Séminaire de théorie des nombres

Le 21 janvier 2019 à 14h (PRG)

Dynamical systems for arithmetic schemes

Exposé de Christopher Deninger
(Universität Münster)

Résumé : We construct infinite-dimensional continuous-time dynamical systems attached to integral normal schemes which are flat and of finite type over the spectrum of the integers. We study the periodic orbits and connectedness properties of these systems and ask several questions.