

1138-13-49

Saeed Nasseh* (snasseh@georgiasouthern.edu), **Sean Sather-Wagstaff**, **Ryo Takahashi**
and **Keller VandeBogert**. *Applications of local rings with decomposable maximal*
ideals. Preliminary report.

We investigate homological properties of local rings with decomposable maximal ideals and discuss some applications of these rings. We also characterize the Cohen-Macaulay local rings with decomposable maximal ideals of finite Cohen-Macaulay type. (Received January 24, 2018)