COMBINATORICS SEMINAR

More-part Sperner Families and Transversals

Peter Erdos

A. Renyi Institute of Mathematics, Hungarian Academy of Sciences, Budapest

Abstract: In this talk we give a short (and far from complete) survey of developments on the theory of more-part Sperner problems over the past 5 years. A complete list of all maximum 2-part Sperner families will be reported. We also will discuss the connection of these problems with (generalized) transversals. Finally some consequences for mixed orthogonal arrays will be presented.

Friday, October 22, 2010, 4:00 pm
Mathematics and Science Center: W306

MATHEMATICS AND COMPUTER SCIENCE
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