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Arindam Banerjee* (ab4cb@virginia.edu), Department of Mathematics, Kerchof Hall,
University of Virginia, Charlottesville, VA 22903. *Title: Regularity of Powers of Edge Ideal.*

Abstract: This talk will discuss upper bounds on the regularity of powers of edge ideals of graphs whose complements do not have any induced four cycle . We will discuss some recent developments and some open problems. (Received February 07, 2014)