Richard Erwin Hasenauer* (rhasenauer@eureka.edu), Eureka College, 300 E. College Ave., Eureka, IL 61530. The topology of factorization properties.

Classifications of bounded and finite factorization domains are given using topological notions. An unbounded almost Dedekind finite factorization domain is constructed following the method of Grams. For a class of almost Dedekind (not Dedekind) domains it is shown that ACCP and BFD are equivalent. (Received July 15, 2014)