1053-13-180 **Bethany A Kubik*** (`bethany.kubik@ndsu.edu`), Department of Mathematics, NDSU Dept # 2750, PO BOX 6050, Fargo, ND 58108. *Quasidualizing Modules.* Preliminary report.

Let R be a local complete noetherian ring. A noetherian R-module C is *semidualizing* if $\mathrm{Hom}_R(C,C) \cong R$ and $\mathrm{Ext}^i_R(C,C) = 0$ for all $i \geq 1$. We introduce and study the artinian counterpart which we call a *quasidualizing* module. We explore the relationship between these two concepts through Matlis Duality. (Received September 02, 2009)