

UNAVODIABLE COLLECTIONS OF BALLS FOR ISOTROPIC LÉVY PROCESSES

ANTE MIMICA (JOINT WORK WITH ZORAN VONDRAČEK)

A collection of pairwise disjoint balls in the Euclidean space is said to be avoidable with respect to a transient process if the process with positive probability escapes to infinity without hitting any ball. We study sufficient and necessary conditions for avoidability with respect to unimodal isotropic Lévy processes satisfying a certain scaling hypothesis.