
* PROGRAMA DE VERÃO 2012 *

SISTEMAS DINÂMICOS

On a conjecture of Milnor on
monotonicity of entropy and Tresser's
version

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In this talk I want to discuss the space P^d of real polynomials of degree d and in particular isentropes, i.e. level sets of the function $h_{\text{top}}: P^d \rightarrow \mathbb{R}$. Milnor conjectured that isentropes are connected within the space $P_{\mathbb{R}}^d$ of real polynomials for which all critical points are real. Later, Tresser conjectured that isentropes are also connected within the space P^d . A few years ago, Henk Bruin and I proved Milnor's conjecture. In this talk I want to sketch some parts of our proof, some ideas towards Tresser's conjecture and some related results.

Data: 17 de janeiro, às 16:00
Local: Auditório Antônio Gilioli (247/262 A)