

Stochastic Quasi-Fejér Iterations and Applications

mercredi 30 juillet 2025 10:45 (30 minutes)

This talk concerns models and convergence principles for dealing with stochasticity in a wide range of algorithms arising in nonlinear analysis and optimization in Hilbert spaces. It proposes a flexible geometric framework within which existing solution methods can be recast and improved, and new ones can be designed. Almost sure weak, strong, and linear convergence results are established in particular for fixed point and feasibility problems.

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Classification de Session: Stochastic Programming

Classification de thématique: Stochastic Programming