



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

Istanbul Discrete Mathematics Meetings

SMALL CYCLE SYSTEMS

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Abstract

Over the past 50 years, much progress had been made in the area of cycle systems; that is, the partitioning the edges of various graphs into sets, each of which induces a cycle (other graphs are of interest too).

Many problems arise, such as finding graphs for which such systems exist, and trying to discover which cycle systems are a part of bigger cycle systems in various senses, such as embeddings and enclosings. Some of these many problems will be addressed in this talk by focusing on 4-cycle systems in order to exemplify more general results that will be mentioned in passing!

Date: Friday, April 30, 2010

Time: 11:00

Place: IMBM Seminar Room, Boğaziçi University