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FRACTIONAL PARAMETERS IN GRAPH THEORY

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Abstract

Approximately thirty years ago the notion of fractional parameters came to graph theory. This is a brief introduction to that subject. Many definitions applied to graphs can be reformulated in terms of integer programming. When expanded to their counterpart in linear programming, they become fractional correspondents. We will consider three examples: the fractional domination, chromatic and cochromatic numbers of graphs.

Date : Tuesday, April 18, 2017

Time: 10:30

Place: IMBM Seminar Room, Boğaziçi University South Campus