

1118-13-34

Richard Erwin Hasenauer* (hasenaue@nsuok.edu) and **Jim Coykendall**
(jcoyken@clemsn.edu). *Factorization in Prüfer domains of finite character.*

We will discuss factorization in Prüfer domains of finite character. In particular we will show that if D is a one-dimensional atomic Prüfer domain of finite character, then D is a bounded factorization domain. We will also show if D is an one-dimensional atomic Prüfer domain of finite character with exactly one idempotent maximal ideal, then D is a finite factorization domain. (Received January 11, 2016)