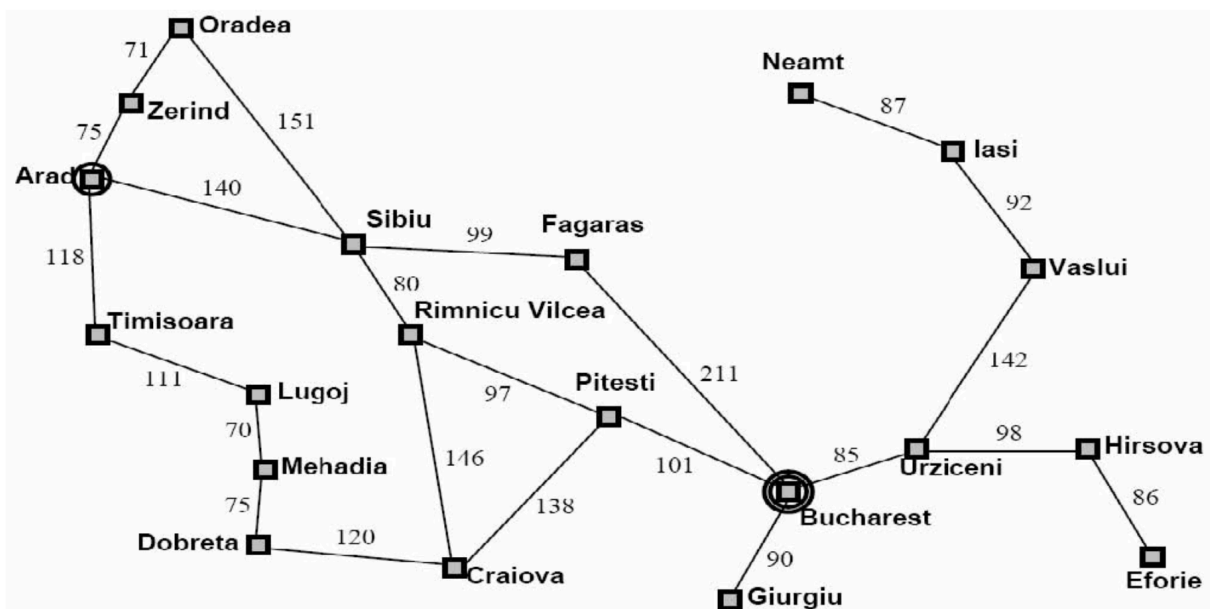


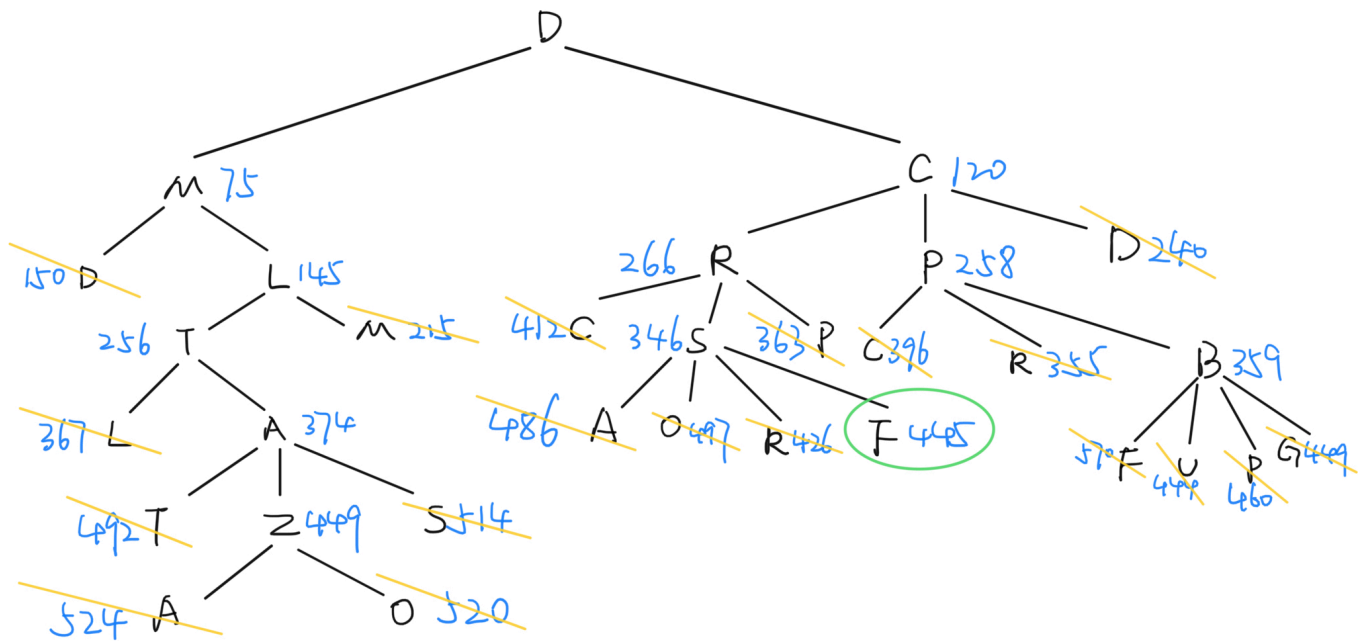
人工智能第一次理论作业

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1

Consider travel in Romania from Drobeta to Fagaras. Trace the operation of uniform-cost search with cycle-checking, draw the search tree.





2

The missionaries and cannibals problem (see the lecture notes): Consider the case of $M = 3$ and $K = 2$. Use the heuristic function $h(n) = M + C - 2B$. Trace the operation of A* with cycle checking: Draw the search tree; for each node, mark its g and h values.

