Accepted Manuscript

Constraint Qualifications for Convex Optimization without Convexity of Constraints : New Connections and Applications to Best Approximation

N.H. Chieu, V. Jeyakumar, G. Li, H. Mohebi

PII:S0377-2217(17)30665-3DOI:10.1016/j.ejor.2017.07.038Reference:EOR 14588

To appear in: European Journal of Operational Research

Received date:8 November 2016Revised date:24 April 2017Accepted date:13 July 2017

Please cite this article as: N.H. Chieu, V. Jeyakumar, G. Li, H. Mohebi, Constraint Qualifications for Convex Optimization without Convexity of Constraints : New Connections and Applications to Best Approximation, *European Journal of Operational Research* (2017), doi: 10.1016/j.ejor.2017.07.038

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Highlights

- Examining convex optimization without the standard convexity of constraint functions
- Presenting constraint qualifications for optimality and their new connections
- The weakest constraint qualification for optimality of convex optimization is given
- Characterizing best approximation from a convex set without convexity of constraints

Download English Version:

https://daneshyari.com/en/article/6895342

Download Persian Version:

https://daneshyari.com/article/6895342

Daneshyari.com