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Jai N. Singh* (jsingh@barry.edu), Dept. of Math. and Comp. Sc., Barry University 11300 N. E. Second Avenue, Miami Shores, FL 33161. *Curvature of the Central-Path and the Iteration Complexity of Linear Optimization.*

In this paper, we discuss various measures for the curvature of the central path in linear optimization and use Sonnevend curvature of the central path and its integral to obtain a measure of the iteration complexity of the interior-point methods in Linear Optimization. (Received September 06, 2016)