

Abstract

We study a new class of integral domains recently introduced by N. Epstein and J. Shapiro the perinormal domains, which fall strictly between the Krull domains and the weakly normal domains. We establish basic properties of this class and give several characterizations of perinormal domains for the universally catenary Noetherian rings. As our original contribution, we show that Prüfer v -multiplication domains are perinormal. We also provide some illuminating examples.