SKEW PRODUCT SEMIFLOWS AND MORSE DECOMPOSITION

MATHEUS CHEQUE BORTOLAN, TOMÁS CARABALLO, ALEXANDRE NOLASCO DE
CARVALHO AND JOSÉ ANTONIO LANGA

This lecture is dedicated to investigate the dynamics of non-autonomous differential equations. We emphasize the fact that the asymptotics of non-autonomous problems are in fact described by a set (usually infinite) of processes each of them corresponding to a limiting non-autonomous differential equation for which one can define an evolution process. We then study the Morse decomposition of these non-autonomous problems

(Matheus Cheque Bortolan) ICMC-USP
E-mail address: `matheusb@icmc.usp.br`

(Alexandre Nolasco de Carvalho) ICMC-USP
E-mail address: `andcarva@icmc.usp.br`