

1155-13-384

**Haydee Lindo\***, 179 Park St, Apt 2, Williamstown, MA 01267. *Trace Modules in Commutative Algebra.*

A trace module is the homomorphic image of one module in another. In this talk, I will discuss some historical uses for and recent developments in the theory of trace modules over commutative Noetherian rings. This will include applications of trace modules in understanding free summands, endomorphism rings, and special classes of rings. (Received January 19, 2020)