

Seminario

Optimización y Equilibrio

Speaker

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Title

Convergence of projection algorithms: some results and counterexamples.

Abstract:

Projection methods can be used for solving a range of feasibility and optimisation problems. Whenever the constraints are represented as the intersection of closed (convex) sets with readily implementable projections onto each of these sets, a projection based algorithm can be employed to force the iterates towards the feasible set. Some versions of projection methods employ approximate projections; one can also consider under- and over-relaxed iterations (such as in the Douglas-Rachford method). In this talk I will focus on the convergence of projection methods. This includes a recent work on De Pierro's conjecture in collaboration with Roberto Cominetti and Andrew Williamson.

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