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Abstract

In this dissertation we study the notion of symmetry on groups, topological spaces, et cetera. The relationship between such structures with symmetries and Ramsey Theory is reflected by certain natural functions. We give a general picture of asymptotic behaviour of these functions.

I warrant that the content of this dissertation is the direct result of my own work. Any use of published or unpublished material is fully and correctly referenced.

Signature .....Tyriazis.....

Date 22/03/2012