



ALGEBRA SEMINAR

Calculus of endofunctors on the category of abelian groups II

By

Özgün Ünlü
(Bilkent)

Abstract: We will first discuss the Taylor tower associated to an endofunctor on the category of abelian groups. Then we will discuss a criterion for a natural transformation between polynomial functors to be a natural isomorphism. Finally we will discuss some applications of this criterion.

Date: December 4, 2019 Wednesday

Time: 10:40 – 11:50

Place: SA141 Mathematics Seminar Room

* Simit and cream cheese will be served before the talk. All are most cordially invited.