

1139-13-505

Courtney Gibbons, David A. Jorgensen* (djorgens@uta.edu) and **Janet Striuli**. *On complete intersection dimension*. Preliminary report.

We give an alternate definition of finite complete intersection dimension for modules over commutative local rings. We show that many of the properties of modules having finite complete intersection dimension under the original definition (due to Avramov, Gasharov and Peeva) also hold for modules of finite complete intersection dimension under our alternate definition. We also exhibit some properties of the alternate definition not known for the original one. (Received February 19, 2018)