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Amit Ganatra* (aganatra@math.uiowa.edu). *Bounded Factorization Rings*.

A bounded factorization ring (BFR) is a ring where for every nonzero nonunit r there exists a positive integer N , depending on r , such that any factorization of r into nonunits has length less than N . In this talk we present some results about polynomial rings over BFRs and an example of a BFR with 0 primary but where the polynomial ring is not a BFR. (Received August 18, 2005)