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Departamento de Matemática Aplicada

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“Entropy of local homeomorphisms”

Resumen: In this talk, we introduce topological entropy for dynamical systems generated by a single local homeomorphism (Deaconu-Renault systems). More precisely, we propose and compare entropy definitions via covers and via separated sets. We show that the definition via separated sets behaves well under factor maps. Finally, we compute entropy for subshifts associated with infinite graphs and compare it with the entropy of infinite graphs defined by Gurevich.

Martes, 30 de enero 2024

Hora: 11:00 h.

Lugar: Aula 0.24 A – Escuela de Ingenierías