1057-13-368 **Karl Schwede*** (kschwede@umich.edu), Department of Mathematics, University of Michigan, Ann Arbor, MI 48109, and **Kevin Tucker**. *On the behavior of the test ideal under finite separable morphisms.*

With the correspondence between the test ideal and the multiplier ideal as a guide, we study the behavior of the test ideal under a finite (generically) separable inclusion of normal domains. This generalizes work of other people (including Bravo-Smith and Hara-Takagi) to include cases where there is ramification. (Received January 26, 2010)