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Landau's currents in kinetic theory, applications to wave turbulence

Friday, May 24, 2024 2:45 PM (1 hour)

In his 1936 paper on collisions between charged particles subject to the Coulomb potential, Landau introduced a current whose divergence is the collision integral. This talk discusses applications of Landau's idea to some classical notions in wave turbulence, such as Kolmogorov-Zakharov profiles (Work with M. Escobedo and L. Saint-Raymond).

Presenter: GOLSE, François