
MAHSA ALLAHBAKHSI, University of Victoria
Uniform Conditional Distribution and Class Degree

The degree of a code π where π is a factor code on a shift of finite type is defined the number of preimages of a "typical" point when π is finite to one. We generalize the concept of the degree to the class degree which is applied to any factor code defined on a shift of finite type. By showing the uniform conditional distribution property for measures of relative maximal entropy, it is shown that the class degree is an invariant upper bound on the number of such measures.