## Línea horizontal

A black and white text on a white background

AI-generated content may be incorrect.

Comparación de algoritmos

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**─**

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# Tabla comparativa

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Algoritmo** |  |  | | --- | |  | | Completitud | Optimalidad | |  | | --- | |  |  |  | | --- | | **Complejidad de Tiempo** | | Complejidad de Espacio | | **Observaciones** | | --- |  |  | | --- | |  | |
| |  | | --- | | **BFS (Búsqueda en Anchura)** |  |  | | --- | |  | | Sí | |  | | --- | | Sí |  |  | | --- | |  | | O(bd) | O(bd) | Busca en todos los nodos a la misma profundidad antes de avanzar. |
| |  | | --- | | **DFS (Búsqueda en Profundidad)** |  |  | | --- | |  | | |  | | --- | | No |  |  | | --- | |  | | No | O(bd) | |  | | --- | | O(d) |  |  | | --- | |  | | |  | | --- | |  |  |  | | --- | | Tado literalmente 3 vecez mas que bfs porque busca aunque no sea por ahí la solucion | |
| |  | | --- | | **UCS (Costo Uniforme)** |  |  | | --- | |  | | Sí | Sí | |  | | --- | | O(b^C^\*) |  |  | | --- | |  | | |  | | --- | | O(b^C^\*) |  |  | | --- | |  | | |  | | --- | |  |  |  | | --- | | Este siempre me fallo | |
| |  | | --- | | **DLS (Profundidad Limitada)** |  |  | | --- | |  | | |  | | --- | | No |  |  | | --- | |  | | No | O(bl) | O(l) | Por lo general me fallaba pero cuando encontraba hacia demasiados nodos ni siquiere cabian en consola si lo imprimia |

# BFS (Búsqueda en Anchura)

A screenshot of a computer program

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# UCS (Costo Uniforme)

A screenshot of a computer program

AI-generated content may be incorrect.

# DFS (Búsqueda en Profundidad)

A screenshot of a computer code

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# DLS (Búsqueda en Profundidad Limitada)

A screen shot of a computer

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