

Matematik Bölümü Genel Seminer

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Regularity of Powers of Edge Ideals

Let G be a graph and let $I = I(G)$ be its edge ideal. In this talk, we present the asymptotic linear function $\text{reg}(I^s)$ as $s \gg 0$ when G is a forest or a cycle and the initial value of s starting from which $\text{reg}(I^s)$ attains its linear form. We also introduce a lower bound on regularity of I^s as $s \geq 1$ for any graph G .

Tarih/Date: 15 Haziran 2016

Zaman/Time: 15:00

Yer/Place: Matematik Bölümü Seminer Salonu