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The Kaplansky condition and rings of almost stable range 1

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(Submitted on 15 Jul 2011)

We present some variants of the Kaplansky condition for a K-Hermite ring Rto be an elementary divisor ring; for example, a commutative K-Hermite ring R is an EDR iff for any elements x,y,z R such that (x,y)=(1), there exists an element $\lambda = 0$, where (u,z)=(v,1-z)=(1).

We present an example of a a B\'ezout domain that is an elementary divisor ring, but it does not have almost stable range 1, thus answering a question of Warren Wm. McGovern.

Subjects: **Commutative Algebra (math.AC)**

MSC classes: 13F99 Cite as: arXiv:1107.3000 [math.AC] (or arXiv:1107.3000v1 [math.AC] for this version)

Submission history

From: Moshe Roitman [view email] [v1] Fri, 15 Jul 2011 07:31:43 GMT (7kb)

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