

1081-13-323

**Kevin Tucker\*** ([kftucker@math.princeton.edu](mailto:kftucker@math.princeton.edu)). *Test Ideals in  $F$ -Regular Rings.*

The test ideal is an important measure of singularities in positive characteristic commutative algebra and algebraic geometry. In this talk, I will provide an answer to a question of Mustața and Yoshida concerning which ideals in an  $F$ -regular ring can be realized as test ideals. (Received February 13, 2012)