





















## Algorithm for the minimal automaton (step 3: propagated distinguishability)

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Check one after the other all non-marked cells; in a cell put

- X, if with the same input the two states reach a pair already marked with X;
- O, if, for every possible input, you reach either the same state or a pair of states already marked with O or in the pair associated to the cell itself;
- If none of the previous two conditions hold, mark the cell with all the pairs not yet marked and different from the pair associated that you can reach with the same input.







