1099-13-107 **Saeed Nasseh** and **Sean Sather-Wagstaff*** (sean.satherwagstaff@ndsu.edu). *Local rings of embedding codepth at most 3 have only trivial semidualizing complexes.* Preliminary report.

A finitely generated module C over a commutative noetherian ring R is *semidualizing* if $R \cong \operatorname{Hom}_R(C,C)$ and $\operatorname{Ext}^{\geq 1}_R(C,C) = 0$. More generally, a homologically finite R-complex is *semidualizing* if $R \simeq \mathbf{R}\operatorname{Hom}_R(C,C)$ in the derived category $\mathcal{D}(R)$. We prove that a local ring R of embedding codepth at most 3 has at most two semidualizing complexes up to shift-isomorphism, namely, R itself and a dualizing R-complex if one exists. (Received February 02, 2014)