ID de Contribution: **5**   Type: **Non spécifié**

An Introduction to Viscosity Solutions for Hamilton–Jacobi Equations - Part 2

vendredi 16 janvier 2026 16:00 (1 heure)

This mini-course provides an introduction to viscosity solutions, a weak notion of solution introduced by Crandall and Lions. This framework is particularly well suited for Hamilton–Jacobi equations, where classical solutions may fail to exist. We will focus on first-order Hamilton–Jacobi equations, presenting the main ideas, illustrating them with examples and applications such as traffic flow modeling and optimal control, and discussing the well-posedness of these equations.

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