

Vortrag zur Optimierung



EINLADUNG ZUM VORTRAG

Es spricht

Herr PD Dr. Patrick Mehlitz

(Brandenburgische Technische Universität
Cottbus - Senftenberg)

zum Thema:

Implicit variables in optimization theory

Abstract:

The concept of implicit variables is introduced and illustrated by means of examples from mathematical optimization.

Afterwards, the talk discusses issues related to the treatment of implicit variables as explicit ones. More precisely, notions of optimality, stationarity, and regularity, which address the original problem as well as its fully explicit surrogate, are investigated. The talk closes with some general conclusions as well as particular findings for special problem classes from optimization theory comprising results of numerical experiments addressing cardinality-constrained programs.

The talk is based on joint work with Matus Benko (University of Vienna).

Donnerstag, 28. April 2022, 15:00 Uhr, Raum C 325 im Curiebau

Alle Interessierte sind herzlich eingeladen.

Ilmenau, 07.04.2022

Prof. Dr. Gabriele Eichfelder