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On S -Noetherian domains.

Let D be an integral domain and S a (not necessarily saturated) multiplicative subset of D . Due to the importance of Noetherian properties, Anderson and Dumitrescu generalized the concept of finitely generatedness and introduced the notion of S -Noetherian domains. They defined D to be an S -Noetherian domain if there exist an $s \in S$ and a finitely generated ideal J of D such that $sI \subseteq J \subseteq I$. In this talk, we investigate several properties of S -Noetherian domains. (Received September 15, 2014)