

Homing as a resetting paradigm

Arnab Pal

The Institute of Mathematical Sciences, Chennai

A fundamental aspect crucial for the survival of various animal species is their ability to successfully return home, whether it involves migration, foraging for food, or locating a breeding site. This innate behavior, known as Homing, is surprisingly ubiquitous, allowing animals to navigate back from seemingly unfamiliar locations over considerable distances. In this talk, I will try to shed some light on this phenomena from the perspective of stochastic resetting.