(Un)informed Search Lab

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* Which heuristics did you use for the A\* algorithm?

To do the UCS we used an heuristic of value 0.

The consistent heuristic was the number of misplaced container.

The non-consistent heuristic was the number of misplaced container times two.

* Test your program with a couple of different problems. Increase the size of the problem to test the limits of your program. Make a table comparing **how many nodes are searched** to find the answer for each problem. For this table, you should compare a number of different problems (at least 3) to avoid a statistical bias. Which of the four algorithms searches the least nodes and which one take the most?
* Why does this happen?
* Which algorithms are optimal? Why?
* In your opinion, what are the benefits of simpler algorithms versus more complex ones?