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**Rafael H Villarreal\*** ([vila@math.cinvestav.mx](mailto:vila@math.cinvestav.mx)), **Jose Martinez-Bernal** and **Yuriko Pitones**. *Minimum distance functions of complete intersections.*

We study the minimum distance function of a complete intersection graded ideal in a polynomial ring with coefficients in a field. For graded ideals of dimension one, whose initial ideal is a complete intersection, we use the footprint function to give a sharp lower bound for the minimum distance function. (Received February 28, 2017)