Bavarian Optimization Meeting 2024
Passau

Keynote Talk 2 <u>by Timm Oertel</u>

Proximity and Support Bounds for Integer Linear Optimization Problems

Abstract

In this talk I will consider two questions related to integer linear optimization problems (IPs) in standard form: What is the distance between optimal solutions of an IP and the corresponding linear relaxation? What is the minimal support of feasible and optimal solutions? For both problems, I will give an overview over old and new results.