Practica inteligència artificial

# GRAU Ingenyeria informàtica

The Pacman Project.

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Taula dades

H1 = Distància Manhattan

H2= Distància Euclides

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| BigMaze: | BFS | DFS | IDS | UCS | Greedy | A\*-h1 | A\*-h2 |
| TEMPS | 0.108 | 0.0722 | 0.0729 | 0.109 | 0.106 | 0.107 | 0.135 |
| COST | 210 | 210 | 210 | 210 | 210 | 210 | 210 |
| NODES EXPANDED | 620 | 390 | 390 | 620 | 591 | 589 | 589 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| superMaze: | BFS | DFS | IDS | UCS | Greedy | A\*-h1 | A\*-h2 |
| TEMPS | 1.160 | 0.188 | 0.192 | 1.183 | 1.186 | 1.217 | 1.185 |
| COST | 188 | 716 | 716 | 188 | 188 | 188 | 188 |
| NODES EXPANDED | 7191 | 1088 | 1088 | 7191 | 7191 | 7191 | 7189 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
| ultraMaze: | BFS | DFS | IDS | UCS | Greedy | A\*-h1 | A\*-h2 |
| TEMPS | 17.420 | 5.167 | 5.294 | 17.617 | 18.127 | 17.956 | 17.837 |
| COST | 762 | 2154 | 2154 | 762 | 762 | 762 | 762 |
| NODES EXPANDED | 100135 | 31517 | 31517 | 100135 | 100104 | 100101 | 99285 |