SEMINARIO

OPTIMIZACIÓN Y EQUILIBRIO

EXPOSITOR

Didier Aussel
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Title:

Projected solutions of quasi-variational inequalities with application to bidding process in electricity market

Abstract:

Quasi-variational inequalities provide perfect tools to reformulate Generalized Nash Equilibrium Probem (GNEP), the latter being a good model to describe the day-ahead electricity markets.

Our aim in this talk is to illustrate how some recent advances in the theory of quasi-variational inequalities can influence the modeling of electricity market.

Talk based on:
- D. Aussel, A. Sultana & V. Vetrivel, On the existence of
projected solutions of quasi-variational inequalities and
generalized Nash equilibrium problem, J. Optim. Th. Appl. 170 (2016), 818-837.

Mércoles 17 de enero a las 16:30 hrs, Sala Multimedia, sexto piso, torre norte de Beauchef 851.