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Ananthnarayan Hariharan* (ananth@math.ku.edu), Department of Mathematics, University of Kansas, Lawrence, KS 66045. *Approximating Artinian rings by Gorenstein rings.*

Abstract: The question we are interested in is the following: Given an Artinian ring, how 'close' can we get to it by an Artinian Gorenstein ring. In this talk I will make the notion of being 'close' precise. I will also mention some past results and discuss some current ones. (Received August 10, 2006)