

1077-15-2250 **Joshua Ide*** (ji1574@ship.edu) and **Lenny Jones**. *Enumerating Invariant Subspaces of \mathbb{R}^n* .

Let T be a linear operator defined over \mathbb{R}^n . In this talk, we explore for what positive integers m does there exist exactly m T -invariant subspaces of \mathbb{R}^n . (Received September 21, 2011)