

Seminar

Optimization and Equilibrium

Speaker

Pham Duy Khanh
CMM, U Chile

Title

"Second-order characterizations of C^1 -smooth robustly quasiconvex functions"

Abstract:

"Our aim in this talk is to investigate the possibility of using the Fréchet and Mordukhovich second-order subdifferentials to characterize the robust quasiconvexity of C^1 -smooth functions. We set up a necessary condition for the robust quasiconvexity of $C^{1,1}$ -smooth functions and univariate C^1 -smooth ones. We also show that the established necessary condition is indeed a sufficient one for the robust quasiconvexity of C^1 -smooth functions."

Miércoles 24 de octubre a las 16:30 hrs, sala de seminarios CMM John Von Neumann, ubicada en la Torre Norte piso 7, de Beauchef 851.