
ALISON PURDY, University of Regina

EKR-type results using the method of Ahlswede and Khachatrian

In 1997, Ahlswede and Khachatrian published what is now commonly known as the Complete EKR Theorem. Although there have been numerous papers proving EKR-type results for objects other than sets, the techniques used by Ahlswede and Khachatrian do not appear to have received the attention that the significance of the theorem warrants. In this talk I will discuss attempts to adapt these techniques for use on other objects. This is joint work with Karen Meagher.