

Seminario

Optimización y Equilibrio

Expositor

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Título

"Convexity of the image of quadratic functions: a geometric point of view"

Abstract:

The convexity of the image of quadratic functions is crucial when establishing Farkas-type alternative results (known as s-lemmas in the quadratic context), which are relevant in many applications. A geometric point of view is presented, which strongly relies in the graphic properties of the image of simple sets of $\mathbb{R}^n$. This gives new understanding on the problem, simplifies classical results and leads to new ones, explained in this talk.

Miércoles 11 de Mayo a las 16:30 hrs, Sala de Seminarios John Von Neumann CMM.

