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**Robert M. Walker\*** (robmarsw@umich.edu), 530 East Church Street, 2070 East Hall, Ann Arbor, MI 48109. *Uniform Symbolic Topologies in Normal Toric Rings.*

A Noetherian ring  $R$  has the uniform symbolic topology property (USTP) if there's an integer  $D := D(R) > 0$  such that the symbolic power  $P^{(DN)} \subseteq P^N$  for all prime ideals  $P$  in  $R$  and all integers  $N > 0$ . For instance, all excellent finite-dimensional regular rings have USTP, and a large class of isolated singularities also have USTP (Ein-Lazarsfeld-Smith, Hochster-Huneke, Huneke-Katz-Validashti, Ma-Schwede). A toric ring is a domain of finite type over a field, generated by Laurent monomials. In this talk, we present a formula for the multiplier  $D(R)$  such that any normal toric ring  $R$  has USTP on the set of monomial primes: this is one of the conditional USTP results my dissertation affords for rings whose singular locus may have positive dimension. (Received January 08, 2018)