

Meeting: 998, Houston, Texas, SS 5A, Special Session on Associative Rings

998-16-299 **Dinh Van Huynh*** (huynh@math.ohiou.edu), Department of Mathematics, Ohio University, 321 Morton Hall, Athens, OH 45701. *Some results on simple rings and prime rings.*

In this talk we show that a simple ring R is Morita-equivalent to a right PCI domain if every cyclic singular right R -module is quasi-continuous. Notice that this implies that R is then a right SI ring in the sense of Ken Goodearl that every singular right R -module is injective. We also discuss other related results on simple rings and prime rings. (Joint work with S.K. Jain and S.R. Lopez-Permouth.) (Received March 01, 2004)