Master 1 MoSIG

Algorithmic Problem Solving

APP3 Report
Hole Drilling
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1 Discussion on current algorithm

2 Greedy Approach

2.1 Propose an algorithm

2.2 Proof of optimality

2.3 Proof of 2-approximation

2.4 Proof of not 2-approximation

3 Minimum Spanning Tree

3.1 Propose an algorithm

3.2 2-approximation proof

4 Kruskal's/Prim's Algorithm