MATH COLLOQUIUM

Generalization of the Erdös-Gallai inequality

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Date : Wednesday, January 6, 2010
Time : 14:00
Place : TB 250, Boğaziçi Üniversitesi

Abstract: A sequence of non-negative integers is said to be graphic if it can be realized by a simple graph. P. Erdös and T. Gallai gave necessary and sufficient conditions for a sequence of non-negative integers to be graphic. Here, their result is generalized to multigraphs with a specified multiplicity. This both generalizes and provides a new proof of a result in the literature by Chungphaisan.

Tea and coffee will be served at 15:00