1128-13-81 **Peder Thompson*** (`peder.thompson@ttu.edu`), Lubbock, TX 79409. *Cosupport computations for finitely generated modules over commutative noetherian rings.*

We will focus on computing the cosupport of finitely generated modules over commutative noetherian rings. After giving a method to detect cosupport in this setting, we will compute the cosupport of various rings and finitely generated modules. In particular, we will show that every countable commutative noetherian ring has full cosupport. We also will give a family of rings not having closed cosupport, providing a negative answer to a recent question of Sather-Wagstaff and Wicklein. (Received February 14, 2017)