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

Fractional diffusion approximation for kinetic equations

vendredi 24 mai 2024 13:30 (1 heure)

After a short introduction to kinetic equations, I will explain the principle of diffusion approximation which justifies the fact that the solution of a kinetic equation is approximated by an equilibrium profile with a density satisfying a macroscopic equation. I will then focus on the Fokker Planck equation with heavy tail equilibrium handled by a spectral method.

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