

SEMINARIO IMAC DE ANÁLISIS

**Conferencia a cargo de
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"El semigrupo de Ellis de un sistema dinámico
discreto no autónomo"

RESUMEN We introduce the Ellis semigroup of a non-autonomous discrete dynamical system with phase space X . The underlying set of this semigroup is the pointwise closure of an adequate set in X^X . By using the convergence of a sequence of points with respect to an ultrafilter it is possible to give a precise description of the semigroup and its operation. This notion extends the classical Ellis semigroup of a discrete dynamical system. We show several properties that connect this semigroup and the topological properties of the non-autonomous discrete dynamical system.

Fecha: 18 de junio de 2015, a las 15h30' horas

Lugar: **IMAC** (Seminario T11329SD), ESTCE. Universitat Jaume I de Castelló

