

E. de Leon

mercredi 3 décembre 2025 11:00 (1 heure)

Numerical solutions of a class of evolution PDEs

In this talk I will present two different approaches to construct the numerical solution of a class of evolution PDEs, such as the Schrödinger equation. We consider a combination of parametrization (time-dependent complex parameters) and time discretization processes. The main differences regarding the order in which this combination is carried out will be discussed throughout the talk.