1109-11-153 **Andrew G. Earnest*** (aearnest@siu.edu), Department of Mathematics, Southern Illinois University, Carbondale, IL 62901. *Codimension one sublattices of quadratic lattices.*

From classical theory, it is known that integral binary quadratic forms are determined up to equivalence by the integers they represent, with the exception of one anomalous case. In this talk we will discuss the general question of the extent to which quadratic lattices over rings of algebraic integers are determined up to isometry by their sublattices of codimension one, and describe a new result in this direction obtained in joint work with N.D. Meyer. (Received January 29, 2015)