

1051-13-122

Alina Iacob*, aiacob@georgiasouthern.edu, and **Srikanth B. Iyengar**. *A characterization of regular rings.*

We show that a noetherian ring R is regular if and only if each complex of injective R -modules is semi-injective if and only if each acyclic complex of injective R -modules is contractible. Analogous results are established for complexes of flat modules and of projective modules. (Received August 21, 2009)