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Lance Edward Miller*, Department of Mathematical Sciences, 301 SCEN, Fayetteville, AR 72701, and **Alberto Chiechio, Florian Enescu** and **Karl Schwede**. *Test ideals in rings with finitely generated anti-canonical algebras.*

Test ideals are subtle and important invariants for measuring singularities in positive characteristic and are heavily related to multiplier ideals. These are easiest to work with under the assumption that the ambient ring is quasi-Gorenstein or even just \mathbb{Q} -Gorenstein. In this talk, we will review some of these results and discuss that many of the results extend provided the anticanonical section ring is finitely generated. This is joint work with Alberto Chiechio, Florian Enescu, and Karl Schwede. (Received January 13, 2016)