1161-13-94 **Evan Houston*** (eghousto@uncc.edu) and **Muhammad Zafrullah**. **-Super potent domains.*
For a finite-type star operation $\star$ on a domain R, we say that R is $\star$-super potent if each maximal $\star$-ideal of R contains a finitely generated ideal I such that (1) I is contained in no other maximal $\star$-ideal of R and (2) J is $\star$-invertible for every finitely generated ideal $J \supseteq I$. Examples of t-super potent domains include domains each of whose maximal t-ideals is t-invertible (e.g., Krull domains). We show that if the domain R is $\star$-super potent for some finite-type star operation $\star$, then R is t-super potent, we study t-super potency in polynomial rings and pullbacks, and we prove that a domain R is a generalized Krull domain if and only if it is t-super potent and has t-dimension one. (Received August 11, 2020)