.9 | step: 300 | pose\_error: 0.0036 | orient\_error: 0.1447

Ep: 212 | --- | Collision: 0 | ep\_r: 84.7 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.1547

Ep: 213 | --- | Collision: 0 | ep\_r: 85.1 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.1415

Ep: 214 | --- | Collision: 0 | ep\_r: 86.5 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.1363

Ep: 215 | --- | Collision: 0 | ep\_r: 90.4 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.1530

Ep: 216 | --- | Collision: 0 | ep\_r: 88.2 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.1436

Ep: 217 | --- | Collision: 0 | ep\_r: 88.4 | step: 300 | pose\_error: 0.0061 | orient\_error: 0.1512

Ep: 218 | --- | Collision: 0 | ep\_r: 85.1 | step: 300 | pose\_error: 0.0201 | orient\_error: 0.1670

Ep: 219 | --- | Collision: 0 | ep\_r: 88.6 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.1430

Ep: 220 | --- | Collision: 0 | ep\_r: 90.1 | step: 300 | pose\_error: 0.0078 | orient\_error: 0.1386

Ep: 221 | --- | Collision: 0 | ep\_r: 84.5 | step: 300 | pose\_error: 0.0099 | orient\_error: 0.1323

Ep: 222 | --- | Collision: 0 | ep\_r: 94.9 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.1369

Ep: 223 | --- | Collision: 0 | ep\_r: 90.8 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.1357

Ep: 224 | --- | Collision: 0 | ep\_r: 92.4 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.1439

Ep: 225 | --- | Collision: 0 | ep\_r: 85.5 | step: 300 | pose\_error: 0.0127 | orient\_error: 0.1098

Ep: 226 | --- | Collision: 0 | ep\_r: 84.2 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.1190

Ep: 227 | --- | Collision: 0 | ep\_r: 82.4 | step: 300 | pose\_error: 0.0151 | orient\_error: 0.1262

Ep: 228 | --- | Collision: 0 | ep\_r: 91.1 | step: 300 | pose\_error: 0.0104 | orient\_error: 0.1290

Ep: 229 | --- | Collision: 0 | ep\_r: 84.5 | step: 300 | pose\_error: 0.0121 | orient\_error: 0.1329

Ep: 230 | --- | Collision: 0 | ep\_r: 86.1 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.1447

Ep: 231 | --- | Collision: 0 | ep\_r: 92.0 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.1269

Ep: 232 | --- | Collision: 0 | ep\_r: 88.1 | step: 300 | pose\_error: 0.0087 | orient\_error: 0.1461

Ep: 233 | --- | Collision: 0 | ep\_r: 94.9 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.1272

Ep: 234 | --- | Collision: 0 | ep\_r: 92.5 | step: 300 | pose\_error: 0.0083 | orient\_error: 0.1297

Ep: 235 | --- | Collision: 0 | ep\_r: 87.7 | step: 300 | pose\_error: 0.0138 | orient\_error: 0.1115

Ep: 236 | --- | Collision: 0 | ep\_r: 88.6 | step: 300 | pose\_error: 0.0135 | orient\_error: 0.1223

Ep: 237 | --- | Collision: 0 | ep\_r: 89.6 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.1295

Ep: 238 | --- | Collision: 0 | ep\_r: 93.6 | step: 300 | pose\_error: 0.0140 | orient\_error: 0.1285

Ep: 239 | --- | Collision: 0 | ep\_r: 92.7 | step: 300 | pose\_error: 0.0111 | orient\_error: 0.1359

Ep: 240 | --- | Collision: 0 | ep\_r: 93.1 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.1296

Ep: 241 | --- | Collision: 0 | ep\_r: 90.5 | step: 300 | pose\_error: 0.0096 | orient\_error: 0.1332

Ep: 242 | --- | Collision: 0 | ep\_r: 89.7 | step: 300 | pose\_error: 0.0057 | orient\_error: 0.1150

Ep: 243 | --- | Collision: 0 | ep\_r: 94.5 | step: 300 | pose\_error: 0.0034 | orient\_error: 0.1126

Ep: 244 | --- | Collision: 0 | ep\_r: 88.3 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.1300

Ep: 245 | --- | Collision: 0 | ep\_r: 93.7 | step: 300 | pose\_error: 0.0122 | orient\_error: 0.0938

Ep: 246 | --- | Collision: 0 | ep\_r: 92.2 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.1103

Ep: 247 | --- | Collision: 0 | ep\_r: 92.0 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.1185

Ep: 248 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0086 | orient\_error: 0.1083

Ep: 249 | --- | Collision: 0 | ep\_r: 87.7 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0971

Ep: 250 | --- | Collision: 0 | ep\_r: 91.0 | step: 300 | pose\_error: 0.0034 | orient\_error: 0.0740

Ep: 251 | --- | Collision: 0 | ep\_r: 94.5 | step: 300 | pose\_error: 0.0086 | orient\_error: 0.0907

Ep: 252 | --- | Collision: 0 | ep\_r: 93.8 | step: 300 | pose\_error: 0.0033 | orient\_error: 0.0955

Ep: 253 | --- | Collision: 0 | ep\_r: 87.4 | step: 300 | pose\_error: 0.0130 | orient\_error: 0.1020

Ep: 254 | --- | Collision: 0 | ep\_r: 93.8 | step: 300 | pose\_error: 0.0043 | orient\_error: 0.0774

Ep: 255 | --- | Collision: 0 | ep\_r: 92.9 | step: 300 | pose\_error: 0.0058 | orient\_error: 0.0823

Ep: 256 | --- | Collision: 0 | ep\_r: 93.5 | step: 300 | pose\_error: 0.0105 | orient\_error: 0.1031

Ep: 257 | --- | Collision: 0 | ep\_r: 92.7 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.1020

Ep: 258 | --- | Collision: 0 | ep\_r: 99.4 | step: 300 | pose\_error: 0.0036 | orient\_error: 0.0677

Ep: 259 | --- | Collision: 0 | ep\_r: 93.6 | step: 300 | pose\_error: 0.0064 | orient\_error: 0.0679

Ep: 260 | --- | Collision: 0 | ep\_r: 94.9 | step: 300 | pose\_error: 0.0072 | orient\_error: 0.0715

Ep: 261 | --- | Collision: 0 | ep\_r: 95.3 | step: 300 | pose\_error: 0.0047 | orient\_error: 0.0627

Ep: 262 | --- | Collision: 0 | ep\_r: 94.1 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0508

Ep: 263 | --- | Collision: 0 | ep\_r: 96.2 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.0800

Ep: 264 | --- | Collision: 0 | ep\_r: 91.4 | step: 300 | pose\_error: 0.0143 | orient\_error: 0.0488

Ep: 265 | --- | Collision: 0 | ep\_r: 89.4 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.0464

Ep: 266 | --- | Collision: 0 | ep\_r: 98.6 | step: 300 | pose\_error: 0.0088 | orient\_error: 0.0398

Ep: 267 | --- | Collision: 0 | ep\_r: 91.3 | step: 300 | pose\_error: 0.0110 | orient\_error: 0.0472

Ep: 268 | --- | Collision: 0 | ep\_r: 91.3 | step: 300 | pose\_error: 0.0146 | orient\_error: 0.0579

Ep: 269 | --- | Collision: 0 | ep\_r: 95.9 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0434

Ep: 270 | --- | Collision: 0 | ep\_r: 96.0 | step: 300 | pose\_error: 0.0065 | orient\_error: 0.0402

Ep: 271 | --- | Collision: 0 | ep\_r: 90.6 | step: 300 | pose\_error: 0.0224 | orient\_error: 0.0582

Ep: 272 | --- | Collision: 0 | ep\_r: 94.2 | step: 300 | pose\_error: 0.0034 | orient\_error: 0.0446

Ep: 273 | --- | Collision: 0 | ep\_r: 90.8 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0508

Ep: 274 | --- | Collision: 0 | ep\_r: 95.8 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.0652

Ep: 275 | --- | Collision: 0 | ep\_r: 97.1 | step: 300 | pose\_error: 0.0021 | orient\_error: 0.0601

Ep: 276 | --- | Collision: 0 | ep\_r: 94.4 | step: 300 | pose\_error: 0.0139 | orient\_error: 0.0556

Ep: 277 | --- | Collision: 0 | ep\_r: 94.7 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0533

Ep: 278 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.0582

Ep: 279 | --- | Collision: 0 | ep\_r: 95.0 | step: 300 | pose\_error: 0.0030 | orient\_error: 0.0461

Ep: 280 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0864

Ep: 281 | --- | Collision: 0 | ep\_r: 95.8 | step: 300 | pose\_error: 0.0044 | orient\_error: 0.0679

Ep: 282 | --- | Collision: 0 | ep\_r: 100.4 | step: 300 | pose\_error: 0.0118 | orient\_error: 0.0847

Ep: 283 | --- | Collision: 0 | ep\_r: 95.8 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0578

Ep: 284 | --- | Collision: 0 | ep\_r: 96.1 | step: 300 | pose\_error: 0.0070 | orient\_error: 0.0654

Ep: 285 | --- | Collision: 0 | ep\_r: 101.1 | step: 300 | pose\_error: 0.0065 | orient\_error: 0.0509

Ep: 286 | --- | Collision: 0 | ep\_r: 98.7 | step: 300 | pose\_error: 0.0018 | orient\_error: 0.0504

Ep: 287 | --- | Collision: 0 | ep\_r: 100.9 | step: 300 | pose\_error: 0.0054 | orient\_error: 0.0739

Ep: 288 | --- | Collision: 0 | ep\_r: 96.0 | step: 300 | pose\_error: 0.0136 | orient\_error: 0.0595

Ep: 289 | --- | Collision: 0 | ep\_r: 95.9 | step: 300 | pose\_error: 0.0127 | orient\_error: 0.0578

Ep: 290 | --- | Collision: 0 | ep\_r: 97.5 | step: 300 | pose\_error: 0.0027 | orient\_error: 0.0700

Ep: 291 | --- | Collision: 0 | ep\_r: 95.2 | step: 300 | pose\_error: 0.0031 | orient\_error: 0.0521

Ep: 292 | --- | Collision: 0 | ep\_r: 99.2 | step: 300 | pose\_error: 0.0058 | orient\_error: 0.0627

Ep: 293 | --- | Collision: 0 | ep\_r: 98.3 | step: 300 | pose\_error: 0.0046 | orient\_error: 0.0459

Ep: 294 | --- | Collision: 0 | ep\_r: 97.3 | step: 300 | pose\_error: 0.0126 | orient\_error: 0.0633

Ep: 295 | --- | Collision: 0 | ep\_r: 96.6 | step: 300 | pose\_error: 0.0101 | orient\_error: 0.0551

Ep: 296 | --- | Collision: 0 | ep\_r: 102.4 | step: 300 | pose\_error: 0.0041 | orient\_error: 0.0643

Ep: 297 | --- | Collision: 0 | ep\_r: 97.4 | step: 300 | pose\_error: 0.0110 | orient\_error: 0.0735

Ep: 298 | --- | Collision: 0 | ep\_r: 100.0 | step: 300 | pose\_error: 0.0036 | orient\_error: 0.0638

Ep: 299 | --- | Collision: 0 | ep\_r: 99.1 | step: 300 | pose\_error: 0.0076 | orient\_error: 0.0452

Ep: 300 | --- | Collision: 0 | ep\_r: 96.3 | step: 300 | pose\_error: 0.0119 | orient\_error: 0.0513

Ep: 301 | --- | Collision: 0 | ep\_r: 100.6 | step: 300 | pose\_error: 0.0049 | orient\_error: 0.0625

Ep: 302 | --- | Collision: 0 | ep\_r: 98.7 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.0525

Ep: 303 | --- | Collision: 0 | ep\_r: 97.3 | step: 300 | pose\_error: 0.0051 | orient\_error: 0.0589

Ep: 304 | --- | Collision: 0 | ep\_r: 95.8 | step: 300 | pose\_error: 0.0131 | orient\_error: 0.0516

Ep: 305 | --- | Collision: 0 | ep\_r: 100.8 | step: 300 | pose\_error: 0.0033 | orient\_error: 0.0610

Ep: 306 | --- | Collision: 0 | ep\_r: 100.0 | step: 300 | pose\_error: 0.0062 | orient\_error: 0.0549

Ep: 307 | --- | Collision: 0 | ep\_r: 97.5 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.0488

Ep: 308 | --- | Collision: 0 | ep\_r: 100.4 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.0569

Ep: 309 | --- | Collision: 0 | ep\_r: 97.3 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0524

Ep: 310 | --- | Collision: 0 | ep\_r: 97.9 | step: 300 | pose\_error: 0.0054 | orient\_error: 0.0500

Ep: 311 | --- | Collision: 0 | ep\_r: 100.5 | step: 300 | pose\_error: 0.0046 | orient\_error: 0.0524

Ep: 312 | --- | Collision: 0 | ep\_r: 100.0 | step: 300 | pose\_error: 0.0074 | orient\_error: 0.0599

Ep: 313 | --- | Collision: 0 | ep\_r: 97.7 | step: 300 | pose\_error: 0.0081 | orient\_error: 0.0629

Ep: 314 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0055 | orient\_error: 0.0604

Ep: 315 | --- | Collision: 0 | ep\_r: 102.5 | step: 300 | pose\_error: 0.0022 | orient\_error: 0.0474

Ep: 316 | --- | Collision: 0 | ep\_r: 97.1 | step: 300 | pose\_error: 0.0040 | orient\_error: 0.0454

Ep: 317 | --- | Collision: 0 | ep\_r: 98.0 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.0628

Ep: 318 | --- | Collision: 0 | ep\_r: 100.7 | step: 300 | pose\_error: 0.0029 | orient\_error: 0.0505

Ep: 319 | --- | Collision: 0 | ep\_r: 99.3 | step: 300 | pose\_error: 0.0059 | orient\_error: 0.0436

Ep: 320 | --- | Collision: 0 | ep\_r: 112.2 | step: 300 | pose\_error: 0.0141 | orient\_error: 0.0458

Ep: 321 | --- | Collision: 0 | ep\_r: 99.1 | step: 300 | pose\_error: 0.0082 | orient\_error: 0.0555

Ep: 322 | --- | Collision: 0 | ep\_r: 103.0 | step: 300 | pose\_error: 0.0039 | orient\_error: 0.0519

Ep: 323 | --- | Collision: 0 | ep\_r: 99.0 | step: 300 | pose\_error: 0.0059 | orient\_error: 0.0525

Ep: 324 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0154 | orient\_error: 0.0638

Ep: 325 | --- | Collision: 0 | ep\_r: 96.1 | step: 300 | pose\_error: 0.0052 | orient\_error: 0.0488

Ep: 326 | --- | Collision: 0 | ep\_r: 92.8 | step: 300 | pose\_error: 0.0095 | orient\_error: 0.0471

Ep: 327 | --- | Collision: 0 | ep\_r: 95.1 | step: 300 | pose\_error: 0.0125 | orient\_error: 0.0500

Ep: 328 | --- | Collision: 0 | ep\_r: 99.3 | step: 300 | pose\_error: 0.0037 | orient\_error: 0.0438

Ep: 329 | --- | Collision: 0 | ep\_r: 95.4 | step: 300 | pose\_error: 0.0034 | orient\_error: 0.0388

Ep: 330 | --- | Collision: 0 | ep\_r: 96.4 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.0357

Ep: 331 | --- | Collision: 0 | ep\_r: 92.5 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.0607

Ep: 332 | --- | Collision: 0 | ep\_r: 87.4 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.0295

Ep: 333 | --- | Collision: 0 | ep\_r: 94.4 | step: 300 | pose\_error: 0.0039 | orient\_error: 0.0703

Ep: 334 | --- | Collision: 0 | ep\_r: 88.1 | step: 300 | pose\_error: 0.0115 | orient\_error: 0.0345

Ep: 335 | --- | Collision: 0 | ep\_r: 97.6 | step: 300 | pose\_error: 0.0039 | orient\_error: 0.0713

Ep: 336 | --- | Collision: 0 | ep\_r: 96.6 | step: 300 | pose\_error: 0.0098 | orient\_error: 0.0458

Ep: 337 | --- | Collision: 0 | ep\_r: 94.1 | step: 300 | pose\_error: 0.0075 | orient\_error: 0.0690

Ep: 338 | --- | Collision: 0 | ep\_r: 97.0 | step: 300 | pose\_error: 0.0032 | orient\_error: 0.0509

Ep: 339 | --- | Collision: 0 | ep\_r: 94.0 | step: 300 | pose\_error: 0.0120 | orient\_error: 0.0429

Ep: 340 | --- | Collision: 0 | ep\_r: 104.4 | step: 300 | pose\_error: 0.0083 | orient\_error: 0.0476

Ep: 341 | --- | Collision: 0 | ep\_r: 100.1 | step: 300 | pose\_error: 0.0067 | orient\_error: 0.0546

Ep: 342 | --- | Collision: 0 | ep\_r: 101.9 | step: 300 | pose\_error: 0.0085 | orient\_error: 0.0498

Ep: 343 | --- | Collision: 0 | ep\_r: 94.6 | step: 300 | pose\_error: 0.0148 | orient\_error: 0.0617

Ep: 344 | --- | Collision: 0 | ep\_r: 94.3 | step: 300 | pose\_error: 0.0099 | orient\_error: 0.0280

Ep: 345 | --- | Collision: 0 | ep\_r: 98.8 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0245

Ep: 346 | --- | Collision: 0 | ep\_r: 84.3 | step: 300 | pose\_error: 0.0171 | orient\_error: 0.0384

Ep: 347 | --- | Collision: 0 | ep\_r: 84.9 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.0358

Ep: 348 | --- | Collision: 0 | ep\_r: 95.9 | step: 300 | pose\_error: 0.0081 | orient\_error: 0.0414

Ep: 349 | --- | Collision: 0 | ep\_r: 103.2 | step: 300 | pose\_error: 0.0163 | orient\_error: 0.0580

Ep: 350 | --- | Collision: 0 | ep\_r: 94.1 | step: 300 | pose\_error: 0.0099 | orient\_error: 0.0468

Ep: 351 | --- | Collision: 0 | ep\_r: 88.5 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0377

Ep: 352 | --- | Collision: 0 | ep\_r: 84.6 | step: 300 | pose\_error: 0.0035 | orient\_error: 0.0330

Ep: 353 | --- | Collision: 0 | ep\_r: 87.4 | step: 300 | pose\_error: 0.0062 | orient\_error: 0.0482

Ep: 354 | --- | Collision: 0 | ep\_r: 89.5 | step: 300 | pose\_error: 0.0045 | orient\_error: 0.0528

Ep: 355 | --- | Collision: 0 | ep\_r: 96.6 | step: 300 | pose\_error: 0.0073 | orient\_error: 0.0296

Ep: 356 | --- | Collision: 0 | ep\_r: 93.8 | step: 300 | pose\_error: 0.0080 | orient\_error: 0.0271

Ep: 357 | --- | Collision: 0 | ep\_r: 89.6 | step: 300 | pose\_error: 0.0112 | orient\_error: 0.0339

Ep: 358 | --- | Collision: 0 | ep\_r: 93.5 | step: 300 | pose\_error: 0.0071 | orient\_error: 0.0299

Ep: 359 | --- | Collision: 0 | ep\_r: 63.7 | step: 300 | pose\_error: 0.0219 | orient\_error: 0.0525

Ep: 360 | --- | Collision: 0 | ep\_r: 78.7 | step: 300 | pose\_error: 0.0191 | orient\_error: 0.0465

Ep: 361 | --- | Collision: 0 | ep\_r: 80.7 | step: 300 | pose\_error: 0.0255 | orient\_error: 0.0174

Ep: 362 | --- | Collision: 0 | ep\_r: 76.9 | step: 300 | pose\_error: 0.0084 | orient\_error: 0.0335

Ep: 363 | --- | Collision: 0 | ep\_r: 77.3 | step: 300 | pose\_error: 0.0271 | orient\_error: 0.0294

Ep: 364 | --- | Collision: 0 | ep\_r: 101.8 | step: 300 | pose\_error: 0.0030 | orient\_error: 0.0489

Ep: 365 | --- | Collision: 0 | ep\_r: 88.9 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.0264

Ep: 366 | --- | Collision: 0 | ep\_r: 89.9 | step: 300 | pose\_error: 0.0126 | orient\_error: 0.0361

Ep: 367 | --- | Collision: 0 | ep\_r: 111.4 | step: 300 | pose\_error: 0.0160 | orient\_error: 0.0139

Ep: 368 | --- | Collision: 0 | ep\_r: 105.9 | step: 300 | pose\_error: 0.0148 | orient\_error: 0.0113

Ep: 369 | --- | Collision: 0 | ep\_r: 111.4 | step: 300 | pose\_error: 0.0094 | orient\_error: 0.0322

Ep: 370 | --- | Collision: 0 | ep\_r: 138.3 | step: 300 | pose\_error: 0.0158 | orient\_error: 0.0223

Ep: 371 | --- | Collision: 0 | ep\_r: 128.7 | step: 300 | pose\_error: 0.0029 | orient\_error: 0.0466

Ep: 372 | --- | Collision: 0 | ep\_r: 112.3 | step: 300 | pose\_error: 0.0103 | orient\_error: 0.0221

Ep: 373 | --- | Collision: 0 | ep\_r: 90.3 | step: 300 | pose\_error: 0.0100 | orient\_error: 0.0173

Ep: 374 | --- | Collision: 0 | ep\_r: 128.0 | step: 300 | pose\_error: 0.0164 | orient\_error: 0.0189

Ep: 375 | --- | Collision: 0 | ep\_r: 97.1 | step: 300 | pose\_error: 0.0068 | orient\_error: 0.0323

Ep: 376 | --- | Collision: 0 | ep\_r: 122.5 | step: 300 | pose\_error: 0.0097 | orient\_error: 0.0419

Ep: 377 | done | Collision: 0 | ep\_r: 147.2 | step: 287 | pose\_error: 0.0060 | orient\_error: 0.0090

Ep: 378 | --- | Collision: 0 | ep\_r: 90.9 | step: 300 | pose\_error: 0.0082 | orient\_error: 0.0380

Ep: 379 | done | Collision: 0 | ep\_r: 96.8 | step: 180 | pose\_error: 0.0025 | orient\_error: 0.0067

Ep: 380 | --- | Collision: 0 | ep\_r: 100.6 | step: 300 | pose\_error: 0.0091 | orient\_error: 0.0353

Ep: 381 | done | Collision: 0 | ep\_r: 117.2 | step: 218 | pose\_error: 0.0045 | orient\_error: 0.0173

Ep: 382 | --- | Collision: 0 | ep\_r: 128.2 | step: 300 | pose\_error: 0.0132 | orient\_error: 0.0079

Ep: 383 | --- | Collision: 0 | ep\_r: 92.6 | step: 300 | pose\_error: 0.0122 | orient\_error: 0.0139

Ep: 384 | --- | Collision: 0 | ep\_r: 103.3 | step: 300 | pose\_error: 0.0017 | orient\_error: 0.0395

Ep: 385 | --- | Collision: 0 | ep\_r: 167.4 | step: 300 | pose\_error: 0.0063 | orient\_error: 0.0200

Ep: 386 | done | Collision: 0 | ep\_r: 137.8 | step: 245 | pose\_error: 0.0083 | orient\_error: 0.0145

Ep: 387 | --- | Collision: 0 | ep\_r: 133.4 | step: 300 | pose\_error: 0.0057 | orient\_error: 0.0231

Ep: 388 | --- | Collision: 0 | ep\_r: 139.1 | step: 300 | pose\_error: 0.0028 | orient\_error: 0.0221

Ep: 389 | done | Collision: 0 | ep\_r: 120.4 | step: 235 | pose\_error: 0.0059 | orient\_error: 0.0194

Ep: 390 | --- | Collision: 0 | ep\_r: 164.0 | step: 300 | pose\_error: 0.0106 | orient\_error: 0.0156

Ep: 391 | --- | Collision: 0 | ep\_r: 145.2 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0106

Ep: 392 | done | Collision: 0 | ep\_r: 154.8 | step: 231 | pose\_error: 0.0033 | orient\_error: 0.0078

Ep: 393 | done | Collision: 0 | ep\_r: 162.8 | step: 263 | pose\_error: 0.0043 | orient\_error: 0.0121

Ep: 394 | --- | Collision: 0 | ep\_r: 169.4 | step: 300 | pose\_error: 0.0093 | orient\_error: 0.0083

Ep: 395 | done | Collision: 0 | ep\_r: 87.6 | step: 149 | pose\_error: 0.0041 | orient\_error: 0.0127

Ep: 396 | done | Collision: 0 | ep\_r: 164.7 | step: 290 | pose\_error: 0.0030 | orient\_error: 0.0118

Ep: 397 | done | Collision: 0 | ep\_r: 114.4 | step: 235 | pose\_error: 0.0026 | orient\_error: 0.0210

Ep: 398 | done | Collision: 0 | ep\_r: 123.9 | step: 256 | pose\_error: 0.0066 | orient\_error: 0.0206

Ep: 399 | done | Collision: 0 | ep\_r: 151.8 | step: 232 | pose\_error: 0.0036 | orient\_error: 0.0078

Ep: 400 | done | Collision: 0 | ep\_r: 100.9 | step: 165 | pose\_error: 0.0084 | orient\_error: 0.0077

Ep: 401 | done | Collision: 0 | ep\_r: 89.9 | step: 163 | pose\_error: 0.0054 | orient\_error: 0.0203

Ep: 402 | done | Collision: 0 | ep\_r: 91.1 | step: 156 | pose\_error: 0.0072 | orient\_error: 0.0105

Ep: 403 | --- | Collision: 0 | ep\_r: 202.6 | step: 300 | pose\_error: 0.0069 | orient\_error: 0.0089

Ep: 404 | done | Collision: 0 | ep\_r: 101.0 | step: 188 | pose\_error: 0.0033 | orient\_error: 0.0108

Ep: 405 | done | Collision: 0 | ep\_r: 206.4 | step: 247 | pose\_error: 0.0069 | orient\_error: 0.0073

Ep: 406 | done | Collision: 0 | ep\_r: 88.6 | step: 167 | pose\_error: 0.0013 | orient\_error: 0.0137

Ep: 407 | done | Collision: 0 | ep\_r: 80.8 | step: 138 | pose\_error: 0.0018 | orient\_error: 0.0108

Ep: 408 | --- | Collision: 0 | ep\_r: 114.9 | step: 300 | pose\_error: 0.0047 | orient\_error: 0.0161

Ep: 409 | done | Collision: 0 | ep\_r: 81.7 | step: 137 | pose\_error: 0.0051 | orient\_error: 0.0145

Ep: 410 | done | Collision: 0 | ep\_r: 82.0 | step: 144 | pose\_error: 0.0065 | orient\_error: 0.0173

Ep: 411 | done | Collision: 0 | ep\_r: 87.5 | step: 149 | pose\_error: 0.0060 | orient\_error: 0.0086

Ep: 412 | done | Collision: 0 | ep\_r: 141.1 | step: 268 | pose\_error: 0.0061 | orient\_error: 0.0092

Ep: 413 | done | Collision: 0 | ep\_r: 92.8 | step: 161 | pose\_error: 0.0023 | orient\_error: 0.0049

Ep: 414 | done | Collision: 0 | ep\_r: 114.7 | step: 192 | pose\_error: 0.0075 | orient\_error: 0.0165

Ep: 415 | done | Collision: 0 | ep\_r: 94.9 | step: 171 | pose\_error: 0.0062 | orient\_error: 0.0106

Ep: 416 | done | Collision: 0 | ep\_r: 85.0 | step: 147 | pose\_error: 0.0059 | orient\_error: 0.0055

Ep: 417 | done | Collision: 0 | ep\_r: 89.1 | step: 159 | pose\_error: 0.0040 | orient\_error: 0.0071

Ep: 418 | done | Collision: 0 | ep\_r: 83.6 | step: 136 | pose\_error: 0.0040 | orient\_error: 0.0104

Ep: 419 | done | Collision: 0 | ep\_r: 99.8 | step: 165 | pose\_error: 0.0065 | orient\_error: 0.0084

Ep: 420 | done | Collision: 0 | ep\_r: 90.5 | step: 158 | pose\_error: 0.0084 | orient\_error: 0.0068

Ep: 421 | done | Collision: 0 | ep\_r: 166.1 | step: 241 | pose\_error: 0.0069 | orient\_error: 0.0086

Ep: 422 | done | Collision: 0 | ep\_r: 81.6 | step: 145 | pose\_error: 0.0036 | orient\_error: 0.0071

Ep: 423 | done | Collision: 0 | ep\_r: 101.6 | step: 157 | pose\_error: 0.0034 | orient\_error: 0.0064

Ep: 424 | done | Collision: 0 | ep\_r: 85.7 | step: 147 | pose\_error: 0.0040 | orient\_error: 0.0102

Ep: 425 | done | Collision: 0 | ep\_r: 94.2 | step: 152 | pose\_error: 0.0047 | orient\_error: 0.0083

Ep: 426 | done | Collision: 0 | ep\_r: 86.4 | step: 147 | pose\_error: 0.0048 | orient\_error: 0.0050

Ep: 427 | done | Collision: 0 | ep\_r: 84.8 | step: 139 | pose\_error: 0.0040 | orient\_error: 0.0083

Ep: 428 | done | Collision: 0 | ep\_r: 85.4 | step: 143 | pose\_error: 0.0065 | orient\_error: 0.0080

Ep: 429 | done | Collision: 0 | ep\_r: 87.9 | step: 158 | pose\_error: 0.0030 | orient\_error: 0.0083

Ep: 430 | done | Collision: 0 | ep\_r: 78.4 | step: 143 | pose\_error: 0.0059 | orient\_error: 0.0137

Ep: 431 | done | Collision: 0 | ep\_r: 87.3 | step: 158 | pose\_error: 0.0060 | orient\_error: 0.0092

Ep: 432 | done | Collision: 0 | ep\_r: 82.9 | step: 135 | pose\_error: 0.0037 | orient\_error: 0.0131

Ep: 433 | done | Collision: 0 | ep\_r: 116.8 | step: 166 | pose\_error: 0.0065 | orient\_error: 0.0129

Ep: 434 | done | Collision: 0 | ep\_r: 80.7 | step: 138 | pose\_error: 0.0038 | orient\_error: 0.0129

Ep: 435 | done | Collision: 0 | ep\_r: 81.3 | step: 141 | pose\_error: 0.0033 | orient\_error: 0.0079

Ep: 436 | done | Collision: 0 | ep\_r: 87.8 | step: 154 | pose\_error: 0.0062 | orient\_error: 0.0114

Ep: 437 | done | Collision: 0 | ep\_r: 74.8 | step: 132 | pose\_error: 0.0024 | orient\_error: 0.0062

Ep: 438 | done | Collision: 0 | ep\_r: 81.3 | step: 138 | pose\_error: 0.0053 | orient\_error: 0.0092

Ep: 439 | done | Collision: 0 | ep\_r: 83.0 | step: 151 | pose\_error: 0.0027 | orient\_error: 0.0081

Ep: 440 | done | Collision: 0 | ep\_r: 106.2 | step: 155 | pose\_error: 0.0024 | orient\_error: 0.0125

Ep: 441 | done | Collision: 0 | ep\_r: 90.1 | step: 171 | pose\_error: 0.0060 | orient\_error: 0.0103

Ep: 442 | done | Collision: 0 | ep\_r: 125.4 | step: 174 | pose\_error: 0.0053 | orient\_error: 0.0098

Ep: 443 | done | Collision: 0 | ep\_r: 85.5 | step: 151 | pose\_error: 0.0031 | orient\_error: 0.0078

Ep: 444 | done | Collision: 0 | ep\_r: 79.4 | step: 137 | pose\_error: 0.0053 | orient\_error: 0.0068

Ep: 445 | done | Collision: 0 | ep\_r: 111.1 | step: 160 | pose\_error: 0.0031 | orient\_error: 0.0140

Ep: 446 | done | Collision: 0 | ep\_r: 86.0 | step: 147 | pose\_error: 0.0026 | orient\_error: 0.0079

Ep: 447 | done | Collision: 0 | ep\_r: 94.2 | step: 142 | pose\_error: 0.0031 | orient\_error: 0.0131

Ep: 448 | done | Collision: 0 | ep\_r: 85.8 | step: 147 | pose\_error: 0.0033 | orient\_error: 0.0067

Ep: 449 | done | Collision: 0 | ep\_r: 100.1 | step: 154 | pose\_error: 0.0047 | orient\_error: 0.0121

Ep: 450 | done | Collision: 0 | ep\_r: 92.0 | step: 150 | pose\_error: 0.0038 | orient\_error: 0.0136

Ep: 451 | done | Collision: 0 | ep\_r: 78.0 | step: 130 | pose\_error: 0.0045 | orient\_error: 0.0105

Ep: 452 | done | Collision: 0 | ep\_r: 82.5 | step: 137 | pose\_error: 0.0017 | orient\_error: 0.0132

Ep: 453 | done | Collision: 0 | ep\_r: 85.2 | step: 140 | pose\_error: 0.0022 | orient\_error: 0.0156

Ep: 454 | done | Collision: 0 | ep\_r: 81.2 | step: 137 | pose\_error: 0.0093 | orient\_error: 0.0127

Ep: 455 | done | Collision: 0 | ep\_r: 82.9 | step: 142 | pose\_error: 0.0045 | orient\_error: 0.0088

Ep: 456 | done | Collision: 0 | ep\_r: 77.2 | step: 137 | pose\_error: 0.0057 | orient\_error: 0.0139

Ep: 457 | done | Collision: 0 | ep\_r: 84.8 | step: 145 | pose\_error: 0.0076 | orient\_error: 0.0132

Ep: 458 | done | Collision: 0 | ep\_r: 187.9 | step: 223 | pose\_error: 0.0050 | orient\_error: 0.0082

Ep: 459 | done | Collision: 0 | ep\_r: 97.1 | step: 160 | pose\_error: 0.0063 | orient\_error: 0.0113

Ep: 460 | done | Collision: 0 | ep\_r: 84.9 | step: 148 | pose\_error: 0.0062 | orient\_error: 0.0118

Ep: 461 | done | Collision: 0 | ep\_r: 82.2 | step: 136 | pose\_error: 0.0031 | orient\_error: 0.0141

Ep: 462 | done | Collision: 0 | ep\_r: 79.3 | step: 133 | pose\_error: 0.0056 | orient\_error: 0.0116

Ep: 463 | done | Collision: 0 | ep\_r: 78.8 | step: 133 | pose\_error: 0.0043 | orient\_error: 0.0115

Ep: 464 | done | Collision: 0 | ep\_r: 80.1 | step: 129 | pose\_error: 0.0028 | orient\_error: 0.0164

Ep: 465 | done | Collision: 0 | ep\_r: 221.3 | step: 242 | pose\_error: 0.0044 | orient\_error: 0.0070

Ep: 466 | done | Collision: 0 | ep\_r: 98.8 | step: 150 | pose\_error: 0.0036 | orient\_error: 0.0091

Ep: 467 | done | Collision: 0 | ep\_r: 81.8 | step: 136 | pose\_error: 0.0072 | orient\_error: 0.0118

Ep: 468 | done | Collision: 0 | ep\_r: 84.8 | step: 141 | pose\_error: 0.0015 | orient\_error: 0.0076

Ep: 469 | done | Collision: 0 | ep\_r: 80.3 | step: 135 | pose\_error: 0.0063 | orient\_error: 0.0061

Ep: 470 | done | Collision: 0 | ep\_r: 80.3 | step: 130 | pose\_error: 0.0037 | orient\_error: 0.0071

Ep: 471 | done | Collision: 0 | ep\_r: 82.3 | step: 131 | pose\_error: 0.0017 | orient\_error: 0.0175

Ep: 472 | done | Collision: 0 | ep\_r: 80.8 | step: 133 | pose\_error: 0.0028 | orient\_error: 0.0100

Ep: 473 | done | Collision: 0 | ep\_r: 80.9 | step: 133 | pose\_error: 0.0046 | orient\_error: 0.0133

Ep: 474 | done | Collision: 0 | ep\_r: 80.7 | step: 134 | pose\_error: 0.0032 | orient\_error: 0.0096

Ep: 475 | done | Collision: 0 | ep\_r: 79.6 | step: 130 | pose\_error: 0.0024 | orient\_error: 0.0178

Ep: 476 | done | Collision: 0 | ep\_r: 85.2 | step: 143 | pose\_error: 0.0028 | orient\_error: 0.0057

Ep: 477 | done | Collision: 0 | ep\_r: 109.5 | step: 161 | pose\_error: 0.0066 | orient\_error: 0.0080

Ep: 478 | done | Collision: 0 | ep\_r: 100.1 | step: 154 | pose\_error: 0.0064 | orient\_error: 0.0123

Ep: 479 | done | Collision: 0 | ep\_r: 81.5 | step: 129 | pose\_error: 0.0037 | orient\_error: 0.0126

Ep: 480 | done | Collision: 0 | ep\_r: 79.1 | step: 133 | pose\_error: 0.0031 | orient\_error: 0.0120

Ep: 481 | done | Collision: 0 | ep\_r: 80.0 | step: 136 | pose\_error: 0.0045 | orient\_error: 0.0134

Ep: 482 | done | Collision: 0 | ep\_r: 81.3 | step: 130 | pose\_error: 0.0043 | orient\_error: 0.0067

Ep: 483 | done | Collision: 0 | ep\_r: 79.5 | step: 129 | pose\_error: 0.0034 | orient\_error: 0.0129

Ep: 484 | done | Collision: 0 | ep\_r: 80.9 | step: 134 | pose\_error: 0.0038 | orient\_error: 0.0096

Ep: 485 | done | Collision: 0 | ep\_r: 79.8 | step: 128 | pose\_error: 0.0024 | orient\_error: 0.0113

Ep: 486 | done | Collision: 0 | ep\_r: 81.6 | step: 129 | pose\_error: 0.0056 | orient\_error: 0.0049

Ep: 487 | done | Collision: 0 | ep\_r: 79.9 | step: 129 | pose\_error: 0.0038 | orient\_error: 0.0046

Ep: 488 | done | Collision: 0 | ep\_r: 154.1 | step: 190 | pose\_error: 0.0061 | orient\_error: 0.0122

Ep: 489 | done | Collision: 0 | ep\_r: 90.7 | step: 156 | pose\_error: 0.0042 | orient\_error: 0.0131

Ep: 490 | done | Collision: 0 | ep\_r: 83.9 | step: 141 | pose\_error: 0.0038 | orient\_error: 0.0094

Ep: 491 | done | Collision: 0 | ep\_r: 82.9 | step: 132 | pose\_error: 0.0049 | orient\_error: 0.0063

Ep: 492 | done | Collision: 0 | ep\_r: 83.4 | step: 137 | pose\_error: 0.0040 | orient\_error: 0.0089

Ep: 493 | done | Collision: 0 | ep\_r: 132.3 | step: 176 | pose\_error: 0.0046 | orient\_error: 0.0094

Ep: 494 | done | Collision: 0 | ep\_r: 81.8 | step: 131 | pose\_error: 0.0034 | orient\_error: 0.0175

Ep: 495 | done | Collision: 0 | ep\_r: 78.9 | step: 132 | pose\_error: 0.0029 | orient\_error: 0.0137

Ep: 496 | done | Collision: 0 | ep\_r: 84.6 | step: 141 | pose\_error: 0.0022 | orient\_error: 0.0132

Ep: 497 | done | Collision: 0 | ep\_r: 79.8 | step: 129 | pose\_error: 0.0008 | orient\_error: 0.0162

Ep: 498 | done | Collision: 0 | ep\_r: 96.1 | step: 146 | pose\_error: 0.0026 | orient\_error: 0.0045

Ep: 499 | done | Collision: 0 | ep\_r: 79.7 | step: 132 | pose\_error: 0.0044 | orient\_error: 0.0128

Ep: 500 | done | Collision: 0 | ep\_r: 79.4 | step: 127 | pose\_error: 0.0042 | orient\_error: 0.0100

Ep: 501 | done | Collision: 0 | ep\_r: 114.3 | step: 159 | pose\_error: 0.0053 | orient\_error: 0.0092

Ep: 502 | done | Collision: 0 | ep\_r: 81.4 | step: 131 | pose\_error: 0.0019 | orient\_error: 0.0070

Ep: 503 | done | Collision: 0 | ep\_r: 75.6 | step: 123 | pose\_error: 0.0060 | orient\_error: 0.0056

Ep: 504 | done | Collision: 0 | ep\_r: 79.7 | step: 131 | pose\_error: 0.0027 | orient\_error: 0.0074

Ep: 505 | done | Collision: 0 | ep\_r: 82.7 | step: 135 | pose\_error: 0.0040 | orient\_error: 0.0078

Ep: 506 | done | Collision: 0 | ep\_r: 80.3 | step: 137 | pose\_error: 0.0050 | orient\_error: 0.0119

Ep: 507 | done | Collision: 0 | ep\_r: 89.1 | step: 150 | pose\_error: 0.0053 | orient\_error: 0.0108

Ep: 508 | done | Collision: 0 | ep\_r: 81.1 | step: 136 | pose\_error: 0.0047 | orient\_error: 0.0129

Ep: 509 | done | Collision: 0 | ep\_r: 81.3 | step: 136 | pose\_error: 0.0037 | orient\_error: 0.0121

Ep: 510 | done | Collision: 0 | ep\_r: 78.9 | step: 128 | pose\_error: 0.0036 | orient\_error: 0.0050

Ep: 511 | done | Collision: 0 | ep\_r: 81.6 | step: 134 | pose\_error: 0.0032 | orient\_error: 0.0130

Ep: 512 | done | Collision: 0 | ep\_r: 83.7 | step: 135 | pose\_error: 0.0033 | orient\_error: 0.0062

Ep: 513 | done | Collision: 0 | ep\_r: 79.6 | step: 125 | pose\_error: 0.0048 | orient\_error: 0.0089

Ep: 514 | done | Collision: 0 | ep\_r: 120.2 | step: 163 | pose\_error: 0.0063 | orient\_error: 0.0062

Ep: 515 | done | Collision: 0 | ep\_r: 81.4 | step: 133 | pose\_error: 0.0048 | orient\_error: 0.0097

Ep: 516 | done | Collision: 0 | ep\_r: 81.9 | step: 145 | pose\_error: 0.0048 | orient\_error: 0.0140

Ep: 517 | done | Collision: 0 | ep\_r: 81.0 | step: 132 | pose\_error: 0.0067 | orient\_error: 0.0137

Ep: 518 | done | Collision: 0 | ep\_r: 80.1 | step: 134 | pose\_error: 0.0013 | orient\_error: 0.0117

Ep: 519 | done | Collision: 0 | ep\_r: 79.4 | step: 129 | pose\_error: 0.0048 | orient\_error: 0.0130

Ep: 520 | done | Collision: 0 | ep\_r: 79.8 | step: 132 | pose\_error: 0.0039 | orient\_error: 0.0143

Ep: 521 | done | Collision: 0 | ep\_r: 78.8 | step: 129 | pose\_error: 0.0033 | orient\_error: 0.0136

Ep: 522 | done | Collision: 0 | ep\_r: 169.0 | step: 203 | pose\_error: 0.0017 | orient\_error: 0.0129

Ep: 523 | done | Collision: 0 | ep\_r: 79.7 | step: 133 | pose\_error: 0.0047 | orient\_error: 0.0106

Ep: 524 | done | Collision: 0 | ep\_r: 83.3 | step: 140 | pose\_error: 0.0048 | orient\_error: 0.0200

Ep: 525 | done | Collision: 0 | ep\_r: 79.3 | step: 131 | pose\_error: 0.0008 | orient\_error: 0.0071

Ep: 526 | done | Collision: 0 | ep\_r: 79.0 | step: 129 | pose\_error: 0.0018 | orient\_error: 0.0131

Ep: 527 | --- | Collision: 0 | ep\_r: 305.3 | step: 300 | pose\_error: 0.0059 | orient\_error: 0.0067

Ep: 528 | done | Collision: 0 | ep\_r: 80.1 | step: 131 | pose\_error: 0.0029 | orient\_error: 0.0088

Ep: 529 | done | Collision: 0 | ep\_r: 77.9 | step: 123 | pose\_error: 0.0056 | orient\_error: 0.0042

Ep: 530 | done | Collision: 0 | ep\_r: 123.4 | step: 166 | pose\_error: 0.0015 | orient\_error: 0.0102

Ep: 531 | done | Collision: 0 | ep\_r: 79.8 | step: 129 | pose\_error: 0.0042 | orient\_error: 0.0107

Ep: 532 | done | Collision: 0 | ep\_r: 78.2 | step: 129 | pose\_error: 0.0039 | orient\_error: 0.0110

Ep: 533 | done | Collision: 0 | ep\_r: 76.0 | step: 130 | pose\_error: 0.0049 | orient\_error: 0.0140

Ep: 534 | done | Collision: 0 | ep\_r: 83.6 | step: 133 | pose\_error: 0.0024 | orient\_error: 0.0094

Ep: 535 | done | Collision: 0 | ep\_r: 81.7 | step: 131 | pose\_error: 0.0014 | orient\_error: 0.0105

Ep: 536 | done | Collision: 0 | ep\_r: 79.6 | step: 128 | pose\_error: 0.0021 | orient\_error: 0.0117

Ep: 537 | done | Collision: 0 | ep\_r: 76.9 | step: 127 | pose\_error: 0.0037 | orient\_error: 0.0087

Ep: 538 | done | Collision: 0 | ep\_r: 79.1 | step: 131 | pose\_error: 0.0034 | orient\_error: 0.0075

Ep: 539 | done | Collision: 0 | ep\_r: 80.1 | step: 128 | pose\_error: 0.0034 | orient\_error: 0.0120

Ep: 540 | done | Collision: 0 | ep\_r: 79.8 | step: 126 | pose\_error: 0.0031 | orient\_error: 0.0105

Ep: 541 | done | Collision: 0 | ep\_r: 82.9 | step: 137 | pose\_error: 0.0057 | orient\_error: 0.0120

Ep: 542 | done | Collision: 0 | ep\_r: 126.5 | step: 167 | pose\_error: 0.0046 | orient\_error: 0.0087

Ep: 543 | done | Collision: 0 | ep\_r: 79.3 | step: 124 | pose\_error: 0.0018 | orient\_error: 0.0127

Ep: 544 | done | Collision: 0 | ep\_r: 81.2 | step: 132 | pose\_error: 0.0036 | orient\_error: 0.0074

Ep: 545 | done | Collision: 0 | ep\_r: 79.6 | step: 127 | pose\_error: 0.0048 | orient\_error: 0.0051

Ep: 546 | done | Collision: 0 | ep\_r: 140.7 | step: 177 | pose\_error: 0.0041 | orient\_error: 0.0115

Ep: 547 | done | Collision: 0 | ep\_r: 80.5 | step: 128 | pose\_error: 0.0038 | orient\_error: 0.0124

Ep: 548 | done | Collision: 0 | ep\_r: 106.0 | step: 174 | pose\_error: 0.0020 | orient\_error: 0.0122

Ep: 549 | done | Collision: 0 | ep\_r: 79.2 | step: 129 | pose\_error: 0.0047 | orient\_error: 0.0063

Ep: 550 | done | Collision: 0 | ep\_r: 80.1 | step: 126 | pose\_error: 0.0034 | orient\_error: 0.0115

Ep: 551 | done | Collision: 0 | ep\_r: 81.7 | step: 132 | pose\_error: 0.0026 | orient\_error: 0.0147

Ep: 552 | done | Collision: 0 | ep\_r: 82.2 | step: 135 | pose\_error: 0.0030 | orient\_error: 0.0066

Ep: 553 | done | Collision: 0 | ep\_r: 79.6 | step: 137 | pose\_error: 0.0029 | orient\_error: 0.0087

Ep: 554 | done | Collision: 0 | ep\_r: 81.9 | step: 135 | pose\_error: 0.0055 | orient\_error: 0.0151

Ep: 555 | done | Collision: 0 | ep\_r: 82.3 | step: 132 | pose\_error: 0.0005 | orient\_error: 0.0162

Ep: 556 | done | Collision: 0 | ep\_r: 80.9 | step: 133 | pose\_error: 0.0037 | orient\_error: 0.0083

Ep: 557 | done | Collision: 0 | ep\_r: 94.1 | step: 149 | pose\_error: 0.0034 | orient\_error: 0.0162

Ep: 558 | done | Collision: 0 | ep\_r: 77.3 | step: 127 | pose\_error: 0.0016 | orient\_error: 0.0151

Ep: 559 | done | Collision: 0 | ep\_r: 79.9 | step: 126 | pose\_error: 0.0043 | orient\_error: 0.0088

Ep: 560 | done | Collision: 0 | ep\_r: 79.1 | step: 131 | pose\_error: 0.0054 | orient\_error: 0.0057

Ep: 561 | done | Collision: 0 | ep\_r: 81.8 | step: 130 | pose\_error: 0.0074 | orient\_error: 0.0061

Ep: 562 | done | Collision: 0 | ep\_r: 75.8 | step: 124 | pose\_error: 0.0020 | orient\_error: 0.0129

Ep: 563 | done | Collision: 0 | ep\_r: 79.8 | step: 130 | pose\_error: 0.0049 | orient\_error: 0.0098

Ep: 564 | done | Collision: 0 | ep\_r: 81.2 | step: 128 | pose\_error: 0.0007 | orient\_error: 0.0080

Ep: 565 | done | Collision: 0 | ep\_r: 80.8 | step: 130 | pose\_error: 0.0046 | orient\_error: 0.0057

Ep: 566 | done | Collision: 0 | ep\_r: 82.1 | step: 136 | pose\_error: 0.0036 | orient\_error: 0.0084

Ep: 567 | done | Collision: 0 | ep\_r: 83.1 | step: 132 | pose\_error: 0.0018 | orient\_error: 0.0071

Ep: 568 | done | Collision: 0 | ep\_r: 80.3 | step: 129 | pose\_error: 0.0019 | orient\_error: 0.0079

Ep: 569 | done | Collision: 0 | ep\_r: 79.8 | step: 131 | pose\_error: 0.0007 | orient\_error: 0.0039

Ep: 570 | done | Collision: 0 | ep\_r: 80.4 | step: 128 | pose\_error: 0.0057 | orient\_error: 0.0111

Ep: 571 | done | Collision: 0 | ep\_r: 80.6 | step: 127 | pose\_error: 0.0027 | orient\_error: 0.0070

Ep: 572 | done | Collision: 0 | ep\_r: 79.8 | step: 125 | pose\_error: 0.0053 | orient\_error: 0.0111

Ep: 573 | done | Collision: 0 | ep\_r: 81.5 | step: 130 | pose\_error: 0.0036 | orient\_error: 0.0055

Ep: 574 | done | Collision: 0 | ep\_r: 77.9 | step: 124 | pose\_error: 0.0036 | orient\_error: 0.0113

Ep: 575 | done | Collision: 0 | ep\_r: 79.7 | step: 126 | pose\_error: 0.0044 | orient\_error: 0.0103

Ep: 576 | done | Collision: 0 | ep\_r: 81.6 | step: 131 | pose\_error: 0.0017 | orient\_error: 0.0113

Ep: 577 | done | Collision: 0 | ep\_r: 80.2 | step: 128 | pose\_error: 0.0046 | orient\_error: 0.0123

Ep: 578 | done | Collision: 0 | ep\_r: 81.9 | step: 135 | pose\_error: 0.0014 | orient\_error: 0.0083

Ep: 579 | done | Collision: 0 | ep\_r: 114.4 | step: 166 | pose\_error: 0.0022 | orient\_error: 0.0169

Ep: 580 | done | Collision: 0 | ep\_r: 79.3 | step: 128 | pose\_error: 0.0065 | orient\_error: 0.0102

Ep: 581 | done | Collision: 0 | ep\_r: 78.7 | step: 132 | pose\_error: 0.0073 | orient\_error: 0.0101

Ep: 582 | done | Collision: 0 | ep\_r: 75.5 | step: 126 | pose\_error: 0.0023 | orient\_error: 0.0111

Ep: 583 | done | Collision: 0 | ep\_r: 81.4 | step: 133 | pose\_error: 0.0042 | orient\_error: 0.0078

Ep: 584 | done | Collision: 0 | ep\_r: 76.0 | step: 125 | pose\_error: 0.0016 | orient\_error: 0.0095

Ep: 585 | done | Collision: 0 | ep\_r: 82.1 | step: 129 | pose\_error: 0.0017 | orient\_error: 0.0167

Ep: 586 | done | Collision: 0 | ep\_r: 82.5 | step: 132 | pose\_error: 0.0015 | orient\_error: 0.0112

Ep: 587 | done | Collision: 0 | ep\_r: 79.7 | step: 132 | pose\_error: 0.0061 | orient\_error: 0.0094

Ep: 588 | done | Collision: 0 | ep\_r: 81.7 | step: 135 | pose\_error: 0.0041 | orient\_error: 0.0138

Ep: 589 | done | Collision: 0 | ep\_r: 79.2 | step: 129 | pose\_error: 0.0071 | orient\_error: 0.0110

Ep: 590 | done | Collision: 0 | ep\_r: 79.4 | step: 130 | pose\_error: 0.0066 | orient\_error: 0.0125

Ep: 591 | done | Collision: 0 | ep\_r: 78.9 | step: 126 | pose\_error: 0.0036 | orient\_error: 0.0167

Ep: 592 | done | Collision: 0 | ep\_r: 78.0 | step: 131 | pose\_error: 0.0055 | orient\_error: 0.0153

Ep: 593 | done | Collision: 0 | ep\_r: 80.9 | step: 134 | pose\_error: 0.0062 | orient\_error: 0.0089

Ep: 594 | done | Collision: 0 | ep\_r: 77.1 | step: 126 | pose\_error: 0.0064 | orient\_error: 0.0127

Ep: 595 | done | Collision: 0 | ep\_r: 80.1 | step: 134 | pose\_error: 0.0050 | orient\_error: 0.0147

Ep: 596 | done | Collision: 0 | ep\_r: 85.6 | step: 140 | pose\_error: 0.0042 | orient\_error: 0.0055

Ep: 597 | done | Collision: 0 | ep\_r: 81.5 | step: 135 | pose\_error: 0.0038 | orient\_error: 0.0193

Ep: 598 | done | Collision: 0 | ep\_r: 85.0 | step: 137 | pose\_error: 0.0035 | orient\_error: 0.0067

Ep: 599 | done | Collision: 0 | ep\_r: 73.1 | step: 121 | pose\_error: 0.0034 | orient\_error: 0.0153

Ep: 600 | done | Collision: 0 | ep\_r: 79.9 | step: 131 | pose\_error: 0.0016 | orient\_error: 0.0106

Ep: 601 | done | Collision: 0 | ep\_r: 82.6 | step: 136 | pose\_error: 0.0027 | orient\_error: 0.0101

Ep: 602 | done | Collision: 0 | ep\_r: 87.6 | step: 146 | pose\_error: 0.0060 | orient\_error: 0.0108

Ep: 603 | done | Collision: 0 | ep\_r: 82.7 | step: 135 | pose\_error: 0.0021 | orient\_error: 0.0096

Ep: 604 | done | Collision: 0 | ep\_r: 107.2 | step: 200 | pose\_error: 0.0044 | orient\_error: 0.0119

Ep: 605 | done | Collision: 0 | ep\_r: 79.0 | step: 127 | pose\_error: 0.0068 | orient\_error: 0.0094

Ep: 606 | done | Collision: 0 | ep\_r: 83.9 | step: 137 | pose\_error: 0.0036 | orient\_error: 0.0117

Ep: 607 | done | Collision: 0 | ep\_r: 84.1 | step: 138 | pose\_error: 0.0034 | orient\_error: 0.0114

Ep: 608 | done | Collision: 0 | ep\_r: 82.0 | step: 139 | pose\_error: 0.0037 | orient\_error: 0.0129

Ep: 609 | done | Collision: 0 | ep\_r: 81.2 | step: 135 | pose\_error: 0.0040 | orient\_error: 0.0114

Ep: 610 | done | Collision: 0 | ep\_r: 81.0 | step: 132 | pose\_error: 0.0034 | orient\_error: 0.0059

Ep: 611 | done | Collision: 0 | ep\_r: 81.4 | step: 127 | pose\_error: 0.0028 | orient\_error: 0.0150

Ep: 612 | done | Collision: 0 | ep\_r: 94.5 | step: 146 | pose\_error: 0.0018 | orient\_error: 0.0085

Ep: 613 | done | Collision: 0 | ep\_r: 80.9 | step: 133 | pose\_error: 0.0049 | orient\_error: 0.0116

Ep: 614 | done | Collision: 0 | ep\_r: 79.2 | step: 130 | pose\_error: 0.0018 | orient\_error: 0.0117

Ep: 615 | done | Collision: 0 | ep\_r: 81.6 | step: 127 | pose\_error: 0.0043 | orient\_error: 0.0089

Ep: 616 | done | Collision: 0 | ep\_r: 148.3 | step: 186 | pose\_error: 0.0053 | orient\_error: 0.0102

Ep: 617 | done | Collision: 0 | ep\_r: 83.2 | step: 139 | pose\_error: 0.0047 | orient\_error: 0.0121

Ep: 618 | done | Collision: 0 | ep\_r: 147.8 | step: 190 | pose\_error: 0.0045 | orient\_error: 0.0085

Ep: 619 | done | Collision: 0 | ep\_r: 81.6 | step: 133 | pose\_error: 0.0047 | orient\_error: 0.0112

Ep: 620 | done | Collision: 0 | ep\_r: 83.5 | step: 139 | pose\_error: 0.0012 | orient\_error: 0.0124

Ep: 621 | done | Collision: 0 | ep\_r: 79.1 | step: 129 | pose\_error: 0.0079 | orient\_error: 0.0131

Ep: 622 | done | Collision: 0 | ep\_r: 80.9 | step: 130 | pose\_error: 0.0049 | orient\_error: 0.0139

Ep: 623 | done | Collision: 0 | ep\_r: 78.0 | step: 128 | pose\_error: 0.0034 | orient\_error: 0.0096

Ep: 624 | done | Collision: 0 | ep\_r: 83.5 | step: 138 | pose\_error: 0.0063 | orient\_error: 0.0084

Ep: 625 | done | Collision: 0 | ep\_r: 83.1 | step: 134 | pose\_error: 0.0066 | orient\_error: 0.0076

Ep: 626 | done | Collision: 0 | ep\_r: 94.5 | step: 154 | pose\_error: 0.0035 | orient\_error: 0.0108

Ep: 627 | done | Collision: 0 | ep\_r: 80.1 | step: 128 | pose\_error: 0.0044 | orient\_error: 0.0183

Ep: 628 | done | Collision: 0 | ep\_r: 75.7 | step: 125 | pose\_error: 0.0051 | orient\_error: 0.0144

Ep: 629 | done | Collision: 0 | ep\_r: 141.0 | step: 178 | pose\_error: 0.0035 | orient\_error: 0.0153

Ep: 630 | done | Collision: 0 | ep\_r: 147.8 | step: 220 | pose\_error: 0.0045 | orient\_error: 0.0086

Ep: 631 | done | Collision: 0 | ep\_r: 77.8 | step: 129 | pose\_error: 0.0049 | orient\_error: 0.0107

Ep: 632 | done | Collision: 0 | ep\_r: 80.3 | step: 126 | pose\_error: 0.0017 | orient\_error: 0.0094

Ep: 633 | done | Collision: 0 | ep\_r: 80.2 | step: 129 | pose\_error: 0.0046 | orient\_error: 0.0144

Ep: 634 | done | Collision: 0 | ep\_r: 80.0 | step: 133 | pose\_error: 0.0045 | orient\_error: 0.0155

Ep: 635 | done | Collision: 0 | ep\_r: 78.6 | step: 125 | pose\_error: 0.0029 | orient\_error: 0.0092

Ep: 636 | done | Collision: 0 | ep\_r: 123.6 | step: 166 | pose\_error: 0.0039 | orient\_error: 0.0111

Ep: 637 | done | Collision: 0 | ep\_r: 167.4 | step: 203 | pose\_error: 0.0059 | orient\_error: 0.0070

Ep: 638 | done | Collision: 0 | ep\_r: 80.9 | step: 130 | pose\_error: 0.0037 | orient\_error: 0.0067

Ep: 639 | done | Collision: 0 | ep\_r: 81.0 | step: 131 | pose\_error: 0.0042 | orient\_error: 0.0113

Ep: 640 | done | Collision: 0 | ep\_r: 78.2 | step: 126 | pose\_error: 0.0035 | orient\_error: 0.0104

Ep: 641 | done | Collision: 0 | ep\_r: 76.6 | step: 122 | pose\_error: 0.0041 | orient\_error: 0.0136

Ep: 642 | done | Collision: 0 | ep\_r: 125.4 | step: 171 | pose\_error: 0.0056 | orient\_error: 0.0065

Ep: 643 | done | Collision: 0 | ep\_r: 75.0 | step: 125 | pose\_error: 0.0026 | orient\_error: 0.0081

Ep: 644 | done | Collision: 0 | ep\_r: 81.1 | step: 138 | pose\_error: 0.0077 | orient\_error: 0.0087

Ep: 645 | done | Collision: 0 | ep\_r: 82.0 | step: 131 | pose\_error: 0.0063 | orient\_error: 0.0130

Ep: 646 | done | Collision: 0 | ep\_r: 76.6 | step: 124 | pose\_error: 0.0072 | orient\_error: 0.0068

Ep: 647 | done | Collision: 0 | ep\_r: 81.6 | step: 132 | pose\_error: 0.0053 | orient\_error: 0.0156

Ep: 648 | done | Collision: 0 | ep\_r: 80.2 | step: 125 | pose\_error: 0.0044 | orient\_error: 0.0061

Ep: 649 | done | Collision: 0 | ep\_r: 129.8 | step: 168 | pose\_error: 0.0037 | orient\_error: 0.0094

Ep: 650 | done | Collision: 0 | ep\_r: 88.6 | step: 155 | pose\_error: 0.0048 | orient\_error: 0.0106

Ep: 651 | done | Collision: 0 | ep\_r: 76.8 | step: 125 | pose\_error: 0.0036 | orient\_error: 0.0142

Ep: 652 | done | Collision: 0 | ep\_r: 82.6 | step: 138 | pose\_error: 0.0048 | orient\_error: 0.0133

Ep: 653 | done | Collision: 0 | ep\_r: 125.9 | step: 176 | pose\_error: 0.0023 | orient\_error: 0.0078

Ep: 654 | done | Collision: 0 | ep\_r: 101.4 | step: 150 | pose\_error: 0.0031 | orient\_error: 0.0129

Ep: 655 | done | Collision: 0 | ep\_r: 80.3 | step: 136 | pose\_error: 0.0053 | orient\_error: 0.0105

Ep: 656 | done | Collision: 0 | ep\_r: 78.0 | step: 132 | pose\_error: 0.0077 | orient\_error: 0.0109

Ep: 657 | done | Collision: 0 | ep\_r: 76.5 | step: 127 | pose\_error: 0.0061 | orient\_error: 0.0055

Ep: 658 | done | Collision: 0 | ep\_r: 80.8 | step: 134 | pose\_error: 0.0045 | orient\_error: 0.0100

Ep: 659 | done | Collision: 0 | ep\_r: 83.6 | step: 137 | pose\_error: 0.0030 | orient\_error: 0.0060

Ep: 660 | done | Collision: 0 | ep\_r: 80.7 | step: 132 | pose\_error: 0.0062 | orient\_error: 0.0146

Ep: 661 | done | Collision: 0 | ep\_r: 107.0 | step: 153 | pose\_error: 0.0045 | orient\_error: 0.0189

Ep: 662 | done | Collision: 0 | ep\_r: 81.0 | step: 132 | pose\_error: 0.0060 | orient\_error: 0.0077

Ep: 663 | done | Collision: 0 | ep\_r: 79.0 | step: 128 | pose\_error: 0.0047 | orient\_error: 0.0105

Ep: 664 | done | Collision: 0 | ep\_r: 75.9 | step: 123 | pose\_error: 0.0069 | orient\_error: 0.0116

Ep: 665 | done | Collision: 0 | ep\_r: 78.9 | step: 128 | pose\_error: 0.0023 | orient\_error: 0.0052

Ep: 666 | done | Collision: 0 | ep\_r: 77.9 | step: 128 | pose\_error: 0.0068 | orient\_error: 0.0049

Ep: 667 | done | Collision: 0 | ep\_r: 130.6 | step: 175 | pose\_error: 0.0049 | orient\_error: 0.0126

Ep: 668 | done | Collision: 0 | ep\_r: 213.2 | step: 265 | pose\_error: 0.0026 | orient\_error: 0.0129

Ep: 669 | done | Collision: 0 | ep\_r: 80.7 | step: 131 | pose\_error: 0.0052 | orient\_error: 0.0088

Ep: 670 | done | Collision: 0 | ep\_r: 78.8 | step: 133 | pose\_error: 0.0043 | orient\_error: 0.0023

Ep: 671 | done | Collision: 0 | ep\_r: 84.2 | step: 144 | pose\_error: 0.0071 | orient\_error: 0.0101

Ep: 672 | done | Collision: 0 | ep\_r: 87.6 | step: 152 | pose\_error: 0.0035 | orient\_error: 0.0134

Ep: 673 | done | Collision: 0 | ep\_r: 106.3 | step: 155 | pose\_error: 0.0027 | orient\_error: 0.0115

Ep: 674 | done | Collision: 0 | ep\_r: 81.6 | step: 132 | pose\_error: 0.0037 | orient\_error: 0.0095

Ep: 675 | done | Collision: 0 | ep\_r: 79.1 | step: 131 | pose\_error: 0.0043 | orient\_error: 0.0109

Ep: 676 | done | Collision: 0 | ep\_r: 111.2 | step: 162 | pose\_error: 0.0074 | orient\_error: 0.0088

Ep: 677 | done | Collision: 0 | ep\_r: 86.7 | step: 146 | pose\_error: 0.0049 | orient\_error: 0.0104

Ep: 678 | done | Collision: 0 | ep\_r: 84.9 | step: 138 | pose\_error: 0.0043 | orient\_error: 0.0053

Ep: 679 | done | Collision: 0 | ep\_r: 82.1 | step: 134 | pose\_error: 0.0063 | orient\_error: 0.0074

Ep: 680 | done | Collision: 0 | ep\_r: 82.4 | step: 129 | pose\_error: 0.0027 | orient\_error: 0.0113

Ep: 681 | done | Collision: 0 | ep\_r: 89.9 | step: 154 | pose\_error: 0.0040 | orient\_error: 0.0097

Ep: 682 | done | Collision: 0 | ep\_r: 78.4 | step: 128 | pose\_error: 0.0007 | orient\_error: 0.0158

Ep: 683 | done | Collision: 0 | ep\_r: 80.6 | step: 128 | pose\_error: 0.0033 | orient\_error: 0.0088

Ep: 684 | done | Collision: 0 | ep\_r: 82.4 | step: 133 | pose\_error: 0.0046 | orient\_error: 0.0100

Ep: 685 | done | Collision: 0 | ep\_r: 79.6 | step: 126 | pose\_error: 0.0018 | orient\_error: 0.0051

Ep: 686 | done | Collision: 0 | ep\_r: 80.4 | step: 130 | pose\_error: 0.0032 | orient\_error: 0.0063

Ep: 687 | done | Collision: 0 | ep\_r: 80.5 | step: 130 | pose\_error: 0.0033 | orient\_error: 0.0108

Ep: 688 | done | Collision: 0 | ep\_r: 79.5 | step: 130 | pose\_error: 0.0041 | orient\_error: 0.0117

Ep: 689 | done | Collision: 0 | ep\_r: 93.6 | step: 137 | pose\_error: 0.0041 | orient\_error: 0.0179

Ep: 690 | done | Collision: 0 | ep\_r: 141.2 | step: 174 | pose\_error: 0.0047 | orient\_error: 0.0129

Ep: 691 | done | Collision: 0 | ep\_r: 106.9 | step: 150 | pose\_error: 0.0013 | orient\_error: 0.0016

Ep: 692 | done | Collision: 0 | ep\_r: 78.7 | step: 125 | pose\_error: 0.0042 | orient\_error: 0.0067

Ep: 693 | done | Collision: 0 | ep\_r: 79.9 | step: 128 | pose\_error: 0.0046 | orient\_error: 0.0070

Ep: 694 | done | Collision: 0 | ep\_r: 81.9 | step: 133 | pose\_error: 0.0041 | orient\_error: 0.0144

Ep: 695 | done | Collision: 0 | ep\_r: 83.2 | step: 136 | pose\_error: 0.0047 | orient\_error: 0.0124

Ep: 696 | done | Collision: 0 | ep\_r: 82.2 | step: 134 | pose\_error: 0.0042 | orient\_error: 0.0102

Ep: 697 | done | Collision: 0 | ep\_r: 83.1 | step: 130 | pose\_error: 0.0051 | orient\_error: 0.0081

Ep: 698 | done | Collision: 0 | ep\_r: 201.9 | step: 290 | pose\_error: 0.0061 | orient\_error: 0.0162

Ep: 699 | done | Collision: 0 | ep\_r: 84.4 | step: 142 | pose\_error: 0.0039 | orient\_error: 0.0069

Ep: 700 | done | Collision: 0 | ep\_r: 80.4 | step: 136 | pose\_error: 0.0031 | orient\_error: 0.0054

Ep: 701 | done | Collision: 0 | ep\_r: 81.9 | step: 132 | pose\_error: 0.0083 | orient\_error: 0.0060

Ep: 702 | done | Collision: 0 | ep\_r: 132.1 | step: 174 | pose\_error: 0.0035 | orient\_error: 0.0155

Ep: 703 | done | Collision: 0 | ep\_r: 85.4 | step: 143 | pose\_error: 0.0029 | orient\_error: 0.0027

Ep: 704 | done | Collision: 0 | ep\_r: 137.6 | step: 221 | pose\_error: 0.0036 | orient\_error: 0.0097

Ep: 705 | done | Collision: 0 | ep\_r: 82.6 | step: 139 | pose\_error: 0.0026 | orient\_error: 0.0099

Ep: 706 | done | Collision: 0 | ep\_r: 99.6 | step: 144 | pose\_error: 0.0040 | orient\_error: 0.0073

Ep: 707 | done | Collision: 0 | ep\_r: 83.1 | step: 141 | pose\_error: 0.0052 | orient\_error: 0.0054

Ep: 708 | --- | Collision: 0 | ep\_r: 219.6 | step: 300 | pose\_error: 0.0050 | orient\_error: 0.0096

Ep: 709 | done | Collision: 0 | ep\_r: 80.1 | step: 129 | pose\_error: 0.0039 | orient\_error: 0.0171

Ep: 710 | done | Collision: 0 | ep\_r: 85.5 | step: 143 | pose\_error: 0.0038 | orient\_error: 0.0089

Ep: 711 | done | Collision: 0 | ep\_r: 84.7 | step: 139 | pose\_error: 0.0004 | orient\_error: 0.0106

Ep: 712 | done | Collision: 0 | ep\_r: 88.6 | step: 158 | pose\_error: 0.0033 | orient\_error: 0.0085

Ep: 713 | done | Collision: 0 | ep\_r: 86.9 | step: 151 | pose\_error: 0.0021 | orient\_error: 0.0086

Ep: 714 | done | Collision: 0 | ep\_r: 147.5 | step: 191 | pose\_error: 0.0015 | orient\_error: 0.0127

Ep: 715 | done | Collision: 0 | ep\_r: 183.6 | step: 243 | pose\_error: 0.0069 | orient\_error: 0.0141

Ep: 716 | done | Collision: 0 | ep\_r: 79.5 | step: 132 | pose\_error: 0.0044 | orient\_error: 0.0203

Ep: 717 | done | Collision: 0 | ep\_r: 83.7 | step: 137 | pose\_error: 0.0016 | orient\_error: 0.0100

Ep: 718 | done | Collision: 0 | ep\_r: 81.8 | step: 137 | pose\_error: 0.0038 | orient\_error: 0.0062

Ep: 719 | done | Collision: 0 | ep\_r: 78.9 | step: 128 | pose\_error: 0.0025 | orient\_error: 0.0177

Ep: 720 | done | Collision: 0 | ep\_r: 172.2 | step: 215 | pose\_error: 0.0062 | orient\_error: 0.0149

Ep: 721 | done | Collision: 0 | ep\_r: 91.7 | step: 160 | pose\_error: 0.0051 | orient\_error: 0.0148

Ep: 722 | done | Collision: 0 | ep\_r: 83.6 | step: 134 | pose\_error: 0.0043 | orient\_error: 0.0144

Ep: 723 | done | Collision: 0 | ep\_r: 87.4 | step: 147 | pose\_error: 0.0048 | orient\_error: 0.0079

Ep: 724 | done | Collision: 0 | ep\_r: 81.8 | step: 131 | pose\_error: 0.0029 | orient\_error: 0.0180

Ep: 725 | done | Collision: 0 | ep\_r: 80.1 | step: 132 | pose\_error: 0.0052 | orient\_error: 0.0056

Ep: 726 | done | Collision: 0 | ep\_r: 80.5 | step: 129 | pose\_error: 0.0019 | orient\_error: 0.0084

Ep: 727 | done | Collision: 0 | ep\_r: 81.8 | step: 135 | pose\_error: 0.0021 | orient\_error: 0.0145

Ep: 728 | done | Collision: 0 | ep\_r: 126.1 | step: 188 | pose\_error: 0.0044 | orient\_error: 0.0112

Ep: 729 | done | Collision: 0 | ep\_r: 136.9 | step: 181 | pose\_error: 0.0034 | orient\_error: 0.0077

Ep: 730 | done | Collision: 0 | ep\_r: 80.1 | step: 132 | pose\_error: 0.0052 | orient\_error: 0.0038

Ep: 731 | done | Collision: 0 | ep\_r: 78.8 | step: 126 | pose\_error: 0.0019 | orient\_error: 0.0085

Ep: 732 | done | Collision: 0 | ep\_r: 79.6 | step: 128 | pose\_error: 0.0037 | orient\_error: 0.0123

Ep: 733 | done | Collision: 0 | ep\_r: 81.0 | step: 127 | pose\_error: 0.0022 | orient\_error: 0.0090

Ep: 734 | done | Collision: 0 | ep\_r: 80.7 | step: 132 | pose\_error: 0.0061 | orient\_error: 0.0097

Ep: 735 | done | Collision: 0 | ep\_r: 121.7 | step: 166 | pose\_error: 0.0040 | orient\_error: 0.0063

Ep: 736 | done | Collision: 0 | ep\_r: 76.3 | step: 124 | pose\_error: 0.0033 | orient\_error: 0.0091

Ep: 737 | done | Collision: 0 | ep\_r: 81.2 | step: 129 | pose\_error: 0.0038 | orient\_error: 0.0102

Ep: 738 | done | Collision: 0 | ep\_r: 81.7 | step: 132 | pose\_error: 0.0044 | orient\_error: 0.0123

Ep: 739 | done | Collision: 0 | ep\_r: 103.3 | step: 142 | pose\_error: 0.0027 | orient\_error: 0.0083

Ep: 740 | done | Collision: 0 | ep\_r: 80.9 | step: 132 | pose\_error: 0.0049 | orient\_error: 0.0193

Ep: 741 | done | Collision: 0 | ep\_r: 79.8 | step: 132 | pose\_error: 0.0045 | orient\_error: 0.0077

Ep: 742 | done | Collision: 0 | ep\_r: 79.5 | step: 128 | pose\_error: 0.0048 | orient\_error: 0.0104

Ep: 743 | done | Collision: 0 | ep\_r: 111.9 | step: 165 | pose\_error: 0.0042 | orient\_error: 0.0109

Ep: 744 | done | Collision: 0 | ep\_r: 80.1 | step: 126 | pose\_error: 0.0029 | orient\_error: 0.0068

Ep: 745 | done | Collision: 0 | ep\_r: 81.6 | step: 130 | pose\_error: 0.0070 | orient\_error: 0.0065

Ep: 746 | done | Collision: 0 | ep\_r: 78.5 | step: 129 | pose\_error: 0.0047 | orient\_error: 0.0059

Ep: 747 | --- | Collision: 0 | ep\_r: 275.6 | step: 300 | pose\_error: 0.0077 | orient\_error: 0.0055

Ep: 748 | done | Collision: 0 | ep\_r: 80.0 | step: 129 | pose\_error: 0.0024 | orient\_error: 0.0092

Ep: 749 | done | Collision: 0 | ep\_r: 81.2 | step: 133 | pose\_error: 0.0046 | orient\_error: 0.0105

Ep: 750 | done | Collision: 0 | ep\_r: 82.3 | step: 133 | pose\_error: 0.0045 | orient\_error: 0.0070

Ep: 751 | done | Collision: 0 | ep\_r: 79.3 | step: 125 | pose\_error: 0.0042 | orient\_error: 0.0081

Ep: 752 | done | Collision: 0 | ep\_r: 80.7 | step: 126 | pose\_error: 0.0024 | orient\_error: 0.0051

Ep: 753 | done | Collision: 0 | ep\_r: 80.2 | step: 127 | pose\_error: 0.0008 | orient\_error: 0.0091

Ep: 754 | done | Collision: 0 | ep\_r: 148.2 | step: 179 | pose\_error: 0.0023 | orient\_error: 0.0078

Ep: 755 | done | Collision: 0 | ep\_r: 80.9 | step: 131 | pose\_error: 0.0045 | orient\_error: 0.0099

Ep: 756 | done | Collision: 0 | ep\_r: 78.5 | step: 125 | pose\_error: 0.0017 | orient\_error: 0.0075

Ep: 757 | done | Collision: 0 | ep\_r: 80.9 | step: 130 | pose\_error: 0.0050 | orient\_error: 0.0082

Ep: 758 | done | Collision: 0 | ep\_r: 79.7 | step: 125 | pose\_error: 0.0035 | orient\_error: 0.0067

Ep: 759 | done | Collision: 0 | ep\_r: 79.0 | step: 124 | pose\_error: 0.0051 | orient\_error: 0.0100

Ep: 760 | done | Collision: 0 | ep\_r: 80.8 | step: 132 | pose\_error: 0.0013 | orient\_error: 0.0080

Ep: 761 | done | Collision: 0 | ep\_r: 80.0 | step: 130 | pose\_error: 0.0062 | orient\_error: 0.0074

Ep: 762 | done | Collision: 0 | ep\_r: 81.1 | step: 131 | pose\_error: 0.0065 | orient\_error: 0.0022

Ep: 763 | done | Collision: 0 | ep\_r: 80.6 | step: 124 | pose\_error: 0.0019 | orient\_error: 0.0045

Ep: 764 | done | Collision: 0 | ep\_r: 78.0 | step: 125 | pose\_error: 0.0055 | orient\_error: 0.0023

Ep: 765 | done | Collision: 0 | ep\_r: 80.6 | step: 130 | pose\_error: 0.0024 | orient\_error: 0.0069

Ep: 766 | done | Collision: 0 | ep\_r: 80.7 | step: 131 | pose\_error: 0.0023 | orient\_error: 0.0086

Ep: 767 | done | Collision: 0 | ep\_r: 86.0 | step: 141 | pose\_error: 0.0031 | orient\_error: 0.0053

Ep: 768 | done | Collision: 0 | ep\_r: 80.6 | step: 127 | pose\_error: 0.0014 | orient\_error: 0.0043

Ep: 769 | done | Collision: 0 | ep\_r: 80.0 | step: 125 | pose\_error: 0.0045 | orient\_error: 0.0098

Ep: 770 | done | Collision: 0 | ep\_r: 80.7 | step: 130 | pose\_error: 0.0032 | orient\_error: 0.0112

Ep: 771 | done | Collision: 0 | ep\_r: 105.8 | step: 154 | pose\_error: 0.0066 | orient\_error: 0.0078

Ep: 772 | done | Collision: 0 | ep\_r: 80.2 | step: 126 | pose\_error: 0.0038 | orient\_error: 0.0077

Ep: 773 | done | Collision: 0 | ep\_r: 79.4 | step: 128 | pose\_error: 0.0035 | orient\_error: 0.0030

Ep: 774 | done | Collision: 0 | ep\_r: 80.9 | step: 127 | pose\_error: 0.0034 | orient\_error: 0.0059

Ep: 775 | done | Collision: 0 | ep\_r: 78.2 | step: 123 | pose\_error: 0.0050 | orient\_error: 0.0117

Ep: 776 | done | Collision: 0 | ep\_r: 81.9 | step: 129 | pose\_error: 0.0070 | orient\_error: 0.0016

Ep: 777 | done | Collision: 0 | ep\_r: 83.7 | step: 134 | pose\_error: 0.0019 | orient\_error: 0.0056

Ep: 778 | done | Collision: 0 | ep\_r: 79.3 | step: 131 | pose\_error: 0.0067 | orient\_error: 0.0098

Ep: 779 | done | Collision: 0 | ep\_r: 80.3 | step: 127 | pose\_error: 0.0018 | orient\_error: 0.0047

Ep: 780 | done | Collision: 0 | ep\_r: 81.6 | step: 132 | pose\_error: 0.0039 | orient\_error: 0.0109

Ep: 781 | done | Collision: 0 | ep\_r: 79.9 | step: 129 | pose\_error: 0.0031 | orient\_error: 0.0028

Ep: 782 | done | Collision: 0 | ep\_r: 79.9 | step: 126 | pose\_error: 0.0059 | orient\_error: 0.0047

Ep: 783 | done | Collision: 0 | ep\_r: 78.3 | step: 127 | pose\_error: 0.0052 | orient\_error: 0.0053

Ep: 784 | done | Collision: 0 | ep\_r: 78.4 | step: 123 | pose\_error: 0.0043 | orient\_error: 0.0082

Ep: 785 | done | Collision: 0 | ep\_r: 81.2 | step: 131 | pose\_error: 0.0054 | orient\_error: 0.0104

Ep: 786 | done | Collision: 0 | ep\_r: 80.8 | step: 129 | pose\_error: 0.0020 | orient\_error: 0.0020

Ep: 787 | done | Collision: 0 | ep\_r: 81.9 | step: 130 | pose\_error: 0.0041 | orient\_error: 0.0064

Ep: 788 | done | Collision: 0 | ep\_r: 80.9 | step: 131 | pose\_error: 0.0036 | orient\_error: 0.0075

Ep: 789 | done | Collision: 0 | ep\_r: 81.1 | step: 134 | pose\_error: 0.0030 | orient\_error: 0.0039

Ep: 790 | done | Collision: 0 | ep\_r: 117.8 | step: 160 | pose\_error: 0.0030 | orient\_error: 0.0090

Ep: 791 | done | Collision: 0 | ep\_r: 81.0 | step: 134 | pose\_error: 0.0060 | orient\_error: 0.0076

Ep: 792 | done | Collision: 0 | ep\_r: 84.0 | step: 133 | pose\_error: 0.0022 | orient\_error: 0.0086

Ep: 793 | done | Collision: 0 | ep\_r: 81.7 | step: 137 | pose\_error: 0.0025 | orient\_error: 0.0102

Ep: 794 | done | Collision: 0 | ep\_r: 83.3 | step: 134 | pose\_error: 0.0008 | orient\_error: 0.0099

Ep: 795 | done | Collision: 0 | ep\_r: 82.3 | step: 130 | pose\_error: 0.0033 | orient\_error: 0.0124

Ep: 796 | done | Collision: 0 | ep\_r: 79.7 | step: 129 | pose\_error: 0.0043 | orient\_error: 0.0104

Ep: 797 | done | Collision: 0 | ep\_r: 78.6 | step: 129 | pose\_error: 0.0037 | orient\_error: 0.0029

Ep: 798 | done | Collision: 0 | ep\_r: 82.5 | step: 133 | pose\_error: 0.0032 | orient\_error: 0.0108

Ep: 799 | done | Collision: 0 | ep\_r: 81.5 | step: 131 | pose\_error: 0.0033 | orient\_error: 0.0052

Ep: 800 | done | Collision: 0 | ep\_r: 82.4 | step: 134 | pose\_error: 0.0023 | orient\_error: 0.0049

Ep: 801 | done | Collision: 0 | ep\_r: 82.4 | step: 136 | pose\_error: 0.0070 | orient\_error: 0.0103

Ep: 802 | done | Collision: 0 | ep\_r: 80.8 | step: 128 | pose\_error: 0.0032 | orient\_error: 0.0089

Ep: 803 | done | Collision: 0 | ep\_r: 78.6 | step: 124 | pose\_error: 0.0046 | orient\_error: 0.0076

Ep: 804 | done | Collision: 0 | ep\_r: 80.4 | step: 129 | pose\_error: 0.0026 | orient\_error: 0.0116

Ep: 805 | done | Collision: 0 | ep\_r: 78.6 | step: 125 | pose\_error: 0.0025 | orient\_error: 0.0067

Ep: 806 | done | Collision: 0 | ep\_r: 232.2 | step: 262 | pose\_error: 0.0050 | orient\_error: 0.0063

Ep: 807 | done | Collision: 0 | ep\_r: 80.1 | step: 131 | pose\_error: 0.0048 | orient\_error: 0.0065

Ep: 808 | done | Collision: 0 | ep\_r: 81.8 | step: 131 | pose\_error: 0.0032 | orient\_error: 0.0083

Ep: 809 | done | Collision: 0 | ep\_r: 80.4 | step: 129 | pose\_error: 0.0048 | orient\_error: 0.0107

Ep: 810 | done | Collision: 0 | ep\_r: 82.6 | step: 129 | pose\_error: 0.0026 | orient\_error: 0.0093

Ep: 811 | done | Collision: 0 | ep\_r: 80.9 | step: 133 | pose\_error: 0.0020 | orient\_error: 0.0043

Ep: 812 | done | Collision: 0 | ep\_r: 80.7 | step: 130 | pose\_error: 0.0039 | orient\_error: 0.0076

Ep: 813 | done | Collision: 0 | ep\_r: 81.5 | step: 134 | pose\_error: 0.0064 | orient\_error: 0.0031

Ep: 814 | done | Collision: 0 | ep\_r: 81.5 | step: 131 | pose\_error: 0.0029 | orient\_error: 0.0083

Ep: 815 | done | Collision: 0 | ep\_r: 84.0 | step: 130 | pose\_error: 0.0027 | orient\_error: 0.0024

Ep: 816 | done | Collision: 0 | ep\_r: 82.1 | step: 128 | pose\_error: 0.0033 | orient\_error: 0.0055

Ep: 817 | done | Collision: 0 | ep\_r: 80.1 | step: 130 | pose\_error: 0.0031 | orient\_error: 0.0070

Ep: 818 | done | Collision: 0 | ep\_r: 81.9 | step: 136 | pose\_error: 0.0059 | orient\_error: 0.0094

Ep: 819 | done | Collision: 0 | ep\_r: 80.4 | step: 128 | pose\_error: 0.0037 | orient\_error: 0.0076

Ep: 820 | done | Collision: 0 | ep\_r: 81.0 | step: 132 | pose\_error: 0.0056 | orient\_error: 0.0068

Ep: 821 | done | Collision: 0 | ep\_r: 81.8 | step: 131 | pose\_error: 0.0044 | orient\_error: 0.0069

Ep: 822 | done | Collision: 0 | ep\_r: 79.1 | step: 127 | pose\_error: 0.0033 | orient\_error: 0.0085

Ep: 823 | done | Collision: 0 | ep\_r: 80.9 | step: 131 | pose\_error: 0.0026 | orient\_error: 0.0035

Ep: 824 | done | Collision: 0 | ep\_r: 81.9 | step: 129 | pose\_error: 0.0015 | orient\_error: 0.0116

Ep: 825 | done | Collision: 0 | ep\_r: 80.1 | step: 130 | pose\_error: 0.0024 | orient\_error: 0.0037

Ep: 826 | done | Collision: 0 | ep\_r: 82.1 | step: 129 | pose\_error: 0.0030 | orient\_error: 0.0061

Ep: 827 | done | Collision: 0 | ep\_r: 79.8 | step: 128 | pose\_error: 0.0023 | orient\_error: 0.0064

Ep: 828 | done | Collision: 0 | ep\_r: 104.9 | step: 152 | pose\_error: 0.0041 | orient\_error: 0.0169

Ep: 829 | done | Collision: 0 | ep\_r: 81.3 | step: 131 | pose\_error: 0.0037 | orient\_error: 0.0068

Ep: 830 | done | Collision: 0 | ep\_r: 80.5 | step: 131 | pose\_error: 0.0031 | orient\_error: 0.0104

Ep: 831 | done | Collision: 0 | ep\_r: 82.8 | step: 130 | pose\_error: 0.0039 | orient\_error: 0.0072

Ep: 832 | done | Collision: 0 | ep\_r: 80.4 | step: 128 | pose\_error: 0.0052 | orient\_error: 0.0089

Ep: 833 | done | Collision: 0 | ep\_r: 81.8 | step: 128 | pose\_error: 0.0038 | orient\_error: 0.0064

Ep: 834 | done | Collision: 0 | ep\_r: 82.8 | step: 135 | pose\_error: 0.0053 | orient\_error: 0.0106

Ep: 835 | done | Collision: 0 | ep\_r: 81.7 | step: 132 | pose\_error: 0.0032 | orient\_error: 0.0078

Ep: 836 | done | Collision: 0 | ep\_r: 81.9 | step: 130 | pose\_error: 0.0048 | orient\_error: 0.0088

Ep: 837 | done | Collision: 0 | ep\_r: 80.9 | step: 130 | pose\_error: 0.0023 | orient\_error: 0.0089

Ep: 838 | done | Collision: 0 | ep\_r: 80.3 | step: 133 | pose\_error: 0.0044 | orient\_error: 0.0117

Ep: 839 | done | Collision: 0 | ep\_r: 83.0 | step: 133 | pose\_error: 0.0050 | orient\_error: 0.0140

Ep: 840 | done | Collision: 0 | ep\_r: 124.7 | step: 167 | pose\_error: 0.0040 | orient\_error: 0.0054

Ep: 841 | done | Collision: 0 | ep\_r: 83.5 | step: 136 | pose\_error: 0.0038 | orient\_error: 0.0067

Ep: 842 | done | Collision: 0 | ep\_r: 80.7 | step: 126 | pose\_error: 0.0052 | orient\_error: 0.0085

Ep: 843 | done | Collision: 0 | ep\_r: 79.1 | step: 125 | pose\_error: 0.0041 | orient\_error: 0.0102

Ep: 844 | done | Collision: 0 | ep\_r: 123.5 | step: 167 | pose\_error: 0.0020 | orient\_error: 0.0032

Ep: 845 | done | Collision: 0 | ep\_r: 80.6 | step: 127 | pose\_error: 0.0033 | orient\_error: 0.0090

Ep: 846 | done | Collision: 0 | ep\_r: 80.5 | step: 130 | pose\_error: 0.0038 | orient\_error: 0.0098

Ep: 847 | done | Collision: 0 | ep\_r: 82.1 | step: 132 | pose\_error: 0.0049 | orient\_error: 0.0105

Ep: 848 | done | Collision: 0 | ep\_r: 81.2 | step: 132 | pose\_error: 0.0066 | orient\_error: 0.0082

Ep: 849 | done | Collision: 0 | ep\_r: 82.6 | step: 135 | pose\_error: 0.0047 | orient\_error: 0.0047

Ep: 850 | done | Collision: 0 | ep\_r: 82.5 | step: 130 | pose\_error: 0.0040 | orient\_error: 0.0049

Ep: 851 | done | Collision: 0 | ep\_r: 82.9 | step: 134 | pose\_error: 0.0018 | orient\_error: 0.0125

Ep: 852 | done | Collision: 0 | ep\_r: 80.0 | step: 126 | pose\_error: 0.0031 | orient\_error: 0.0068

Ep: 853 | done | Collision: 0 | ep\_r: 79.5 | step: 132 | pose\_error: 0.0040 | orient\_error: 0.0151

Ep: 854 | done | Collision: 0 | ep\_r: 81.3 | step: 126 | pose\_error: 0.0023 | orient\_error: 0.0077

Ep: 855 | done | Collision: 0 | ep\_r: 82.3 | step: 129 | pose\_error: 0.0028 | orient\_error: 0.0112

Ep: 856 | done | Collision: 0 | ep\_r: 84.0 | step: 132 | pose\_error: 0.0025 | orient\_error: 0.0047

Ep: 857 | done | Collision: 0 | ep\_r: 80.9 | step: 127 | pose\_error: 0.0049 | orient\_error: 0.0051

Ep: 858 | done | Collision: 0 | ep\_r: 78.2 | step: 129 | pose\_error: 0.0031 | orient\_error: 0.0039

Ep: 859 | done | Collision: 0 | ep\_r: 81.4 | step: 133 | pose\_error: 0.0038 | orient\_error: 0.0058

Ep: 860 | done | Collision: 0 | ep\_r: 78.7 | step: 128 | pose\_error: 0.0034 | orient\_error: 0.0033

Ep: 861 | done | Collision: 0 | ep\_r: 83.7 | step: 133 | pose\_error: 0.0015 | orient\_error: 0.0017

Ep: 862 | done | Collision: 0 | ep\_r: 83.9 | step: 135 | pose\_error: 0.0040 | orient\_error: 0.0116

Ep: 863 | done | Collision: 0 | ep\_r: 83.3 | step: 134 | pose\_error: 0.0044 | orient\_error: 0.0045

Ep: 864 | done | Collision: 0 | ep\_r: 78.9 | step: 127 | pose\_error: 0.0055 | orient\_error: 0.0056

Ep: 865 | done | Collision: 0 | ep\_r: 80.8 | step: 128 | pose\_error: 0.0049 | orient\_error: 0.0061

Ep: 866 | done | Collision: 0 | ep\_r: 81.5 | step: 129 | pose\_error: 0.0019 | orient\_error: 0.0051

Ep: 867 | done | Collision: 0 | ep\_r: 79.9 | step: 132 | pose\_error: 0.0050 | orient\_error: 0.0108

Ep: 868 | done | Collision: 0 | ep\_r: 77.9 | step: 125 | pose\_error: 0.0025 | orient\_error: 0.0059

Ep: 869 | done | Collision: 0 | ep\_r: 78.9 | step: 128 | pose\_error: 0.0049 | orient\_error: 0.0066

Ep: 870 | done | Collision: 0 | ep\_r: 77.7 | step: 129 | pose\_error: 0.0053 | orient\_error: 0.0059

Ep: 871 | done | Collision: 0 | ep\_r: 81.0 | step: 132 | pose\_error: 0.0041 | orient\_error: 0.0011

Ep: 872 | done | Collision: 0 | ep\_r: 82.1 | step: 129 | pose\_error: 0.0026 | orient\_error: 0.0104

Ep: 873 | done | Collision: 0 | ep\_r: 79.3 | step: 128 | pose\_error: 0.0047 | orient\_error: 0.0093

Ep: 874 | done | Collision: 0 | ep\_r: 79.8 | step: 128 | pose\_error: 0.0022 | orient\_error: 0.0156

Ep: 875 | done | Collision: 0 | ep\_r: 82.3 | step: 131 | pose\_error: 0.0061 | orient\_error: 0.0126

Ep: 876 | done | Collision: 0 | ep\_r: 81.4 | step: 130 | pose\_error: 0.0072 | orient\_error: 0.0017

Ep: 877 | done | Collision: 0 | ep\_r: 80.1 | step: 131 | pose\_error: 0.0037 | orient\_error: 0.0083

Ep: 878 | done | Collision: 0 | ep\_r: 80.9 | step: 128 | pose\_error: 0.0062 | orient\_error: 0.0129

Ep: 879 | done | Collision: 0 | ep\_r: 80.8 | step: 131 | pose\_error: 0.0045 | orient\_error: 0.0073

Ep: 880 | done | Collision: 0 | ep\_r: 79.8 | step: 128 | pose\_error: 0.0021 | orient\_error: 0.0096

Ep: 881 | done | Collision: 0 | ep\_r: 79.4 | step: 125 | pose\_error: 0.0024 | orient\_error: 0.0061

Ep: 882 | done | Collision: 0 | ep\_r: 79.5 | step: 128 | pose\_error: 0.0015 | orient\_error: 0.0101

Ep: 883 | done | Collision: 0 | ep\_r: 79.6 | step: 127 | pose\_error: 0.0056 | orient\_error: 0.0049

Ep: 884 | done | Collision: 0 | ep\_r: 78.8 | step: 126 | pose\_error: 0.0063 | orient\_error: 0.0082

Ep: 885 | done | Collision: 0 | ep\_r: 81.3 | step: 125 | pose\_error: 0.0021 | orient\_error: 0.0042

Ep: 886 | done | Collision: 0 | ep\_r: 76.2 | step: 129 | pose\_error: 0.0039 | orient\_error: 0.0061

Ep: 887 | done | Collision: 0 | ep\_r: 82.4 | step: 137 | pose\_error: 0.0024 | orient\_error: 0.0120

Ep: 888 | done | Collision: 0 | ep\_r: 79.7 | step: 130 | pose\_error: 0.0035 | orient\_error: 0.0167

Ep: 889 | done | Collision: 0 | ep\_r: 79.2 | step: 131 | pose\_error: 0.0027 | orient\_error: 0.0118

Ep: 890 | done | Collision: 0 | ep\_r: 91.3 | step: 162 | pose\_error: 0.0013 | orient\_error: 0.0139

Ep: 891 | done | Collision: 0 | ep\_r: 79.6 | step: 134 | pose\_error: 0.0042 | orient\_error: 0.0071

Ep: 892 | done | Collision: 0 | ep\_r: 80.0 | step: 129 | pose\_error: 0.0034 | orient\_error: 0.0038

Ep: 893 | done | Collision: 0 | ep\_r: 79.6 | step: 129 | pose\_error: 0.0032 | orient\_error: 0.0066

Ep: 894 | done | Collision: 0 | ep\_r: 78.9 | step: 134 | pose\_error: 0.0053 | orient\_error: 0.0111

Ep: 895 | done | Collision: 0 | ep\_r: 92.1 | step: 156 | pose\_error: 0.0011 | orient\_error: 0.0065

Ep: 896 | done | Collision: 0 | ep\_r: 76.2 | step: 131 | pose\_error: 0.0051 | orient\_error: 0.0078

Ep: 897 | done | Collision: 0 | ep\_r: 79.6 | step: 129 | pose\_error: 0.0030 | orient\_error: 0.0069

Ep: 898 | done | Collision: 0 | ep\_r: 79.5 | step: 130 | pose\_error: 0.0055 | orient\_error: 0.0058

Ep: 899 | done | Collision: 0 | ep\_r: 78.1 | step: 131 | pose\_error: 0.0048 | orient\_error: 0.0089

Ep: 900 | done | Collision: 0 | ep\_r: 76.9 | step: 123 | pose\_error: 0.0021 | orient\_error: 0.0060

Ep: 901 | done | Collision: 0 | ep\_r: 79.7 | step: 126 | pose\_error: 0.0032 | orient\_error: 0.0061

Ep: 902 | done | Collision: 0 | ep\_r: 78.6 | step: 126 | pose\_error: 0.0014 | orient\_error: 0.0066

Ep: 903 | done | Collision: 0 | ep\_r: 79.6 | step: 128 | pose\_error: 0.0027 | orient\_error: 0.0112

Ep: 904 | done | Collision: 0 | ep\_r: 79.4 | step: 128 | pose\_error: 0.0009 | orient\_error: 0.0069

Ep: 905 | done | Collision: 0 | ep\_r: 80.1 | step: 130 | pose\_error: 0.0016 | orient\_error: 0.0033

Ep: 906 | done | Collision: 0 | ep\_r: 79.3 | step: 129 | pose\_error: 0.0025 | orient\_error: 0.0112

Ep: 907 | done | Collision: 0 | ep\_r: 79.4 | step: 129 | pose\_error: 0.0045 | orient\_error: 0.0086

Ep: 908 | done | Collision: 0 | ep\_r: 75.5 | step: 127 | pose\_error: 0.0045 | orient\_error: 0.0102

Ep: 909 | done | Collision: 0 | ep\_r: 79.4 | step: 126 | pose\_error: 0.0034 | orient\_error: 0.0103

Ep: 910 | done | Collision: 0 | ep\_r: 80.4 | step: 133 | pose\_error: 0.0008 | orient\_error: 0.0150

Ep: 911 | done | Collision: 0 | ep\_r: 79.0 | step: 125 | pose\_error: 0.0025 | orient\_error: 0.0100

Ep: 912 | done | Collision: 0 | ep\_r: 79.2 | step: 130 | pose\_error: 0.0027 | orient\_error: 0.0129

Ep: 913 | done | Collision: 0 | ep\_r: 76.7 | step: 126 | pose\_error: 0.0057 | orient\_error: 0.0056

Ep: 914 | done | Collision: 0 | ep\_r: 78.5 | step: 125 | pose\_error: 0.0021 | orient\_error: 0.0066

Ep: 915 | done | Collision: 0 | ep\_r: 79.9 | step: 127 | pose\_error: 0.0018 | orient\_error: 0.0080

Ep: 916 | done | Collision: 0 | ep\_r: 79.9 | step: 130 | pose\_error: 0.0044 | orient\_error: 0.0080

Ep: 917 | done | Collision: 0 | ep\_r: 78.5 | step: 126 | pose\_error: 0.0023 | orient\_error: 0.0066

Ep: 918 | done | Collision: 0 | ep\_r: 79.2 | step: 125 | pose\_error: 0.0044 | orient\_error: 0.0108

Ep: 919 | done | Collision: 0 | ep\_r: 78.6 | step: 124 | pose\_error: 0.0044 | orient\_error: 0.0097

Ep: 920 | done | Collision: 0 | ep\_r: 80.5 | step: 132 | pose\_error: 0.0038 | orient\_error: 0.0043

Ep: 921 | done | Collision: 0 | ep\_r: 76.4 | step: 125 | pose\_error: 0.0043 | orient\_error: 0.0057

Ep: 922 | done | Collision: 0 | ep\_r: 74.9 | step: 130 | pose\_error: 0.0031 | orient\_error: 0.0115

Ep: 923 | done | Collision: 0 | ep\_r: 79.4 | step: 126 | pose\_error: 0.0039 | orient\_error: 0.0138

Ep: 924 | done | Collision: 0 | ep\_r: 72.9 | step: 121 | pose\_error: 0.0035 | orient\_error: 0.0143

Ep: 925 | done | Collision: 0 | ep\_r: 73.4 | step: 128 | pose\_error: 0.0028 | orient\_error: 0.0079

Ep: 926 | done | Collision: 0 | ep\_r: 76.3 | step: 129 | pose\_error: 0.0030 | orient\_error: 0.0131

Ep: 927 | done | Collision: 0 | ep\_r: 76.4 | step: 130 | pose\_error: 0.0059 | orient\_error: 0.0141

Ep: 928 | done | Collision: 0 | ep\_r: 85.2 | step: 155 | pose\_error: 0.0054 | orient\_error: 0.0090

Ep: 929 | done | Collision: 0 | ep\_r: 76.1 | step: 127 | pose\_error: 0.0045 | orient\_error: 0.0060

Ep: 930 | done | Collision: 0 | ep\_r: 77.3 | step: 132 | pose\_error: 0.0055 | orient\_error: 0.0130

Ep: 931 | done | Collision: 0 | ep\_r: 78.0 | step: 127 | pose\_error: 0.0026 | orient\_error: 0.0082

Ep: 932 | done | Collision: 0 | ep\_r: 76.9 | step: 124 | pose\_error: 0.0016 | orient\_error: 0.0087

Ep: 933 | done | Collision: 0 | ep\_r: 79.8 | step: 130 | pose\_error: 0.0043 | orient\_error: 0.0107

Ep: 934 | done | Collision: 0 | ep\_r: 76.7 | step: 123 | pose\_error: 0.0049 | orient\_error: 0.0160

Ep: 935 | done | Collision: 0 | ep\_r: 80.2 | step: 130 | pose\_error: 0.0042 | orient\_error: 0.0108

Ep: 936 | done | Collision: 0 | ep\_r: 80.4 | step: 129 | pose\_error: 0.0075 | orient\_error: 0.0164

Ep: 937 | done | Collision: 0 | ep\_r: 79.9 | step: 127 | pose\_error: 0.0018 | orient\_error: 0.0063

Ep: 938 | done | Collision: 0 | ep\_r: 78.7 | step: 131 | pose\_error: 0.0053 | orient\_error: 0.0125

Ep: 939 | done | Collision: 0 | ep\_r: 76.2 | step: 124 | pose\_error: 0.0021 | orient\_error: 0.0093

Ep: 940 | done | Collision: 0 | ep\_r: 79.8 | step: 133 | pose\_error: 0.0043 | orient\_error: 0.0113

Ep: 941 | done | Collision: 0 | ep\_r: 80.8 | step: 129 | pose\_error: 0.0054 | orient\_error: 0.0071

Ep: 942 | done | Collision: 0 | ep\_r: 85.1 | step: 143 | pose\_error: 0.0032 | orient\_error: 0.0071

Ep: 943 | done | Collision: 0 | ep\_r: 81.3 | step: 134 | pose\_error: 0.0059 | orient\_error: 0.0107

Ep: 944 | done | Collision: 0 | ep\_r: 82.0 | step: 133 | pose\_error: 0.0011 | orient\_error: 0.0069

Ep: 945 | done | Collision: 0 | ep\_r: 81.3 | step: 133 | pose\_error: 0.0030 | orient\_error: 0.0080

Ep: 946 | done | Collision: 0 | ep\_r: 140.7 | step: 174 | pose\_error: 0.0028 | orient\_error: 0.0140

Ep: 947 | done | Collision: 0 | ep\_r: 81.0 | step: 133 | pose\_error: 0.0027 | orient\_error: 0.0085

Ep: 948 | done | Collision: 0 | ep\_r: 81.0 | step: 133 | pose\_error: 0.0038 | orient\_error: 0.0076

Ep: 949 | done | Collision: 0 | ep\_r: 82.6 | step: 136 | pose\_error: 0.0034 | orient\_error: 0.0141

Ep: 950 | done | Collision: 0 | ep\_r: 78.5 | step: 132 | pose\_error: 0.0041 | orient\_error: 0.0044

Ep: 951 | done | Collision: 0 | ep\_r: 79.4 | step: 129 | pose\_error: 0.0049 | orient\_error: 0.0156

Ep: 952 | done | Collision: 0 | ep\_r: 82.5 | step: 134 | pose\_error: 0.0037 | orient\_error: 0.0136

Ep: 953 | done | Collision: 0 | ep\_r: 81.1 | step: 134 | pose\_error: 0.0065 | orient\_error: 0.0157

Ep: 954 | --- | Collision: 0 | ep\_r: 165.6 | step: 300 | pose\_error: 0.0079 | orient\_error: 0.0161

Ep: 955 | --- | Collision: 0 | ep\_r: 157.1 | step: 300 | pose\_error: 0.0116 | orient\_error: 0.0048

Ep: 956 | --- | Collision: 0 | ep\_r: 100.6 | step: 300 | pose\_error: 0.0107 | orient\_error: 0.0269

Ep: 957 | done | Collision: 0 | ep\_r: 82.1 | step: 137 | pose\_error: 0.0063 | orient\_error: 0.0133

Ep: 958 | done | Collision: 0 | ep\_r: 81.2 | step: 131 | pose\_error: 0.0053 | orient\_error: 0.0088

Ep: 959 | done | Collision: 0 | ep\_r: 95.3 | step: 172 | pose\_error: 0.0065 | orient\_error: 0.0113

Ep: 960 | done | Collision: 0 | ep\_r: 167.5 | step: 268 | pose\_error: 0.0040 | orient\_error: 0.0112

Ep: 961 | done | Collision: 0 | ep\_r: 76.7 | step: 129 | pose\_error: 0.0025 | orient\_error: 0.0164

Ep: 962 | done | Collision: 0 | ep\_r: 83.0 | step: 141 | pose\_error: 0.0074 | orient\_error: 0.0058

Ep: 963 | done | Collision: 0 | ep\_r: 82.3 | step: 135 | pose\_error: 0.0056 | orient\_error: 0.0082

Ep: 964 | done | Collision: 0 | ep\_r: 80.6 | step: 130 | pose\_error: 0.0070 | orient\_error: 0.0107

Ep: 965 | done | Collision: 0 | ep\_r: 80.7 | step: 135 | pose\_error: 0.0040 | orient\_error: 0.0104

Ep: 966 | done | Collision: 0 | ep\_r: 101.6 | step: 195 | pose\_error: 0.0063 | orient\_error: 0.0054

Ep: 967 | done | Collision: 0 | ep\_r: 81.3 | step: 135 | pose\_error: 0.0023 | orient\_error: 0.0089

Ep: 968 | done | Collision: 0 | ep\_r: 79.4 | step: 129 | pose\_error: 0.0050 | orient\_error: 0.0087

Ep: 969 | done | Collision: 0 | ep\_r: 85.8 | step: 144 | pose\_error: 0.0050 | orient\_error: 0.0048

Ep: 970 | done | Collision: 0 | ep\_r: 80.7 | step: 130 | pose\_error: 0.0015 | orient\_error: 0.0035

Ep: 971 | done | Collision: 0 | ep\_r: 89.1 | step: 152 | pose\_error: 0.0052 | orient\_error: 0.0056

Ep: 972 | done | Collision: 0 | ep\_r: 80.8 | step: 129 | pose\_error: 0.0038 | orient\_error: 0.0082

Ep: 973 | done | Collision: 0 | ep\_r: 84.2 | step: 139 | pose\_error: 0.0030 | orient\_error: 0.0030

Ep: 974 | done | Collision: 0 | ep\_r: 87.4 | step: 149 | pose\_error: 0.0063 | orient\_error: 0.0092

Ep: 975 | done | Collision: 0 | ep\_r: 79.5 | step: 129 | pose\_error: 0.0047 | orient\_error: 0.0041

Ep: 976 | done | Collision: 0 | ep\_r: 76.0 | step: 126 | pose\_error: 0.0023 | orient\_error: 0.0095

Ep: 977 | done | Collision: 0 | ep\_r: 80.8 | step: 131 | pose\_error: 0.0043 | orient\_error: 0.0075

Ep: 978 | done | Collision: 0 | ep\_r: 78.8 | step: 125 | pose\_error: 0.0053 | orient\_error: 0.0049

Ep: 979 | done | Collision: 0 | ep\_r: 79.2 | step: 124 | pose\_error: 0.0013 | orient\_error: 0.0078

Ep: 980 | done | Collision: 0 | ep\_r: 78.8 | step: 127 | pose\_error: 0.0057 | orient\_error: 0.0047

Ep: 981 | done | Collision: 0 | ep\_r: 82.5 | step: 134 | pose\_error: 0.0029 | orient\_error: 0.0050

Ep: 982 | done | Collision: 0 | ep\_r: 81.9 | step: 130 | pose\_error: 0.0044 | orient\_error: 0.0042

Ep: 983 | done | Collision: 0 | ep\_r: 79.3 | step: 129 | pose\_error: 0.0028 | orient\_error: 0.0057

Ep: 984 | done | Collision: 0 | ep\_r: 82.1 | step: 135 | pose\_error: 0.0058 | orient\_error: 0.0068

Ep: 985 | done | Collision: 0 | ep\_r: 80.3 | step: 126 | pose\_error: 0.0052 | orient\_error: 0.0082

Ep: 986 | done | Collision: 0 | ep\_r: 81.4 | step: 132 | pose\_error: 0.0019 | orient\_error: 0.0035

Ep: 987 | done | Collision: 0 | ep\_r: 84.6 | step: 137 | pose\_error: 0.0010 | orient\_error: 0.0053

Ep: 988 | done | Collision: 0 | ep\_r: 80.5 | step: 127 | pose\_error: 0.0028 | orient\_error: 0.0051

Ep: 989 | done | Collision: 0 | ep\_r: 81.5 | step: 131 | pose\_error: 0.0031 | orient\_error: 0.0044

Ep: 990 | done | Collision: 0 | ep\_r: 80.2 | step: 130 | pose\_error: 0.0061 | orient\_error: 0.0026

Ep: 991 | done | Collision: 0 | ep\_r: 78.8 | step: 129 | pose\_error: 0.0064 | orient\_error: 0.0132

Ep: 992 | done | Collision: 0 | ep\_r: 81.9 | step: 135 | pose\_error: 0.0040 | orient\_error: 0.0032

Ep: 993 | done | Collision: 0 | ep\_r: 124.4 | step: 165 | pose\_error: 0.0022 | orient\_error: 0.0112

Ep: 994 | done | Collision: 0 | ep\_r: 81.8 | step: 129 | pose\_error: 0.0022 | orient\_error: 0.0140

Ep: 995 | done | Collision: 0 | ep\_r: 87.9 | step: 145 | pose\_error: 0.0032 | orient\_error: 0.0092

Ep: 996 | done | Collision: 0 | ep\_r: 79.6 | step: 126 | pose\_error: 0.0053 | orient\_error: 0.0053

Ep: 997 | done | Collision: 0 | ep\_r: 80.3 | step: 128 | pose\_error: 0.0026 | orient\_error: 0.0146

Ep: 998 | done | Collision: 0 | ep\_r: 81.4 | step: 133 | pose\_error: 0.0035 | orient\_error: 0.0041

Ep: 999 | done | Collision: 0 | ep\_r: 80.5 | step: 129 | pose\_error: 0.0010 | orient\_error: 0.0074

Ep: 1000 | done | Collision: 0 | ep\_r: 82.0 | step: 134 | pose\_error: 0.0046 | orient\_error: 0.0072

Ep: 1001 | done | Collision: 0 | ep\_r: 81.5 | step: 135 | pose\_error: 0.0068 | orient\_error: 0.0065

Ep: 1002 | done | Collision: 0 | ep\_r: 79.4 | step: 126 | pose\_error: 0.0053 | orient\_error: 0.0064

Ep: 1003 | done | Collision: 0 | ep\_r: 81.4 | step: 135 | pose\_error: 0.0020 | orient\_error: 0.0087

Ep: 1004 | done | Collision: 0 | ep\_r: 77.8 | step: 130 | pose\_error: 0.0034 | orient\_error: 0.0104

Ep: 1005 | done | Collision: 0 | ep\_r: 79.9 | step: 129 | pose\_error: 0.0017 | orient\_error: 0.0043

Ep: 1006 | done | Collision: 0 | ep\_r: 77.9 | step: 128 | pose\_error: 0.0027 | orient\_error: 0.0085

Ep: 1007 | done | Collision: 0 | ep\_r: 78.9 | step: 124 | pose\_error: 0.0053 | orient\_error: 0.0049

Ep: 1008 | done | Collision: 0 | ep\_r: 80.2 | step: 127 | pose\_error: 0.0034 | orient\_error: 0.0048

Ep: 1009 | done | Collision: 0 | ep\_r: 82.0 | step: 135 | pose\_error: 0.0073 | orient\_error: 0.0070

Ep: 1010 | done | Collision: 0 | ep\_r: 79.9 | step: 132 | pose\_error: 0.0049 | orient\_error: 0.0102

Ep: 1011 | done | Collision: 0 | ep\_r: 82.1 | step: 136 | pose\_error: 0.0066 | orient\_error: 0.0071

Ep: 1012 | done | Collision: 0 | ep\_r: 80.2 | step: 131 | pose\_error: 0.0028 | orient\_error: 0.0069

Ep: 1013 | done | Collision: 0 | ep\_r: 78.9 | step: 129 | pose\_error: 0.0034 | orient\_error: 0.0066

Ep: 1014 | done | Collision: 0 | ep\_r: 74.4 | step: 129 | pose\_error: 0.0056 | orient\_error: 0.0082

Ep: 1015 | done | Collision: 0 | ep\_r: 82.6 | step: 135 | pose\_error: 0.0019 | orient\_error: 0.0066

Ep: 1016 | done | Collision: 0 | ep\_r: 80.4 | step: 130 | pose\_error: 0.0045 | orient\_error: 0.0108

Ep: 1017 | done | Collision: 0 | ep\_r: 81.9 | step: 130 | pose\_error: 0.0020 | orient\_error: 0.0099

Ep: 1018 | done | Collision: 0 | ep\_r: 78.6 | step: 125 | pose\_error: 0.0069 | orient\_error: 0.0102

Ep: 1019 | done | Collision: 0 | ep\_r: 79.4 | step: 127 | pose\_error: 0.0059 | orient\_error: 0.0068

Ep: 1020 | done | Collision: 0 | ep\_r: 82.5 | step: 132 | pose\_error: 0.0034 | orient\_error: 0.0120

Ep: 1021 | done | Collision: 0 | ep\_r: 80.0 | step: 125 | pose\_error: 0.0045 | orient\_error: 0.0040

Ep: 1022 | done | Collision: 0 | ep\_r: 79.8 | step: 130 | pose\_error: 0.0018 | orient\_error: 0.0082

Ep: 1023 | done | Collision: 0 | ep\_r: 81.8 | step: 132 | pose\_error: 0.0037 | orient\_error: 0.0116

Ep: 1024 | done | Collision: 0 | ep\_r: 78.8 | step: 123 | pose\_error: 0.0046 | orient\_error: 0.0196

Ep: 1025 | done | Collision: 0 | ep\_r: 123.6 | step: 175 | pose\_error: 0.0050 | orient\_error: 0.0159

Ep: 1026 | done | Collision: 0 | ep\_r: 80.3 | step: 129 | pose\_error: 0.0019 | orient\_error: 0.0156

Ep: 1027 | done | Collision: 0 | ep\_r: 81.6 | step: 130 | pose\_error: 0.0031 | orient\_error: 0.0097

Ep: 1028 | done | Collision: 0 | ep\_r: 80.1 | step: 129 | pose\_error: 0.0055 | orient\_error: 0.0141

Ep: 1029 | done | Collision: 0 | ep\_r: 80.7 | step: 125 | pose\_error: 0.0045 | orient\_error: 0.0036

Ep: 1030 | done | Collision: 0 | ep\_r: 82.0 | step: 133 | pose\_error: 0.0027 | orient\_error: 0.0067

Ep: 1031 | done | Collision: 0 | ep\_r: 80.7 | step: 126 | pose\_error: 0.0034 | orient\_error: 0.0101

Ep: 1032 | done | Collision: 0 | ep\_r: 82.1 | step: 133 | pose\_error: 0.0061 | orient\_error: 0.0083

Ep: 1033 | done | Collision: 0 | ep\_r: 79.0 | step: 126 | pose\_error: 0.0026 | orient\_error: 0.0020

Ep: 1034 | done | Collision: 0 | ep\_r: 81.1 | step: 132 | pose\_error: 0.0052 | orient\_error: 0.0123

Ep: 1035 | done | Collision: 0 | ep\_r: 79.4 | step: 127 | pose\_error: 0.0057 | orient\_error: 0.0165

Ep: 1036 | done | Collision: 0 | ep\_r: 82.4 | step: 134 | pose\_error: 0.0050 | orient\_error: 0.0108

Ep: 1037 | done | Collision: 0 | ep\_r: 81.6 | step: 131 | pose\_error: 0.0033 | orient\_error: 0.0126

Ep: 1038 | done | Collision: 0 | ep\_r: 81.2 | step: 130 | pose\_error: 0.0043 | orient\_error: 0.0095

Ep: 1039 | done | Collision: 0 | ep\_r: 80.1 | step: 127 | pose\_error: 0.0014 | orient\_error: 0.0066

Ep: 1040 | done | Collision: 0 | ep\_r: 80.6 | step: 128 | pose\_error: 0.0022 | orient\_error: 0.0147

Ep: 1041 | done | Collision: 0 | ep\_r: 75.1 | step: 123 | pose\_error: 0.0052 | orient\_error: 0.0096

Ep: 1042 | done | Collision: 0 | ep\_r: 79.4 | step: 125 | pose\_error: 0.0046 | orient\_error: 0.0079

Ep: 1043 | done | Collision: 0 | ep\_r: 78.7 | step: 128 | pose\_error: 0.0040 | orient\_error: 0.0118

Ep: 1044 | done | Collision: 0 | ep\_r: 76.2 | step: 125 | pose\_error: 0.0018 | orient\_error: 0.0114

Ep: 1045 | done | Collision: 0 | ep\_r: 136.5 | step: 170 | pose\_error: 0.0018 | orient\_error: 0.0168

Ep: 1046 | done | Collision: 0 | ep\_r: 80.7 | step: 135 | pose\_error: 0.0017 | orient\_error: 0.0112

Ep: 1047 | done | Collision: 0 | ep\_r: 79.7 | step: 127 | pose\_error: 0.0022 | orient\_error: 0.0051

Ep: 1048 | done | Collision: 0 | ep\_r: 77.2 | step: 123 | pose\_error: 0.0059 | orient\_error: 0.0093

Ep: 1049 | done | Collision: 0 | ep\_r: 73.5 | step: 124 | pose\_error: 0.0036 | orient\_error: 0.0168

Ep: 1050 | done | Collision: 0 | ep\_r: 78.4 | step: 129 | pose\_error: 0.0044 | orient\_error: 0.0094

Ep: 1051 | done | Collision: 0 | ep\_r: 77.0 | step: 122 | pose\_error: 0.0024 | orient\_error: 0.0113

Ep: 1052 | done | Collision: 0 | ep\_r: 80.1 | step: 130 | pose\_error: 0.0025 | orient\_error: 0.0168

Ep: 1053 | done | Collision: 0 | ep\_r: 73.2 | step: 126 | pose\_error: 0.0042 | orient\_error: 0.0092

Ep: 1054 | done | Collision: 0 | ep\_r: 73.8 | step: 124 | pose\_error: 0.0022 | orient\_error: 0.0107

Ep: 1055 | done | Collision: 0 | ep\_r: 78.1 | step: 124 | pose\_error: 0.0018 | orient\_error: 0.0062

Ep: 1056 | done | Collision: 0 | ep\_r: 80.5 | step: 128 | pose\_error: 0.0066 | orient\_error: 0.0066

Ep: 1057 | done | Collision: 0 | ep\_r: 74.5 | step: 122 | pose\_error: 0.0049 | orient\_error: 0.0106

Ep: 1058 | done | Collision: 0 | ep\_r: 86.0 | step: 145 | pose\_error: 0.0020 | orient\_error: 0.0120

Ep: 1059 | done | Collision: 0 | ep\_r: 79.5 | step: 131 | pose\_error: 0.0037 | orient\_error: 0.0126

Ep: 1060 | done | Collision: 0 | ep\_r: 80.6 | step: 131 | pose\_error: 0.0046 | orient\_error: 0.0107

Ep: 1061 | done | Collision: 0 | ep\_r: 79.0 | step: 129 | pose\_error: 0.0072 | orient\_error: 0.0052

Ep: 1062 | done | Collision: 0 | ep\_r: 79.4 | step: 127 | pose\_error: 0.0023 | orient\_error: 0.0087

Ep: 1063 | done | Collision: 0 | ep\_r: 76.9 | step: 129 | pose\_error: 0.0017 | orient\_error: 0.0111

Ep: 1064 | done | Collision: 0 | ep\_r: 77.1 | step: 122 | pose\_error: 0.0043 | orient\_error: 0.0074

Ep: 1065 | done | Collision: 0 | ep\_r: 85.6 | step: 143 | pose\_error: 0.0046 | orient\_error: 0.0150

Ep: 1066 | done | Collision: 0 | ep\_r: 79.4 | step: 128 | pose\_error: 0.0035 | orient\_error: 0.0095

Ep: 1067 | done | Collision: 0 | ep\_r: 81.4 | step: 129 | pose\_error: 0.0044 | orient\_error: 0.0066

Ep: 1068 | done | Collision: 0 | ep\_r: 80.6 | step: 126 | pose\_error: 0.0016 | orient\_error: 0.0094

Ep: 1069 | done | Collision: 0 | ep\_r: 80.9 | step: 133 | pose\_error: 0.0040 | orient\_error: 0.0082

Ep: 1070 | done | Collision: 0 | ep\_r: 101.5 | step: 159 | pose\_error: 0.0030 | orient\_error: 0.0115

Ep: 1071 | done | Collision: 0 | ep\_r: 80.8 | step: 127 | pose\_error: 0.0025 | orient\_error: 0.0056

Ep: 1072 | done | Collision: 0 | ep\_r: 77.5 | step: 126 | pose\_error: 0.0012 | orient\_error: 0.0108

Ep: 1073 | done | Collision: 0 | ep\_r: 79.6 | step: 126 | pose\_error: 0.0068 | orient\_error: 0.0101

Ep: 1074 | done | Collision: 0 | ep\_r: 81.2 | step: 132 | pose\_error: 0.0021 | orient\_error: 0.0115

Ep: 1075 | done | Collision: 0 | ep\_r: 81.2 | step: 136 | pose\_error: 0.0030 | orient\_error: 0.0070

Ep: 1076 | done | Collision: 0 | ep\_r: 79.8 | step: 132 | pose\_error: 0.0041 | orient\_error: 0.0101

Ep: 1077 | done | Collision: 0 | ep\_r: 78.5 | step: 125 | pose\_error: 0.0057 | orient\_error: 0.0076

Ep: 1078 | done | Collision: 0 | ep\_r: 82.2 | step: 135 | pose\_error: 0.0037 | orient\_error: 0.0109

Ep: 1079 | done | Collision: 0 | ep\_r: 82.5 | step: 132 | pose\_error: 0.0040 | orient\_error: 0.0083

Ep: 1080 | done | Collision: 0 | ep\_r: 92.0 | step: 162 | pose\_error: 0.0042 | orient\_error: 0.0103

Ep: 1081 | done | Collision: 0 | ep\_r: 144.3 | step: 190 | pose\_error: 0.0037 | orient\_error: 0.0154

Ep: 1082 | done | Collision: 0 | ep\_r: 79.4 | step: 129 | pose\_error: 0.0056 | orient\_error: 0.0122

Ep: 1083 | done | Collision: 0 | ep\_r: 80.8 | step: 134 | pose\_error: 0.0024 | orient\_error: 0.0094

Ep: 1084 | done | Collision: 0 | ep\_r: 81.1 | step: 131 | pose\_error: 0.0043 | orient\_error: 0.0080

Ep: 1085 | done | Collision: 0 | ep\_r: 81.4 | step: 137 | pose\_error: 0.0042 | orient\_error: 0.0028

Ep: 1086 | done | Collision: 0 | ep\_r: 103.9 | step: 145 | pose\_error: 0.0033 | orient\_error: 0.0127

Ep: 1087 | done | Collision: 0 | ep\_r: 82.0 | step: 131 | pose\_error: 0.0030 | orient\_error: 0.0041

Ep: 1088 | done | Collision: 0 | ep\_r: 79.9 | step: 130 | pose\_error: 0.0059 | orient\_error: 0.0109

Ep: 1089 | done | Collision: 0 | ep\_r: 79.5 | step: 130 | pose\_error: 0.0035 | orient\_error: 0.0097

Ep: 1090 | done | Collision: 0 | ep\_r: 82.4 | step: 133 | pose\_error: 0.0037 | orient\_error: 0.0068

Ep: 1091 | done | Collision: 0 | ep\_r: 81.8 | step: 130 | pose\_error: 0.0025 | orient\_error: 0.0099

Ep: 1092 | done | Collision: 0 | ep\_r: 97.6 | step: 149 | pose\_error: 0.0037 | orient\_error: 0.0084

Ep: 1093 | done | Collision: 0 | ep\_r: 81.6 | step: 128 | pose\_error: 0.0013 | orient\_error: 0.0080

Ep: 1094 | done | Collision: 0 | ep\_r: 81.5 | step: 131 | pose\_error: 0.0036 | orient\_error: 0.0055

Ep: 1095 | done | Collision: 0 | ep\_r: 81.7 | step: 134 | pose\_error: 0.0012 | orient\_error: 0.0190

Ep: 1096 | done | Collision: 0 | ep\_r: 80.0 | step: 128 | pose\_error: 0.0016 | orient\_error: 0.0135

Ep: 1097 | done | Collision: 0 | ep\_r: 81.8 | step: 130 | pose\_error: 0.0034 | orient\_error: 0.0078

Ep: 1098 | done | Collision: 0 | ep\_r: 80.1 | step: 126 | pose\_error: 0.0061 | orient\_error: 0.0076

Ep: 1099 | done | Collision: 0 | ep\_r: 82.3 | step: 132 | pose\_error: 0.0028 | orient\_error: 0.0064

Ep: 1100 | done | Collision: 0 | ep\_r: 81.8 | step: 132 | pose\_error: 0.0042 | orient\_error: 0.0132

Ep: 1101 | done | Collision: 0 | ep\_r: 81.2 | step: 129 | pose\_error: 0.0039 | orient\_error: 0.0081

Ep: 1102 | done | Collision: 0 | ep\_r: 79.8 | step: 128 | pose\_error: 0.0031 | orient\_error: 0.0106

Ep: 1103 | done | Collision: 0 | ep\_r: 82.7 | step: 135 | pose\_error: 0.0025 | orient\_error: 0.0075

Ep: 1104 | done | Collision: 0 | ep\_r: 82.8 | step: 132 | pose\_error: 0.0034 | orient\_error: 0.0090

Ep: 1105 | done | Collision: 0 | ep\_r: 80.7 | step: 127 | pose\_error: 0.0045 | orient\_error: 0.0103

Ep: 1106 | done | Collision: 0 | ep\_r: 80.6 | step: 128 | pose\_error: 0.0038 | orient\_error: 0.0046

Ep: 1107 | done | Collision: 0 | ep\_r: 78.4 | step: 126 | pose\_error: 0.0021 | orient\_error: 0.0104

Ep: 1108 | done | Collision: 0 | ep\_r: 80.3 | step: 130 | pose\_error: 0.0050 | orient\_error: 0.0085

Ep: 1109 | done | Collision: 0 | ep\_r: 83.6 | step: 133 | pose\_error: 0.0021 | orient\_error: 0.0056

Ep: 1110 | done | Collision: 0 | ep\_r: 79.9 | step: 133 | pose\_error: 0.0019 | orient\_error: 0.0011

Ep: 1111 | done | Collision: 0 | ep\_r: 80.0 | step: 127 | pose\_error: 0.0018 | orient\_error: 0.0097

Ep: 1112 | done | Collision: 0 | ep\_r: 82.1 | step: 130 | pose\_error: 0.0036 | orient\_error: 0.0056

Ep: 1113 | done | Collision: 0 | ep\_r: 80.1 | step: 129 | pose\_error: 0.0053 | orient\_error: 0.0115

Ep: 1114 | done | Collision: 0 | ep\_r: 80.3 | step: 131 | pose\_error: 0.0046 | orient\_error: 0.0092

Ep: 1115 | done | Collision: 0 | ep\_r: 77.5 | step: 126 | pose\_error: 0.0040 | orient\_error: 0.0075

Ep: 1116 | done | Collision: 0 | ep\_r: 81.6 | step: 129 | pose\_error: 0.0035 | orient\_error: 0.0048

Ep: 1117 | done | Collision: 0 | ep\_r: 79.8 | step: 126 | pose\_error: 0.0038 | orient\_error: 0.0047

Ep: 1118 | done | Collision: 0 | ep\_r: 84.8 | step: 140 | pose\_error: 0.0053 | orient\_error: 0.0074

Ep: 1119 | done | Collision: 0 | ep\_r: 79.2 | step: 126 | pose\_error: 0.0040 | orient\_error: 0.0054

Ep: 1120 | done | Collision: 0 | ep\_r: 79.1 | step: 129 | pose\_error: 0.0017 | orient\_error: 0.0091

Ep: 1121 | done | Collision: 0 | ep\_r: 81.9 | step: 128 | pose\_error: 0.0036 | orient\_error: 0.0052

Ep: 1122 | done | Collision: 0 | ep\_r: 81.5 | step: 133 | pose\_error: 0.0046 | orient\_error: 0.0061

Ep: 1123 | done | Collision: 0 | ep\_r: 81.8 | step: 129 | pose\_error: 0.0011 | orient\_error: 0.0053

Ep: 1124 | done | Collision: 0 | ep\_r: 181.0 | step: 213 | pose\_error: 0.0056 | orient\_error: 0.0072

Ep: 1125 | done | Collision: 0 | ep\_r: 79.5 | step: 126 | pose\_error: 0.0026 | orient\_error: 0.0060

Ep: 1126 | done | Collision: 0 | ep\_r: 80.1 | step: 126 | pose\_error: 0.0027 | orient\_error: 0.0191

Ep: 1127 | done | Collision: 0 | ep\_r: 81.0 | step: 126 | pose\_error: 0.0031 | orient\_error: 0.0052

Ep: 1128 | done | Collision: 0 | ep\_r: 79.1 | step: 127 | pose\_error: 0.0035 | orient\_error: 0.0061

Ep: 1129 | done | Collision: 0 | ep\_r: 162.3 | step: 193 | pose\_error: 0.0036 | orient\_error: 0.0080

Ep: 1130 | done | Collision: 0 | ep\_r: 75.5 | step: 125 | pose\_error: 0.0061 | orient\_error: 0.0060

Ep: 1131 | done | Collision: 0 | ep\_r: 79.3 | step: 127 | pose\_error: 0.0020 | orient\_error: 0.0135

Ep: 1132 | done | Collision: 0 | ep\_r: 77.0 | step: 125 | pose\_error: 0.0018 | orient\_error: 0.0046

Ep: 1133 | done | Collision: 0 | ep\_r: 138.8 | step: 171 | pose\_error: 0.0047 | orient\_error: 0.0079

Ep: 1134 | done | Collision: 0 | ep\_r: 81.8 | step: 132 | pose\_error: 0.0015 | orient\_error: 0.0140

Ep: 1135 | done | Collision: 0 | ep\_r: 79.2 | step: 128 | pose\_error: 0.0035 | orient\_error: 0.0166

Ep: 1136 | done | Collision: 0 | ep\_r: 80.0 | step: 133 | pose\_error: 0.0017 | orient\_error: 0.0088

Ep: 1137 | done | Collision: 0 | ep\_r: 79.3 | step: 129 | pose\_error: 0.0022 | orient\_error: 0.0054

Ep: 1138 | done | Collision: 0 | ep\_r: 79.9 | step: 129 | pose\_error: 0.0040 | orient\_error: 0.0082

Ep: 1139 | done | Collision: 0 | ep\_r: 80.4 | step: 126 | pose\_error: 0.0028 | orient\_error: 0.0070

Ep: 1140 | done | Collision: 0 | ep\_r: 80.7 | step: 130 | pose\_error: 0.0039 | orient\_error: 0.0092

Ep: 1141 | done | Collision: 0 | ep\_r: 82.4 | step: 129 | pose\_error: 0.0055 | orient\_error: 0.0094

Ep: 1142 | done | Collision: 0 | ep\_r: 80.5 | step: 131 | pose\_error: 0.0023 | orient\_error: 0.0100

Ep: 1143 | done | Collision: 0 | ep\_r: 78.4 | step: 128 | pose\_error: 0.0052 | orient\_error: 0.0097

Ep: 1144 | done | Collision: 0 | ep\_r: 133.8 | step: 171 | pose\_error: 0.0046 | orient\_error: 0.0111

Ep: 1145 | done | Collision: 0 | ep\_r: 80.2 | step: 129 | pose\_error: 0.0029 | orient\_error: 0.0042

Ep: 1146 | done | Collision: 0 | ep\_r: 86.5 | step: 147 | pose\_error: 0.0031 | orient\_error: 0.0153

Ep: 1147 | done | Collision: 0 | ep\_r: 78.2 | step: 130 | pose\_error: 0.0045 | orient\_error: 0.0016

Ep: 1148 | done | Collision: 0 | ep\_r: 79.6 | step: 126 | pose\_error: 0.0035 | orient\_error: 0.0072

Ep: 1149 | done | Collision: 0 | ep\_r: 77.7 | step: 126 | pose\_error: 0.0049 | orient\_error: 0.0035

Ep: 1150 | done | Collision: 0 | ep\_r: 80.5 | step: 130 | pose\_error: 0.0038 | orient\_error: 0.0096

Ep: 1151 | done | Collision: 0 | ep\_r: 79.3 | step: 126 | pose\_error: 0.0032 | orient\_error: 0.0114

Ep: 1152 | done | Collision: 0 | ep\_r: 79.8 | step: 125 | pose\_error: 0.0015 | orient\_error: 0.0144

Ep: 1153 | done | Collision: 0 | ep\_r: 78.7 | step: 125 | pose\_error: 0.0022 | orient\_error: 0.0076

Ep: 1154 | done | Collision: 0 | ep\_r: 78.5 | step: 126 | pose\_error: 0.0035 | orient\_error: 0.0070

Ep: 1155 | done | Collision: 0 | ep\_r: 78.6 | step: 126 | pose\_error: 0.0049 | orient\_error: 0.0050

Ep: 1156 | done | Collision: 0 | ep\_r: 81.0 | step: 130 | pose\_error: 0.0034 | orient\_error: 0.0031

Ep: 1157 | done | Collision: 0 | ep\_r: 80.4 | step: 128 | pose\_error: 0.0032 | orient\_error: 0.0063

Ep: 1158 | done | Collision: 0 | ep\_r: 82.6 | step: 130 | pose\_error: 0.0033 | orient\_error: 0.0130

Ep: 1159 | done | Collision: 0 | ep\_r: 80.0 | step: 130 | pose\_error: 0.0014 | orient\_error: 0.0067

Ep: 1160 | done | Collision: 0 | ep\_r: 80.4 | step: 128 | pose\_error: 0.0029 | orient\_error: 0.0082

Ep: 1161 | done | Collision: 0 | ep\_r: 80.4 | step: 125 | pose\_error: 0.0029 | orient\_error: 0.0098

Ep: 1162 | done | Collision: 0 | ep\_r: 81.3 | step: 131 | pose\_error: 0.0039 | orient\_error: 0.0116

Ep: 1163 | done | Collision: 0 | ep\_r: 82.6 | step: 132 | pose\_error: 0.0037 | orient\_error: 0.0043

Ep: 1164 | done | Collision: 0 | ep\_r: 78.2 | step: 129 | pose\_error: 0.0040 | orient\_error: 0.0137

Ep: 1165 | done | Collision: 0 | ep\_r: 82.2 | step: 129 | pose\_error: 0.0033 | orient\_error: 0.0102

Ep: 1166 | done | Collision: 0 | ep\_r: 77.9 | step: 125 | pose\_error: 0.0031 | orient\_error: 0.0086

Ep: 1167 | done | Collision: 0 | ep\_r: 83.9 | step: 139 | pose\_error: 0.0043 | orient\_error: 0.0049

Ep: 1168 | done | Collision: 0 | ep\_r: 78.6 | step: 130 | pose\_error: 0.0043 | orient\_error: 0.0067

Ep: 1169 | done | Collision: 0 | ep\_r: 82.0 | step: 131 | pose\_error: 0.0035 | orient\_error: 0.0088

Ep: 1170 | done | Collision: 0 | ep\_r: 84.1 | step: 132 | pose\_error: 0.0039 | orient\_error: 0.0028

Ep: 1171 | done | Collision: 0 | ep\_r: 81.7 | step: 131 | pose\_error: 0.0040 | orient\_error: 0.0176

Ep: 1172 | done | Collision: 0 | ep\_r: 79.0 | step: 128 | pose\_error: 0.0019 | orient\_error: 0.0080

Ep: 1173 | done | Collision: 0 | ep\_r: 81.4 | step: 127 | pose\_error: 0.0013 | orient\_error: 0.0103

Ep: 1174 | done | Collision: 0 | ep\_r: 80.0 | step: 126 | pose\_error: 0.0038 | orient\_error: 0.0118

Ep: 1175 | done | Collision: 0 | ep\_r: 78.4 | step: 126 | pose\_error: 0.0044 | orient\_error: 0.0105

Ep: 1176 | done | Collision: 0 | ep\_r: 81.5 | step: 131 | pose\_error: 0.0063 | orient\_error: 0.0056

Ep: 1177 | done | Collision: 0 | ep\_r: 80.8 | step: 128 | pose\_error: 0.0028 | orient\_error: 0.0109

Ep: 1178 | done | Collision: 0 | ep\_r: 81.4 | step: 128 | pose\_error: 0.0021 | orient\_error: 0.0109

Ep: 1179 | done | Collision: 0 | ep\_r: 79.5 | step: 127 | pose\_error: 0.0041 | orient\_error: 0.0080

Ep: 1180 | done | Collision: 0 | ep\_r: 82.3 | step: 129 | pose\_error: 0.0020 | orient\_error: 0.0090

Ep: 1181 | done | Collision: 0 | ep\_r: 79.7 | step: 126 | pose\_error: 0.0046 | orient\_error: 0.0064

Ep: 1182 | done | Collision: 0 | ep\_r: 80.9 | step: 131 | pose\_error: 0.0038 | orient\_error: 0.0143

Ep: 1183 | done | Collision: 0 | ep\_r: 79.7 | step: 129 | pose\_error: 0.0042 | orient\_error: 0.0062

Ep: 1184 | done | Collision: 0 | ep\_r: 82.3 | step: 130 | pose\_error: 0.0003 | orient\_error: 0.0060

Ep: 1185 | done | Collision: 0 | ep\_r: 80.9 | step: 130 | pose\_error: 0.0037 | orient\_error: 0.0133

Ep: 1186 | done | Collision: 0 | ep\_r: 82.3 | step: 131 | pose\_error: 0.0031 | orient\_error: 0.0081

Ep: 1187 | done | Collision: 0 | ep\_r: 80.2 | step: 125 | pose\_error: 0.0040 | orient\_error: 0.0046

Ep: 1188 | done | Collision: 0 | ep\_r: 82.4 | step: 134 | pose\_error: 0.0037 | orient\_error: 0.0082

Ep: 1189 | done | Collision: 0 | ep\_r: 80.6 | step: 132 | pose\_error: 0.0033 | orient\_error: 0.0063

Ep: 1190 | done | Collision: 0 | ep\_r: 81.6 | step: 132 | pose\_error: 0.0019 | orient\_error: 0.0158

Ep: 1191 | done | Collision: 0 | ep\_r: 80.9 | step: 132 | pose\_error: 0.0021 | orient\_error: 0.0109

Ep: 1192 | done | Collision: 0 | ep\_r: 78.7 | step: 123 | pose\_error: 0.0033 | orient\_error: 0.0091

Ep: 1193 | done | Collision: 0 | ep\_r: 85.1 | step: 134 | pose\_error: 0.0016 | orient\_error: 0.0071

Ep: 1194 | done | Collision: 0 | ep\_r: 82.4 | step: 131 | pose\_error: 0.0026 | orient\_error: 0.0098

Ep: 1195 | done | Collision: 0 | ep\_r: 80.7 | step: 129 | pose\_error: 0.0044 | orient\_error: 0.0079

Ep: 1196 | done | Collision: 0 | ep\_r: 90.6 | step: 133 | pose\_error: 0.0023 | orient\_error: 0.0107

Ep: 1197 | done | Collision: 0 | ep\_r: 81.1 | step: 128 | pose\_error: 0.0022 | orient\_error: 0.0094

Ep: 1198 | done | Collision: 0 | ep\_r: 125.8 | step: 164 | pose\_error: 0.0028 | orient\_error: 0.0167

Ep: 1199 | done | Collision: 0 | ep\_r: 80.5 | step: 127 | pose\_error: 0.0050 | orient\_error: 0.0094

Ep: 1200 | done | Collision: 0 | ep\_r: 81.6 | step: 133 | pose\_error: 0.0052 | orient\_error: 0.0077

Ep: 1201 | done | Collision: 0 | ep\_r: 81.7 | step: 134 | pose\_error: 0.0027 | orient\_error: 0.0090

Ep: 1202 | done | Collision: 0 | ep\_r: 80.2 | step: 128 | pose\_error: 0.0061 | orient\_error: 0.0112

Ep: 1203 | done | Collision: 0 | ep\_r: 82.8 | step: 135 | pose\_error: 0.0035 | orient\_error: 0.0052

Ep: 1204 | done | Collision: 0 | ep\_r: 82.7 | step: 136 | pose\_error: 0.0040 | orient\_error: 0.0063

Ep: 1205 | done | Collision: 0 | ep\_r: 81.4 | step: 129 | pose\_error: 0.0035 | orient\_error: 0.0030

Ep: 1206 | done | Collision: 0 | ep\_r: 81.7 | step: 125 | pose\_error: 0.0020 | orient\_error: 0.0073

Ep: 1207 | done | Collision: 0 | ep\_r: 80.9 | step: 133 | pose\_error: 0.0052 | orient\_error: 0.0097

Ep: 1208 | done | Collision: 0 | ep\_r: 81.6 | step: 132 | pose\_error: 0.0044 | orient\_error: 0.0055

Ep: 1209 | done | Collision: 0 | ep\_r: 80.6 | step: 129 | pose\_error: 0.0045 | orient\_error: 0.0031

Ep: 1210 | done | Collision: 0 | ep\_r: 81.4 | step: 132 | pose\_error: 0.0037 | orient\_error: 0.0102

Ep: 1211 | done | Collision: 0 | ep\_r: 82.3 | step: 133 | pose\_error: 0.0052 | orient\_error: 0.0044

Ep: 1212 | done | Collision: 0 | ep\_r: 82.1 | step: 134 | pose\_error: 0.0067 | orient\_error: 0.0087

Ep: 1213 | done | Collision: 0 | ep\_r: 81.1 | step: 128 | pose\_error: 0.0007 | orient\_error: 0.0057

Ep: 1214 | done | Collision: 0 | ep\_r: 81.4 | step: 132 | pose\_error: 0.0052 | orient\_error: 0.0090

Ep: 1215 | done | Collision: 0 | ep\_r: 79.8 | step: 127 | pose\_error: 0.0046 | orient\_error: 0.0137

Ep: 1216 | done | Collision: 0 | ep\_r: 81.9 | step: 133 | pose\_error: 0.0030 | orient\_error: 0.0066

Ep: 1217 | done | Collision: 0 | ep\_r: 81.5 | step: 128 | pose\_error: 0.0042 | orient\_error: 0.0064

Ep: 1218 | done | Collision: 0 | ep\_r: 80.5 | step: 129 | pose\_error: 0.0059 | orient\_error: 0.0087

Ep: 1219 | done | Collision: 0 | ep\_r: 122.9 | step: 166 | pose\_error: 0.0061 | orient\_error: 0.0148

Ep: 1220 | done | Collision: 0 | ep\_r: 80.4 | step: 133 | pose\_error: 0.0041 | orient\_error: 0.0075

Ep: 1221 | done | Collision: 0 | ep\_r: 80.5 | step: 126 | pose\_error: 0.0033 | orient\_error: 0.0077

Ep: 1222 | done | Collision: 0 | ep\_r: 78.2 | step: 125 | pose\_error: 0.0041 | orient\_error: 0.0059

Ep: 1223 | done | Collision: 0 | ep\_r: 81.6 | step: 133 | pose\_error: 0.0038 | orient\_error: 0.0049

Ep: 1224 | done | Collision: 0 | ep\_r: 90.3 | step: 160 | pose\_error: 0.0077 | orient\_error: 0.0089

Ep: 1225 | done | Collision: 0 | ep\_r: 79.8 | step: 132 | pose\_error: 0.0067 | orient\_error: 0.0109

Ep: 1226 | done | Collision: 0 | ep\_r: 82.0 | step: 134 | pose\_error: 0.0070 | orient\_error: 0.0076

Ep: 1227 | done | Collision: 0 | ep\_r: 81.0 | step: 130 | pose\_error: 0.0044 | orient\_error: 0.0035

Ep: 1228 | done | Collision: 0 | ep\_r: 80.5 | step: 126 | pose\_error: 0.0021 | orient\_error: 0.0071

Ep: 1229 | done | Collision: 0 | ep\_r: 81.2 | step: 128 | pose\_error: 0.0057 | orient\_error: 0.0115

Ep: 1230 | done | Collision: 0 | ep\_r: 80.4 | step: 128 | pose\_error: 0.0054 | orient\_error: 0.0048

Ep: 1231 | done | Collision: 0 | ep\_r: 81.6 | step: 129 | pose\_error: 0.0022 | orient\_error: 0.0051

Ep: 1232 | done | Collision: 0 | ep\_r: 96.0 | step: 175 | pose\_error: 0.0059 | orient\_error: 0.0133

Ep: 1233 | done | Collision: 0 | ep\_r: 84.4 | step: 140 | pose\_error: 0.0036 | orient\_error: 0.0151

Ep: 1234 | done | Collision: 0 | ep\_r: 80.2 | step: 129 | pose\_error: 0.0053 | orient\_error: 0.0155

Ep: 1235 | done | Collision: 0 | ep\_r: 79.0 | step: 128 | pose\_error: 0.0060 | orient\_error: 0.0046

Ep: 1236 | done | Collision: 0 | ep\_r: 79.9 | step: 127 | pose\_error: 0.0059 | orient\_error: 0.0058

Ep: 1237 | done | Collision: 0 | ep\_r: 80.4 | step: 132 | pose\_error: 0.0048 | orient\_error: 0.0084

Ep: 1238 | done | Collision: 0 | ep\_r: 84.5 | step: 143 | pose\_error: 0.0073 | orient\_error: 0.0096

Ep: 1239 | done | Collision: 0 | ep\_r: 76.6 | step: 126 | pose\_error: 0.0032 | orient\_error: 0.0035

Ep: 1240 | done | Collision: 0 | ep\_r: 81.7 | step: 133 | pose\_error: 0.0031 | orient\_error: 0.0099

Ep: 1241 | done | Collision: 0 | ep\_r: 78.8 | step: 125 | pose\_error: 0.0008 | orient\_error: 0.0072

Ep: 1242 | done | Collision: 0 | ep\_r: 79.0 | step: 128 | pose\_error: 0.0013 | orient\_error: 0.0105

Ep: 1243 | done | Collision: 0 | ep\_r: 80.9 | step: 129 | pose\_error: 0.0058 | orient\_error: 0.0045

Ep: 1244 | done | Collision: 0 | ep\_r: 81.5 | step: 130 | pose\_error: 0.0032 | orient\_error: 0.0089

Ep: 1245 | done | Collision: 0 | ep\_r: 82.1 | step: 132 | pose\_error: 0.0028 | orient\_error: 0.0111

Ep: 1246 | done | Collision: 0 | ep\_r: 81.0 | step: 130 | pose\_error: 0.0070 | orient\_error: 0.0112

Ep: 1247 | done | Collision: 0 | ep\_r: 80.3 | step: 128 | pose\_error: 0.0041 | orient\_error: 0.0089

Ep: 1248 | done | Collision: 0 | ep\_r: 79.9 | step: 128 | pose\_error: 0.0063 | orient\_error: 0.0107

Ep: 1249 | done | Collision: 0 | ep\_r: 145.2 | step: 245 | pose\_error: 0.0053 | orient\_error: 0.0078

Ep: 1250 | done | Collision: 0 | ep\_r: 81.7 | step: 133 | pose\_error: 0.0048 | orient\_error: 0.0073

Ep: 1251 | done | Collision: 0 | ep\_r: 79.4 | step: 130 | pose\_error: 0.0013 | orient\_error: 0.0117

Ep: 1252 | done | Collision: 0 | ep\_r: 80.9 | step: 126 | pose\_error: 0.0019 | orient\_error: 0.0110

Ep: 1253 | done | Collision: 0 | ep\_r: 78.8 | step: 123 | pose\_error: 0.0045 | orient\_error: 0.0034

Ep: 1254 | done | Collision: 0 | ep\_r: 82.4 | step: 134 | pose\_error: 0.0031 | orient\_error: 0.0087

Ep: 1255 | done | Collision: 0 | ep\_r: 80.3 | step: 128 | pose\_error: 0.0033 | orient\_error: 0.0050

Ep: 1256 | done | Collision: 0 | ep\_r: 81.2 | step: 130 | pose\_error: 0.0042 | orient\_error: 0.0042

Ep: 1257 | done | Collision: 0 | ep\_r: 81.3 | step: 127 | pose\_error: 0.0033 | orient\_error: 0.0052

Ep: 1258 | done | Collision: 0 | ep\_r: 83.0 | step: 133 | pose\_error: 0.0046 | orient\_error: 0.0066

Ep: 1259 | done | Collision: 0 | ep\_r: 82.0 | step: 128 | pose\_error: 0.0019 | orient\_error: 0.0042

Ep: 1260 | done | Collision: 0 | ep\_r: 79.2 | step: 130 | pose\_error: 0.0011 | orient\_error: 0.0065

Ep: 1261 | done | Collision: 0 | ep\_r: 81.2 | step: 131 | pose\_error: 0.0025 | orient\_error: 0.0058

Ep: 1262 | done | Collision: 0 | ep\_r: 98.7 | step: 145 | pose\_error: 0.0063 | orient\_error: 0.0110

Ep: 1263 | done | Collision: 0 | ep\_r: 80.1 | step: 130 | pose\_error: 0.0022 | orient\_error: 0.0037

Ep: 1264 | done | Collision: 0 | ep\_r: 80.5 | step: 125 | pose\_error: 0.0025 | orient\_error: 0.0050

Ep: 1265 | done | Collision: 0 | ep\_r: 80.3 | step: 129 | pose\_error: 0.0029 | orient\_error: 0.0058

Ep: 1266 | done | Collision: 0 | ep\_r: 84.1 | step: 144 | pose\_error: 0.0049 | orient\_error: 0.0059

Ep: 1267 | done | Collision: 0 | ep\_r: 80.3 | step: 123 | pose\_error: 0.0024 | orient\_error: 0.0129

Ep: 1268 | done | Collision: 0 | ep\_r: 79.8 | step: 127 | pose\_error: 0.0038 | orient\_error: 0.0085

Ep: 1269 | done | Collision: 0 | ep\_r: 82.5 | step: 136 | pose\_error: 0.0035 | orient\_error: 0.0071

Ep: 1270 | done | Collision: 0 | ep\_r: 79.0 | step: 128 | pose\_error: 0.0023 | orient\_error: 0.0104

Ep: 1271 | done | Collision: 0 | ep\_r: 81.6 | step: 128 | pose\_error: 0.0025 | orient\_error: 0.0049

Ep: 1272 | done | Collision: 0 | ep\_r: 81.7 | step: 127 | pose\_error: 0.0044 | orient\_error: 0.0087

Ep: 1273 | done | Collision: 0 | ep\_r: 80.7 | step: 127 | pose\_error: 0.0032 | orient\_error: 0.0053

Ep: 1274 | done | Collision: 0 | ep\_r: 79.8 | step: 125 | pose\_error: 0.0007 | orient\_error: 0.0019

Ep: 1275 | done | Collision: 0 | ep\_r: 79.0 | step: 127 | pose\_error: 0.0044 | orient\_error: 0.0065

Ep: 1276 | done | Collision: 0 | ep\_r: 79.0 | step: 124 | pose\_error: 0.0026 | orient\_error: 0.0067

Ep: 1277 | done | Collision: 0 | ep\_r: 81.0 | step: 129 | pose\_error: 0.0046 | orient\_error: 0.0113

Ep: 1278 | done | Collision: 0 | ep\_r: 80.6 | step: 134 | pose\_error: 0.0018 | orient\_error: 0.0106

Ep: 1279 | done | Collision: 0 | ep\_r: 82.0 | step: 132 | pose\_error: 0.0034 | orient\_error: 0.0064

Ep: 1280 | done | Collision: 0 | ep\_r: 79.6 | step: 127 | pose\_error: 0.0013 | orient\_error: 0.0073

Ep: 1281 | done | Collision: 0 | ep\_r: 83.9 | step: 137 | pose\_error: 0.0051 | orient\_error: 0.0045

Ep: 1282 | done | Collision: 0 | ep\_r: 79.1 | step: 125 | pose\_error: 0.0044 | orient\_error: 0.0118

Ep: 1283 | done | Collision: 0 | ep\_r: 81.6 | step: 128 | pose\_error: 0.0021 | orient\_error: 0.0070

Ep: 1284 | done | Collision: 0 | ep\_r: 80.5 | step: 127 | pose\_error: 0.0047 | orient\_error: 0.0062

Ep: 1285 | done | Collision: 0 | ep\_r: 78.4 | step: 132 | pose\_error: 0.0018 | orient\_error: 0.0060

Ep: 1286 | done | Collision: 0 | ep\_r: 79.5 | step: 126 | pose\_error: 0.0024 | orient\_error: 0.0093

Ep: 1287 | done | Collision: 0 | ep\_r: 81.2 | step: 130 | pose\_error: 0.0020 | orient\_error: 0.0062

Ep: 1288 | done | Collision: 0 | ep\_r: 80.5 | step: 129 | pose\_error: 0.0045 | orient\_error: 0.0083

Ep: 1289 | done | Collision: 0 | ep\_r: 82.1 | step: 133 | pose\_error: 0.0045 | orient\_error: 0.0060

Ep: 1290 | done | Collision: 0 | ep\_r: 82.9 | step: 131 | pose\_error: 0.0040 | orient\_error: 0.0025

Ep: 1291 | done | Collision: 0 | ep\_r: 80.0 | step: 129 | pose\_error: 0.0024 | orient\_error: 0.0071

Ep: 1292 | done | Collision: 0 | ep\_r: 82.1 | step: 132 | pose\_error: 0.0055 | orient\_error: 0.0031

Ep: 1293 | done | Collision: 0 | ep\_r: 82.6 | step: 131 | pose\_error: 0.0054 | orient\_error: 0.0034

Ep: 1294 | done | Collision: 0 | ep\_r: 81.7 | step: 130 | pose\_error: 0.0061 | orient\_error: 0.0060

Ep: 1295 | done | Collision: 0 | ep\_r: 77.0 | step: 123 | pose\_error: 0.0064 | orient\_error: 0.0105

Ep: 1296 | done | Collision: 0 | ep\_r: 79.7 | step: 125 | pose\_error: 0.0040 | orient\_error: 0.0031

Ep: 1297 | done | Collision: 0 | ep\_r: 81.5 | step: 128 | pose\_error: 0.0046 | orient\_error: 0.0112

Ep: 1298 | done | Collision: 0 | ep\_r: 81.1 | step: 127 | pose\_error: 0.0006 | orient\_error: 0.0110

Ep: 1299 | done | Collision: 0 | ep\_r: 80.2 | step: 124 | pose\_error: 0.0047 | orient\_error: 0.0077

Ep: 1300 | done | Collision: 0 | ep\_r: 78.8 | step: 124 | pose\_error: 0.0032 | orient\_error: 0.0064

Ep: 1301 | done | Collision: 0 | ep\_r: 82.4 | step: 129 | pose\_error: 0.0014 | orient\_error: 0.0052

Ep: 1302 | done | Collision: 0 | ep\_r: 80.6 | step: 127 | pose\_error: 0.0026 | orient\_error: 0.0112

Ep: 1303 | done | Collision: 0 | ep\_r: 80.8 | step: 133 | pose\_error: 0.0068 | orient\_error: 0.0041

Ep: 1304 | done | Collision: 0 | ep\_r: 79.8 | step: 123 | pose\_error: 0.0018 | orient\_error: 0.0066

Ep: 1305 | done | Collision: 0 | ep\_r: 82.1 | step: 135 | pose\_error: 0.0054 | orient\_error: 0.0097

Ep: 1306 | done | Collision: 0 | ep\_r: 79.9 | step: 126 | pose\_error: 0.0020 | orient\_error: 0.0173

Ep: 1307 | done | Collision: 0 | ep\_r: 81.2 | step: 128 | pose\_error: 0.0063 | orient\_error: 0.0094

Ep: 1308 | done | Collision: 0 | ep\_r: 79.1 | step: 123 | pose\_error: 0.0037 | orient\_error: 0.0088

Ep: 1309 | done | Collision: 0 | ep\_r: 82.6 | step: 129 | pose\_error: 0.0017 | orient\_error: 0.0113

Ep: 1310 | done | Collision: 0 | ep\_r: 80.8 | step: 127 | pose\_error: 0.0018 | orient\_error: 0.0087

Ep: 1311 | done | Collision: 0 | ep\_r: 81.4 | step: 128 | pose\_error: 0.0033 | orient\_error: 0.0109

Ep: 1312 | done | Collision: 0 | ep\_r: 82.1 | step: 133 | pose\_error: 0.0026 | orient\_error: 0.0088

Ep: 1313 | done | Collision: 0 | ep\_r: 78.4 | step: 126 | pose\_error: 0.0058 | orient\_error: 0.0117

Ep: 1314 | done | Collision: 0 | ep\_r: 81.6 | step: 130 | pose\_error: 0.0039 | orient\_error: 0.0093

Ep: 1315 | done | Collision: 0 | ep\_r: 79.2 | step: 128 | pose\_error: 0.0041 | orient\_error: 0.0142

Ep: 1316 | done | Collision: 0 | ep\_r: 78.9 | step: 127 | pose\_error: 0.0044 | orient\_error: 0.0088

Ep: 1317 | done | Collision: 0 | ep\_r: 80.4 | step: 129 | pose\_error: 0.0034 | orient\_error: 0.0064

Ep: 1318 | done | Collision: 0 | ep\_r: 80.6 | step: 129 | pose\_error: 0.0049 | orient\_error: 0.0101

Ep: 1319 | done | Collision: 0 | ep\_r: 81.5 | step: 133 | pose\_error: 0.0032 | orient\_error: 0.0096

Ep: 1320 | done | Collision: 0 | ep\_r: 82.9 | step: 133 | pose\_error: 0.0027 | orient\_error: 0.0087

Ep: 1321 | done | Collision: 0 | ep\_r: 78.7 | step: 129 | pose\_error: 0.0009 | orient\_error: 0.0092

Ep: 1322 | done | Collision: 0 | ep\_r: 84.7 | step: 140 | pose\_error: 0.0052 | orient\_error: 0.0040

Ep: 1323 | done | Collision: 0 | ep\_r: 80.2 | step: 126 | pose\_error: 0.0062 | orient\_error: 0.0103

Ep: 1324 | done | Collision: 0 | ep\_r: 77.6 | step: 127 | pose\_error: 0.0038 | orient\_error: 0.0080

Ep: 1325 | done | Collision: 0 | ep\_r: 79.6 | step: 129 | pose\_error: 0.0043 | orient\_error: 0.0106

Ep: 1326 | done | Collision: 0 | ep\_r: 80.7 | step: 131 | pose\_error: 0.0055 | orient\_error: 0.0113

Ep: 1327 | done | Collision: 0 | ep\_r: 82.0 | step: 133 | pose\_error: 0.0031 | orient\_error: 0.0119

Ep: 1328 | done | Collision: 0 | ep\_r: 79.0 | step: 131 | pose\_error: 0.0066 | orient\_error: 0.0071

Ep: 1329 | done | Collision: 0 | ep\_r: 80.6 | step: 130 | pose\_error: 0.0033 | orient\_error: 0.0063

Ep: 1330 | done | Collision: 0 | ep\_r: 81.5 | step: 128 | pose\_error: 0.0059 | orient\_error: 0.0073

Ep: 1331 | done | Collision: 0 | ep\_r: 78.9 | step: 129 | pose\_error: 0.0023 | orient\_error: 0.0056

Ep: 1332 | done | Collision: 0 | ep\_r: 123.9 | step: 173 | pose\_error: 0.0036 | orient\_error: 0.0046

Ep: 1333 | done | Collision: 0 | ep\_r: 82.3 | step: 128 | pose\_error: 0.0029 | orient\_error: 0.0109

Ep: 1334 | done | Collision: 0 | ep\_r: 91.5 | step: 140 | pose\_error: 0.0028 | orient\_error: 0.0016

Ep: 1335 | done | Collision: 0 | ep\_r: 79.2 | step: 127 | pose\_error: 0.0031 | orient\_error: 0.0064

Ep: 1336 | done | Collision: 0 | ep\_r: 82.7 | step: 129 | pose\_error: 0.0019 | orient\_error: 0.0128

Ep: 1337 | done | Collision: 0 | ep\_r: 81.8 | step: 130 | pose\_error: 0.0052 | orient\_error: 0.0063

Ep: 1338 | done | Collision: 0 | ep\_r: 81.1 | step: 131 | pose\_error: 0.0064 | orient\_error: 0.0070

Ep: 1339 | done | Collision: 0 | ep\_r: 83.0 | step: 133 | pose\_error: 0.0036 | orient\_error: 0.0078

Ep: 1340 | done | Collision: 0 | ep\_r: 81.2 | step: 130 | pose\_error: 0.0058 | orient\_error: 0.0117

Ep: 1341 | done | Collision: 0 | ep\_r: 83.8 | step: 132 | pose\_error: 0.0036 | orient\_error: 0.0152

Ep: 1342 | done | Collision: 0 | ep\_r: 83.4 | step: 136 | pose\_error: 0.0045 | orient\_error: 0.0119

Ep: 1343 | done | Collision: 0 | ep\_r: 79.5 | step: 124 | pose\_error: 0.0033 | orient\_error: 0.0063

Ep: 1344 | done | Collision: 0 | ep\_r: 79.8 | step: 130 | pose\_error: 0.0060 | orient\_error: 0.0084

Ep: 1345 | done | Collision: 0 | ep\_r: 77.7 | step: 125 | pose\_error: 0.0032 | orient\_error: 0.0149

Ep: 1346 | done | Collision: 0 | ep\_r: 81.7 | step: 131 | pose\_error: 0.0041 | orient\_error: 0.0155

Ep: 1347 | done | Collision: 0 | ep\_r: 84.2 | step: 135 | pose\_error: 0.0016 | orient\_error: 0.0129

Ep: 1348 | done | Collision: 0 | ep\_r: 82.8 | step: 137 | pose\_error: 0.0035 | orient\_error: 0.0100

Ep: 1349 | done | Collision: 0 | ep\_r: 80.6 | step: 132 | pose\_error: 0.0044 | orient\_error: 0.0174

Ep: 1350 | done | Collision: 0 | ep\_r: 77.2 | step: 125 | pose\_error: 0.0051 | orient\_error: 0.0075

Ep: 1351 | done | Collision: 0 | ep\_r: 80.0 | step: 125 | pose\_error: 0.0057 | orient\_error: 0.0067

Ep: 1352 | done | Collision: 0 | ep\_r: 79.9 | step: 127 | pose\_error: 0.0027 | orient\_error: 0.0073

Ep: 1353 | done | Collision: 0 | ep\_r: 82.8 | step: 132 | pose\_error: 0.0052 | orient\_error: 0.0072

Ep: 1354 | done | Collision: 0 | ep\_r: 78.7 | step: 130 | pose\_error: 0.0049 | orient\_error: 0.0142

Ep: 1355 | done | Collision: 0 | ep\_r: 80.7 | step: 127 | pose\_error: 0.0023 | orient\_error: 0.0072

Ep: 1356 | done | Collision: 0 | ep\_r: 77.2 | step: 127 | pose\_error: 0.0046 | orient\_error: 0.0102

Ep: 1357 | done | Collision: 0 | ep\_r: 80.0 | step: 129 | pose\_error: 0.0041 | orient\_error: 0.0021

Ep: 1358 | done | Collision: 0 | ep\_r: 79.0 | step: 126 | pose\_error: 0.0023 | orient\_error: 0.0038

Ep: 1359 | done | Collision: 0 | ep\_r: 125.9 | step: 164 | pose\_error: 0.0065 | orient\_error: 0.0063

Ep: 1360 | done | Collision: 0 | ep\_r: 156.6 | step: 195 | pose\_error: 0.0062 | orient\_error: 0.0099

Ep: 1361 | done | Collision: 0 | ep\_r: 76.4 | step: 124 | pose\_error: 0.0052 | orient\_error: 0.0071

Ep: 1362 | done | Collision: 0 | ep\_r: 81.7 | step: 132 | pose\_error: 0.0011 | orient\_error: 0.0101

Ep: 1363 | done | Collision: 0 | ep\_r: 82.1 | step: 130 | pose\_error: 0.0033 | orient\_error: 0.0111

Ep: 1364 | done | Collision: 0 | ep\_r: 80.9 | step: 130 | pose\_error: 0.0026 | orient\_error: 0.0057

Ep: 1365 | done | Collision: 0 | ep\_r: 77.4 | step: 124 | pose\_error: 0.0038 | orient\_error: 0.0068

Ep: 1366 | done | Collision: 0 | ep\_r: 76.9 | step: 125 | pose\_error: 0.0015 | orient\_error: 0.0044

Ep: 1367 | done | Collision: 0 | ep\_r: 80.8 | step: 125 | pose\_error: 0.0043 | orient\_error: 0.0067

Ep: 1368 | done | Collision: 0 | ep\_r: 83.4 | step: 132 | pose\_error: 0.0017 | orient\_error: 0.0091

Ep: 1369 | done | Collision: 0 | ep\_r: 80.0 | step: 127 | pose\_error: 0.0019 | orient\_error: 0.0061

Ep: 1370 | done | Collision: 0 | ep\_r: 81.7 | step: 135 | pose\_error: 0.0035 | orient\_error: 0.0029

Ep: 1371 | done | Collision: 0 | ep\_r: 83.1 | step: 133 | pose\_error: 0.0026 | orient\_error: 0.0118

Ep: 1372 | done | Collision: 0 | ep\_r: 77.9 | step: 125 | pose\_error: 0.0057 | orient\_error: 0.0123

Ep: 1373 | done | Collision: 0 | ep\_r: 78.5 | step: 124 | pose\_error: 0.0028 | orient\_error: 0.0109

Ep: 1374 | done | Collision: 0 | ep\_r: 79.5 | step: 127 | pose\_error: 0.0036 | orient\_error: 0.0058

Ep: 1375 | done | Collision: 0 | ep\_r: 80.6 | step: 127 | pose\_error: 0.0024 | orient\_error: 0.0166

Ep: 1376 | done | Collision: 0 | ep\_r: 84.5 | step: 137 | pose\_error: 0.0029 | orient\_error: 0.0116

Ep: 1377 | done | Collision: 0 | ep\_r: 80.3 | step: 131 | pose\_error: 0.0028 | orient\_error: 0.0105

Ep: 1378 | done | Collision: 0 | ep\_r: 79.9 | step: 132 | pose\_error: 0.0042 | orient\_error: 0.0079

Ep: 1379 | done | Collision: 0 | ep\_r: 82.8 | step: 130 | pose\_error: 0.0041 | orient\_error: 0.0071

Ep: 1380 | done | Collision: 0 | ep\_r: 80.4 | step: 130 | pose\_error: 0.0035 | orient\_error: 0.0053

Ep: 1381 | done | Collision: 0 | ep\_r: 80.9 | step: 127 | pose\_error: 0.0070 | orient\_error: 0.0101

Ep: 1382 | done | Collision: 0 | ep\_r: 81.6 | step: 132 | pose\_error: 0.0036 | orient\_error: 0.0056

Ep: 1383 | done | Collision: 0 | ep\_r: 79.6 | step: 127 | pose\_error: 0.0028 | orient\_error: 0.0090

Ep: 1384 | done | Collision: 0 | ep\_r: 81.5 | step: 130 | pose\_error: 0.0033 | orient\_error: 0.0106

Ep: 1385 | done | Collision: 0 | ep\_r: 81.5 | step: 134 | pose\_error: 0.0038 | orient\_error: 0.0080

Ep: 1386 | done | Collision: 0 | ep\_r: 79.8 | step: 131 | pose\_error: 0.0029 | orient\_error: 0.0122

Ep: 1387 | done | Collision: 0 | ep\_r: 80.8 | step: 129 | pose\_error: 0.0032 | orient\_error: 0.0051

Ep: 1388 | done | Collision: 0 | ep\_r: 80.7 | step: 127 | pose\_error: 0.0013 | orient\_error: 0.0079

Ep: 1389 | done | Collision: 0 | ep\_r: 78.5 | step: 130 | pose\_error: 0.0029 | orient\_error: 0.0038

Ep: 1390 | done | Collision: 0 | ep\_r: 79.7 | step: 127 | pose\_error: 0.0061 | orient\_error: 0.0132

Ep: 1391 | done | Collision: 0 | ep\_r: 79.3 | step: 125 | pose\_error: 0.0042 | orient\_error: 0.0054

Ep: 1392 | done | Collision: 0 | ep\_r: 76.9 | step: 122 | pose\_error: 0.0027 | orient\_error: 0.0052

Ep: 1393 | done | Collision: 0 | ep\_r: 79.9 | step: 127 | pose\_error: 0.0023 | orient\_error: 0.0129

Ep: 1394 | done | Collision: 0 | ep\_r: 81.5 | step: 128 | pose\_error: 0.0042 | orient\_error: 0.0135

Ep: 1395 | done | Collision: 0 | ep\_r: 80.5 | step: 127 | pose\_error: 0.0035 | orient\_error: 0.0103

Ep: 1396 | done | Collision: 0 | ep\_r: 77.8 | step: 128 | pose\_error: 0.0064 | orient\_error: 0.0179

Ep: 1397 | done | Collision: 0 | ep\_r: 79.5 | step: 127 | pose\_error: 0.0045 | orient\_error: 0.0146

Ep: 1398 | done | Collision: 0 | ep\_r: 80.4 | step: 134 | pose\_error: 0.0049 | orient\_error: 0.0086

Ep: 1399 | done | Collision: 0 | ep\_r: 82.3 | step: 134 | pose\_error: 0.0043 | orient\_error: 0.0171

Ep: 1400 | done | Collision: 0 | ep\_r: 82.8 | step: 131 | pose\_error: 0.0034 | orient\_error: 0.0050

Ep: 1401 | done | Collision: 0 | ep\_r: 84.9 | step: 137 | pose\_error: 0.0031 | orient\_error: 0.0174

Ep: 1402 | done | Collision: 0 | ep\_r: 83.2 | step: 133 | pose\_error: 0.0011 | orient\_error: 0.0114

Ep: 1403 | done | Collision: 0 | ep\_r: 82.0 | step: 134 | pose\_error: 0.0051 | orient\_error: 0.0043

Ep: 1404 | done | Collision: 0 | ep\_r: 79.6 | step: 131 | pose\_error: 0.0047 | orient\_error: 0.0072

Ep: 1405 | done | Collision: 0 | ep\_r: 80.5 | step: 126 | pose\_error: 0.0020 | orient\_error: 0.0081

Ep: 1406 | done | Collision: 0 | ep\_r: 78.4 | step: 131 | pose\_error: 0.0051 | orient\_error: 0.0088

Ep: 1407 | done | Collision: 0 | ep\_r: 80.1 | step: 127 | pose\_error: 0.0027 | orient\_error: 0.0079

Ep: 1408 | done | Collision: 0 | ep\_r: 81.9 | step: 129 | pose\_error: 0.0027 | orient\_error: 0.0084

Ep: 1409 | done | Collision: 0 | ep\_r: 75.3 | step: 128 | pose\_error: 0.0055 | orient\_error: 0.0093

Ep: 1410 | done | Collision: 0 | ep\_r: 79.0 | step: 128 | pose\_error: 0.0022 | orient\_error: 0.0206

Ep: 1411 | done | Collision: 0 | ep\_r: 82.2 | step: 128 | pose\_error: 0.0025 | orient\_error: 0.0027

Ep: 1412 | done | Collision: 0 | ep\_r: 78.8 | step: 128 | pose\_error: 0.0017 | orient\_error: 0.0036

Ep: 1413 | done | Collision: 0 | ep\_r: 78.9 | step: 128 | pose\_error: 0.0044 | orient\_error: 0.0121

Ep: 1414 | done | Collision: 0 | ep\_r: 83.6 | step: 136 | pose\_error: 0.0043 | orient\_error: 0.0189

Ep: 1415 | done | Collision: 0 | ep\_r: 77.7 | step: 128 | pose\_error: 0.0037 | orient\_error: 0.0140

Ep: 1416 | done | Collision: 0 | ep\_r: 81.0 | step: 129 | pose\_error: 0.0027 | orient\_error: 0.0044

Ep: 1417 | done | Collision: 0 | ep\_r: 79.1 | step: 126 | pose\_error: 0.0052 | orient\_error: 0.0097

Ep: 1418 | done | Collision: 0 | ep\_r: 78.5 | step: 124 | pose\_error: 0.0056 | orient\_error: 0.0044

Ep: 1419 | done | Collision: 0 | ep\_r: 80.3 | step: 126 | pose\_error: 0.0030 | orient\_error: 0.0058

Ep: 1420 | done | Collision: 0 | ep\_r: 80.6 | step: 127 | pose\_error: 0.0027 | orient\_error: 0.0115

Ep: 1421 | done | Collision: 0 | ep\_r: 76.5 | step: 125 | pose\_error: 0.0044 | orient\_error: 0.0120

Ep: 1422 | done | Collision: 0 | ep\_r: 80.4 | step: 127 | pose\_error: 0.0027 | orient\_error: 0.0157

Ep: 1423 | done | Collision: 0 | ep\_r: 140.9 | step: 213 | pose\_error: 0.0062 | orient\_error: 0.0134

Ep: 1424 | done | Collision: 0 | ep\_r: 110.3 | step: 203 | pose\_error: 0.0059 | orient\_error: 0.0153

Ep: 1425 | done | Collision: 0 | ep\_r: 93.7 | step: 170 | pose\_error: 0.0030 | orient\_error: 0.0059

Ep: 1426 | done | Collision: 0 | ep\_r: 80.5 | step: 132 | pose\_error: 0.0047 | orient\_error: 0.0150

Ep: 1427 | done | Collision: 0 | ep\_r: 80.7 | step: 130 | pose\_error: 0.0024 | orient\_error: 0.0090

Ep: 1428 | done | Collision: 0 | ep\_r: 81.4 | step: 136 | pose\_error: 0.0051 | orient\_error: 0.0130

Ep: 1429 | done | Collision: 0 | ep\_r: 84.8 | step: 141 | pose\_error: 0.0066 | orient\_error: 0.0182

Ep: 1430 | done | Collision: 0 | ep\_r: 81.0 | step: 137 | pose\_error: 0.0048 | orient\_error: 0.0096

Ep: 1431 | done | Collision: 0 | ep\_r: 78.5 | step: 127 | pose\_error: 0.0039 | orient\_error: 0.0172

Ep: 1432 | done | Collision: 0 | ep\_r: 78.2 | step: 126 | pose\_error: 0.0043 | orient\_error: 0.0086

Ep: 1433 | done | Collision: 0 | ep\_r: 80.8 | step: 134 | pose\_error: 0.0029 | orient\_error: 0.0206

Ep: 1434 | done | Collision: 0 | ep\_r: 126.8 | step: 188 | pose\_error: 0.0035 | orient\_error: 0.0062

Ep: 1435 | done | Collision: 0 | ep\_r: 80.3 | step: 128 | pose\_error: 0.0019 | orient\_error: 0.0117

Ep: 1436 | done | Collision: 0 | ep\_r: 75.1 | step: 128 | pose\_error: 0.0037 | orient\_error: 0.0130

Ep: 1437 | done | Collision: 0 | ep\_r: 77.4 | step: 127 | pose\_error: 0.0036 | orient\_error: 0.0091

Ep: 1438 | done | Collision: 0 | ep\_r: 78.3 | step: 128 | pose\_error: 0.0053 | orient\_error: 0.0147

Ep: 1439 | done | Collision: 0 | ep\_r: 78.1 | step: 128 | pose\_error: 0.0041 | orient\_error: 0.0104

Ep: 1440 | done | Collision: 0 | ep\_r: 75.8 | step: 125 | pose\_error: 0.0038 | orient\_error: 0.0085

Ep: 1441 | done | Collision: 0 | ep\_r: 73.6 | step: 127 | pose\_error: 0.0026 | orient\_error: 0.0094

Ep: 1442 | done | Collision: 0 | ep\_r: 77.2 | step: 126 | pose\_error: 0.0026 | orient\_error: 0.0103

Ep: 1443 | done | Collision: 0 | ep\_r: 80.0 | step: 130 | pose\_error: 0.0040 | orient\_error: 0.0109

Ep: 1444 | done | Collision: 0 | ep\_r: 80.6 | step: 133 | pose\_error: 0.0018 | orient\_error: 0.0219

Ep: 1445 | done | Collision: 0 | ep\_r: 77.1 | step: 127 | pose\_error: 0.0026 | orient\_error: 0.0126

Ep: 1446 | done | Collision: 0 | ep\_r: 82.4 | step: 131 | pose\_error: 0.0017 | orient\_error: 0.0123

Ep: 1447 | done | Collision: 0 | ep\_r: 75.2 | step: 123 | pose\_error: 0.0055 | orient\_error: 0.0020

Ep: 1448 | done | Collision: 0 | ep\_r: 79.9 | step: 127 | pose\_error: 0.0053 | orient\_error: 0.0096

Ep: 1449 | done | Collision: 0 | ep\_r: 83.2 | step: 133 | pose\_error: 0.0031 | orient\_error: 0.0089

Ep: 1450 | done | Collision: 0 | ep\_r: 82.2 | step: 128 | pose\_error: 0.0016 | orient\_error: 0.0025

Ep: 1451 | done | Collision: 0 | ep\_r: 81.3 | step: 131 | pose\_error: 0.0020 | orient\_error: 0.0146

Ep: 1452 | done | Collision: 0 | ep\_r: 78.7 | step: 129 | pose\_error: 0.0035 | orient\_error: 0.0094

Ep: 1453 | done | Collision: 0 | ep\_r: 78.7 | step: 128 | pose\_error: 0.0039 | orient\_error: 0.0078

Ep: 1454 | done | Collision: 0 | ep\_r: 81.0 | step: 132 | pose\_error: 0.0015 | orient\_error: 0.0102

Ep: 1455 | done | Collision: 0 | ep\_r: 77.0 | step: 125 | pose\_error: 0.0032 | orient\_error: 0.0126

Ep: 1456 | done | Collision: 0 | ep\_r: 82.9 | step: 132 | pose\_error: 0.0035 | orient\_error: 0.0119

Ep: 1457 | done | Collision: 0 | ep\_r: 82.7 | step: 133 | pose\_error: 0.0030 | orient\_error: 0.0122

Ep: 1458 | done | Collision: 0 | ep\_r: 78.9 | step: 128 | pose\_error: 0.0050 | orient\_error: 0.0105

Ep: 1459 | done | Collision: 0 | ep\_r: 77.7 | step: 125 | pose\_error: 0.0046 | orient\_error: 0.0077

Ep: 1460 | done | Collision: 0 | ep\_r: 81.8 | step: 128 | pose\_error: 0.0025 | orient\_error: 0.0055

Ep: 1461 | done | Collision: 0 | ep\_r: 81.8 | step: 131 | pose\_error: 0.0027 | orient\_error: 0.0112

Ep: 1462 | done | Collision: 0 | ep\_r: 80.9 | step: 129 | pose\_error: 0.0046 | orient\_error: 0.0050

Ep: 1463 | done | Collision: 0 | ep\_r: 79.2 | step: 125 | pose\_error: 0.0036 | orient\_error: 0.0054

Ep: 1464 | done | Collision: 0 | ep\_r: 82.7 | step: 133 | pose\_error: 0.0029 | orient\_error: 0.0059

Ep: 1465 | done | Collision: 0 | ep\_r: 78.0 | step: 124 | pose\_error: 0.0059 | orient\_error: 0.0044

Ep: 1466 | done | Collision: 0 | ep\_r: 81.0 | step: 126 | pose\_error: 0.0014 | orient\_error: 0.0197

Ep: 1467 | done | Collision: 0 | ep\_r: 80.3 | step: 130 | pose\_error: 0.0020 | orient\_error: 0.0108

Ep: 1468 | done | Collision: 0 | ep\_r: 81.7 | step: 128 | pose\_error: 0.0045 | orient\_error: 0.0052

Ep: 1469 | done | Collision: 0 | ep\_r: 82.1 | step: 131 | pose\_error: 0.0037 | orient\_error: 0.0103

Ep: 1470 | done | Collision: 0 | ep\_r: 80.7 | step: 126 | pose\_error: 0.0044 | orient\_error: 0.0140

Ep: 1471 | done | Collision: 0 | ep\_r: 82.4 | step: 130 | pose\_error: 0.0017 | orient\_error: 0.0151

Ep: 1472 | done | Collision: 0 | ep\_r: 80.5 | step: 132 | pose\_error: 0.0037 | orient\_error: 0.0144

Ep: 1473 | done | Collision: 0 | ep\_r: 78.9 | step: 129 | pose\_error: 0.0040 | orient\_error: 0.0163

Ep: 1474 | done | Collision: 0 | ep\_r: 79.9 | step: 130 | pose\_error: 0.0049 | orient\_error: 0.0096

Ep: 1475 | done | Collision: 0 | ep\_r: 81.4 | step: 129 | pose\_error: 0.0050 | orient\_error: 0.0052

Ep: 1476 | done | Collision: 0 | ep\_r: 80.4 | step: 128 | pose\_error: 0.0074 | orient\_error: 0.0078

Ep: 1477 | done | Collision: 0 | ep\_r: 80.6 | step: 131 | pose\_error: 0.0017 | orient\_error: 0.0121

Ep: 1478 | --- | Collision: 0 | ep\_r: 151.6 | step: 300 | pose\_error: 0.0090 | orient\_error: 0.0127

Ep: 1479 | done | Collision: 0 | ep\_r: 108.9 | step: 170 | pose\_error: 0.0046 | orient\_error: 0.0117

Ep: 1480 | done | Collision: 0 | ep\_r: 83.2 | step: 135 | pose\_error: 0.0045 | orient\_error: 0.0122

Ep: 1481 | done | Collision: 0 | ep\_r: 88.8 | step: 157 | pose\_error: 0.0049 | orient\_error: 0.0108

Ep: 1482 | done | Collision: 0 | ep\_r: 107.3 | step: 145 | pose\_error: 0.0048 | orient\_error: 0.0077

Ep: 1483 | done | Collision: 0 | ep\_r: 80.2 | step: 127 | pose\_error: 0.0049 | orient\_error: 0.0058

Ep: 1484 | done | Collision: 0 | ep\_r: 80.3 | step: 133 | pose\_error: 0.0082 | orient\_error: 0.0102

Ep: 1485 | done | Collision: 0 | ep\_r: 79.2 | step: 130 | pose\_error: 0.0055 | orient\_error: 0.0074

Ep: 1486 | done | Collision: 0 | ep\_r: 80.5 | step: 127 | pose\_error: 0.0017 | orient\_error: 0.0070

Ep: 1487 | done | Collision: 0 | ep\_r: 80.4 | step: 131 | pose\_error: 0.0067 | orient\_error: 0.0048

Ep: 1488 | done | Collision: 0 | ep\_r: 78.3 | step: 126 | pose\_error: 0.0049 | orient\_error: 0.0053

Ep: 1489 | done | Collision: 0 | ep\_r: 80.8 | step: 130 | pose\_error: 0.0037 | orient\_error: 0.0230

Ep: 1490 | done | Collision: 0 | ep\_r: 81.2 | step: 132 | pose\_error: 0.0016 | orient\_error: 0.0128

Ep: 1491 | done | Collision: 0 | ep\_r: 82.6 | step: 133 | pose\_error: 0.0037 | orient\_error: 0.0107

Ep: 1492 | done | Collision: 0 | ep\_r: 80.9 | step: 133 | pose\_error: 0.0025 | orient\_error: 0.0127

Ep: 1493 | done | Collision: 0 | ep\_r: 78.5 | step: 127 | pose\_error: 0.0054 | orient\_error: 0.0057

Ep: 1494 | done | Collision: 0 | ep\_r: 80.2 | step: 127 | pose\_error: 0.0047 | orient\_error: 0.0049

Ep: 1495 | done | Collision: 0 | ep\_r: 83.3 | step: 134 | pose\_error: 0.0049 | orient\_error: 0.0102

Ep: 1496 | done | Collision: 0 | ep\_r: 82.6 | step: 132 | pose\_error: 0.0015 | orient\_error: 0.0125

Ep: 1497 | done | Collision: 0 | ep\_r: 79.6 | step: 131 | pose\_error: 0.0053 | orient\_error: 0.0131

Ep: 1498 | done | Collision: 0 | ep\_r: 81.7 | step: 131 | pose\_error: 0.0053 | orient\_error: 0.0084

Ep: 1499 | done | Collision: 0 | ep\_r: 87.6 | step: 150 | pose\_error: 0.0059 | orient\_error: 0.0077

Ep: 1500 | done | Collision: 0 | ep\_r: 80.0 | step: 125 | pose\_error: 0.0050 | orient\_error: 0.0033