

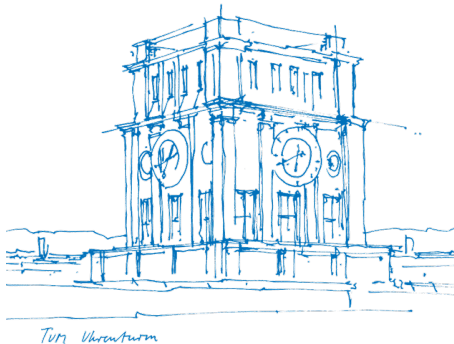
Master Thesis

Semitotal Dominating Set

Lukas Retschmeier

Informatik 7 - Theoretical Foundations of Artificial Intelligence
Faculty of Informatics
Technical University of Munich

February 3rd, 2022



- Usually aims for a ("good") polynomial-time (PTIME) algorithm
- For NP-c problems, we do not expect a PTIME algorithms
- **For Example:** 3SAT, 3COLORING, CLIQUE, VERTEX COVER, ...

But ... Can we say anything more about those problems?