**Search Tree Node ADT:**

**Matrix Problem:**

**Search Algorithms:**

* **Breadth first search:**
* **Depth first search:**
* **Iterative deepening search:**
* **Uniform-cost search:**
* **Greedy search:**
  + **Heuristic 1:**
  + **Heuristic 2:**
* **A\* search:**
  + **Heuristic 1:**
  + **Heuristic 2:**

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| --- | --- | --- | --- | --- | --- |
|  | Completeness | Optimality | CPU utilization | RAM utilization | Expanded nodes |
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**Resources:**