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Bahman Engheta* (engheta@math.ucr.edu), 202 Surge Building, Department of Mathematics, University of California, Riverside, CA 92521. *On the projective dimension of four quadrics*. Preliminary report.

We discuss some preliminary results on establishing a uniform bound on the projective dimension of ideals generated by four quadric forms in polynomial rings (in an unspecified number of variables) over a field. (Received September 20, 2007)