PERSISTENT HOMOTOPY AND A-INFINITY PERSISTENCE

ANICETO MURILLO MAS

Resumen. We will introduce $A$-infinity persistence as a way to detect certain noise in data analysis which cannot be detected by usual persistence. We will see that this concept is closely related to what we called persistent homotopy.

This is joint work with Francisco Belchí.

Departamento de Álgebra, Geometría y Topología, Universidad de Málaga, España.

E-mail address: aniceto@uma.es