

## Navigation Logging INFO:

now gotopt: 2

goal: (0.3048, -0.3048, 0)

rot\_1: 0.0 trans: 0.9144000000000001 rot\_2: 0.0

goal\_dist: 1.5116 cur\_dist: 2.426

2022-05-13 17:27:23,267 | INFO |: Initializing beliefs with a Uniform Distribution

2022-05-13 17:27:23,267 | INFO |: Uniform Belief with each cell value:

0.00051440329218107

2022-05-13 17:28:03,346 | INFO |: Update Step

2022-05-13 17:28:03,346 | INFO |: Update Step

2022-05-13 17:28:03,353 | INFO |: | Update Time: 0.007 secs

2022-05-13 17:28:03,353 | INFO |: | Update Time: 0.007 secs

2022-05-13 17:28:03,353 | INFO |: Bel index : (6, 3, 8) with prob = 0.9999995

2022-05-13 17:28:03,353 | INFO |: Bel index : (6, 3, 8) with prob = 0.9999995

2022-05-13 17:28:03,361 | INFO |: Bel\_bar prob at index = 0.00051440329218107

2022-05-13 17:28:03,361 | INFO |: Bel\_bar prob at index = 0.00051440329218107

2022-05-13 17:28:03,361 | INFO |: Belief : (0.305, -0.305, -10.000)

2022-05-13 17:28:03,361 | INFO |: Belief : (0.305, -0.305, -10.000)

cur\_pose: (0.3048000000000003, -0.30479999999999985, -10.0)

now gotopt: 3

goal: (0.6096, -0.9144000000000001, 0)

rot\_1: -53.434948822922046 trans: 0.681553519541936 rot\_2: 63.434948822922046

goal\_dist: 0.540446480458064 cur\_dist: 1.222

2022-05-13 17:28:13,359 | INFO |: Initializing beliefs with a Uniform Distribution

2022-05-13 17:28:13,359 | INFO |: Uniform Belief with each cell value:

0.00051440329218107

2022-05-13 17:28:53,618 | INFO |: Update Step

2022-05-13 17:28:53,618 | INFO |: Update Step

2022-05-13 17:28:53,632 | INFO |: | Update Time: 0.014 secs

2022-05-13 17:28:53,632 | INFO |: | Update Time: 0.014 secs

2022-05-13 17:28:53,632 | INFO |: Bel index : (8, 2, 6) with prob = 0.7277545

2022-05-13 17:28:53,632 | INFO |: Bel index : (8, 2, 6) with prob = 0.7277545

2022-05-13 17:28:53,640 | INFO |: Bel\_bar prob at index = 0.00051440329218107

2022-05-13 17:28:53,640 | INFO |: Bel\_bar prob at index = 0.00051440329218107

2022-05-13 17:28:53,640 | INFO |: Belief : (0.914, -0.610, -50.000)

2022-05-13 17:28:53,640 | INFO |: Belief : (0.914, -0.610, -50.000)

cur\_pose: (0.9144000000000002, -0.6095999999999999, -50.0)

now gotopt: 4

goal: (1.524, -0.9144000000000001, 0)

rot\_1: 23.43494882292199 trans: 0.6815535195419358 rot\_2: 26.56505117707801

goal\_dist: 0.3924464804580643 cur\_dist: 1.074

2022-05-13 17:29:03,582 | INFO |: Initializing beliefs with a Uniform Distribution

2022-05-13 17:29:03,582 | INFO | : Uniform Belief with each cell value:  
0.00051440329218107  
2022-05-13 17:29:44,020 | INFO | : Update Step  
2022-05-13 17:29:44,020 | INFO | : Update Step  
2022-05-13 17:29:44,028 | INFO | : | Update Time: 0.000 secs  
2022-05-13 17:29:44,028 | INFO | : | Update Time: 0.000 secs  
2022-05-13 17:29:44,036 | INFO | : Bel index : (10, 1, 8) with prob = 1.0  
2022-05-13 17:29:44,036 | INFO | : Bel index : (10, 1, 8) with prob = 1.0  
2022-05-13 17:29:44,036 | INFO | : Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:29:44,036 | INFO | : Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:29:44,036 | INFO | : Belief : (1.524, -0.914, -10.000)  
2022-05-13 17:29:44,036 | INFO | : Belief : (1.524, -0.914, -10.000)  
cur\_pose: (1.5240000000000002, -0.9144, -10.0)  
now gotopt: 5  
goal: (1.524, -0.6096, 0)  
rot\_1: 100.00000000000006 trans: 0.30479999999999996 rot\_2: -90.00000000000006  
goal\_dist: 0.5872 cur\_dist: 0.892  
2022-05-13 17:29:54,035 | INFO | : Initializing beliefs with a Uniform Distribution  
2022-05-13 17:29:54,035 | INFO | : Uniform Belief with each cell value:  
0.00051440329218107  
2022-05-13 17:30:34,186 | INFO | : Update Step  
2022-05-13 17:30:34,186 | INFO | : Update Step  
2022-05-13 17:30:34,194 | INFO | : | Update Time: 0.008 secs  
2022-05-13 17:30:34,194 | INFO | : | Update Time: 0.008 secs  
2022-05-13 17:30:34,194 | INFO | : Bel index : (9, 2, 14) with prob = 1.0  
2022-05-13 17:30:34,194 | INFO | : Bel index : (9, 2, 14) with prob = 1.0  
2022-05-13 17:30:34,202 | INFO | : Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:30:34,202 | INFO | : Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:30:34,202 | INFO | : Belief : (1.219, -0.610, 110.000)  
2022-05-13 17:30:34,202 | INFO | : Belief : (1.219, -0.610, 110.000)  
cur\_pose: (1.2192000000000005, -0.6095999999999999, 110.0)  
now gotopt: 6  
goal: (1.524, 0.9144000000000001, 0)  
rot\_1: -31.3099324740202 trans: 1.5541811477430807 rot\_2: -78.6900675259798  
goal\_dist: 0.22781885225691934 cur\_dist: 1.782  
2022-05-13 17:30:44,254 | INFO | : Initializing beliefs with a Uniform Distribution  
2022-05-13 17:30:44,254 | INFO | : Uniform Belief with each cell value:  
0.00051440329218107  
2022-05-13 17:31:24,645 | INFO | : Update Step  
2022-05-13 17:31:24,645 | INFO | : Update Step  
2022-05-13 17:31:24,653 | INFO | : | Update Time: 0.009 secs  
2022-05-13 17:31:24,653 | INFO | : | Update Time: 0.009 secs  
2022-05-13 17:31:24,653 | INFO | : Bel index : (10, 6, 13) with prob = 0.9999998  
2022-05-13 17:31:24,653 | INFO | : Bel index : (10, 6, 13) with prob = 0.9999998

2022-05-13 17:31:24,653 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:31:24,653 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:31:24,661 | INFO |: Belief : (1.524, 0.610, 90.000)  
2022-05-13 17:31:24,661 | INFO |: Belief : (1.524, 0.610, 90.000)  
cur\_pose: (1.5240000000000002, 0.6096000000000003, 90.0)  
now gotopt: 7  
goal: (0.0, 0.9144000000000001, 0)  
rot\_1: 78.6900675259798 trans: 1.554181147743081 rot\_2: -168.6900675259798  
goal\_dist: 0.3358188522569192 cur\_dist: 1.8900000000000001  
2022-05-13 17:31:34,544 | INFO |: Initializing beliefs with a Uniform Distribution  
2022-05-13 17:31:34,544 | INFO |: Uniform Belief with each cell value:  
0.00051440329218107  
2022-05-13 17:32:14,917 | INFO |: Update Step  
2022-05-13 17:32:14,917 | INFO |: Update Step  
2022-05-13 17:32:14,932 | INFO |: | Update Time: 0.016 secs  
2022-05-13 17:32:14,932 | INFO |: | Update Time: 0.016 secs  
2022-05-13 17:32:14,934 | INFO |: Bel index : (4, 6, 0) with prob = 0.9999521  
2022-05-13 17:32:14,934 | INFO |: Bel index : (4, 6, 0) with prob = 0.9999521  
2022-05-13 17:32:14,934 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:32:14,934 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:32:14,942 | INFO |: Belief : (-0.305, 0.610, -170.000)  
2022-05-13 17:32:14,942 | INFO |: Belief : (-0.305, 0.610, -170.000)  
cur\_pose: (-0.30479999999999985, 0.6096000000000003, -170.0)  
now gotopt: 8  
goal: (0.0, 0.0, 0)  
rot\_1: 106.56505117707798 trans: 0.6815535195419361 rot\_2: 63.434948822922024  
goal\_dist: 0.9864464804580638 cur\_dist: 1.668  
2022-05-13 17:32:24,938 | INFO |: Initializing beliefs with a Uniform Distribution  
2022-05-13 17:32:24,938 | INFO |: Uniform Belief with each cell value:  
0.00051440329218107  
2022-05-13 17:33:05,207 | INFO |: Update Step  
2022-05-13 17:33:05,207 | INFO |: Update Step  
2022-05-13 17:33:05,213 | INFO |: | Update Time: 0.006 secs  
2022-05-13 17:33:05,213 | INFO |: | Update Time: 0.006 secs  
2022-05-13 17:33:05,213 | INFO |: Bel index : (8, 2, 6) with prob = 0.9999999  
2022-05-13 17:33:05,213 | INFO |: Bel index : (8, 2, 6) with prob = 0.9999999  
2022-05-13 17:33:05,221 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:33:05,221 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:33:05,221 | INFO |: Belief : (0.914, -0.610, -50.000)  
2022-05-13 17:33:05,221 | INFO |: Belief : (0.914, -0.610, -50.000)  
cur\_pose: (0.9144000000000002, -0.6095999999999999, -50.0)  
goal: (0.0, 0.0, 0)  
rot\_1: -163.69006752597977 trans: 1.098972028761424 rot\_2: -146.30993247402023  
goal\_dist: 1.3880279712385761 cur\_dist: 2.487

2022-05-13 17:33:15,165 | INFO |: Initializing beliefs with a Uniform Distribution  
2022-05-13 17:33:15,165 | INFO |: Uniform Belief with each cell value:  
0.00051440329218107  
2022-05-13 17:33:55,238 | INFO |: Update Step  
2022-05-13 17:33:55,238 | INFO |: Update Step  
2022-05-13 17:33:55,253 | INFO |: | Update Time: 0.015 secs  
2022-05-13 17:33:55,253 | INFO |: | Update Time: 0.015 secs  
2022-05-13 17:33:55,253 | INFO |: Bel index : (4, 3, 17) with prob = 0.4237067  
2022-05-13 17:33:55,253 | INFO |: Bel index : (4, 3, 17) with prob = 0.4237067  
2022-05-13 17:33:55,261 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:33:55,261 | INFO |: Bel\_bar prob at index = 0.00051440329218107  
2022-05-13 17:33:55,261 | INFO |: Belief : (-0.305, -0.305, 170.000)  
2022-05-13 17:33:55,261 | INFO |: Belief : (-0.305, -0.305, 170.000)  
cur\_pose: (-0.30479999999999985, -0.30479999999999985, 170.0)