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**Richard Erwin Hasenauer\*** (hasenaue@nsuok.edu). *A characterization of non-Noetherian BFDs and FFDs.*

Characterizations of bounded and finite factorization domains are given using topological notions. Using our characterizations, the almost Dedekind domain and Prüfer domain constructed by Grams are shown to be a BFD and an FFD respectively. For a class of almost Dedekind (not Dedekind) domains it is shown that satisfying the ascending chain condition for principal ideals implies BFD. (Received January 10, 2017)