Rank Distance in Mathematical Linguistics

Liviu Petrişor DINU Bucharest University, Faculty of Mathematics, Academiei 14, RO-70109, Bucharest. Romania E-mail: ldinu@funinf.cs.unibuc.ro

Abstract

In this paper we introduce a tool which help us to measure the distance between two classifications which differ by their constitutive elements. We study some of his properties and use it to study the classification of hierarchies.

Keywords: linguistics, formal languages, **AMS** classification: 91F0385, 68Q45