

# Seminário de sistemas dinâmicos e estocásticos

IMECC - UNICAMP

## Nonuniform hyperbolicity, pullback and forward attractors for nonautonomous dynamical system.

Alexandre Nascimento

UNICAMP

### Resumo:

In this work we study nonuniform exponential dichotomies and existence of pullback and forward attractors for evolution processes associated to nonautonomous differential equations. We provide a dynamical interpretation of admissibility pairs related with exponential dichotomies to obtain existence of pullback and forward attractors. We apply these abstract results to differential equations.

Joint work with Rafael Obaya (Universidad de Valladolid) and Jose Antonio Langa (Universidad de Sevilla).