|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAP 4 | Sol Distance | States Seen | States Seen Unique | Avg Time Cost |
| BFS | 20 | 1228 | 764 | 0.015 |
| IDS | 20 | 20880 | 10527 | 0.229 |
| First A\* | 20 | 528 | 237 | 0.02 |
| Second A\* | 20 | 1106 | 304 | 0.036 |
| First Weighted A\* | 20 | 574 | 229 | 0.02 |
| Second Weighted A\* | 20 | 1106 | 304 | 0.037 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAP 2 | Sol Distance | States Seen | States Seen Unique | Avg Time Cost |
| BFS | 48 | 9198 | 2488 | 0.1 |
| IDS | 48 | 221146 | 59930 | 2.043 |
| First A\* | 48 | 2492 | 2303 | 0.1 |
| Second A\* | 48 | 2492 | 2303 | 0.17 |
| First Weighted A\* | 48 | 2492 | 2303 | 0.12 |
| Second Weighted A\* | 48 | 2492 | 2303 | 0.11 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAP 3 | Sol Distance | States Seen | States Seen Unique | Avg Time Cost |
| BFS | 68 | 1463633 | 762724 | 2.88 |
| IDS | 68 | 96861235 | 1964852 | 85.215 |
| First A\* | 68 | 13632 | 6674 | 0.963 |
| Second A\* | 68 | 59886 | 29470 | 10.15 |
| First Weighted A\* | 68 | 17738 | 8695 | 1.48 |
| Second Weighted A\* | 68 | 34434 | 16927 | 3.8 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| MAP 4 | Sol Distance | States Seen | States Seen Unique | Avg Time Cost |
| BFS | 92 | 1821 | 1259 | 0.025 |
| IDS | 92 | 98985 | 68229 | 0.88 |
| First A\* | 92 | 1259 | 456 | 0.020 |
| Second A\* | 92 | 1259 | 456 | 0.019 |
| First Weighted A\* | 92 | 1259 | 456 | 0.046 |
| Second Weighted A\* | 92 | 1259 | 456 | 0.02 |