



HACETTEPE ÜNİVERSİTESİ MATEMATİK BÖLÜMÜ GENEL SEMİNERİ

(HACETTEPE UNIVERSITY MATHEMATICS GENERAL SEMINAR)

Tarih (Date): 23.10.2019, Çarşamba (Wednesday)

Saat (Time): 15:00

Yer (Place): Yaşar Ataman Seminer Salonu

Konuşmacı (Speaker): Prof. Dr. TOMA ALBU , Simion Stoilow Institute of Mathematics of the Romanian Academy, Bucharest, Romania

Başlık (Title): FULLY INVARIANT-EXTENDING MODULAR LATTICES, AND APPLICATIONS

Özet (Abstract):

The aim of this talk is to present the latticial counterpart of the notion of a fully invariant-extending module, and to illustrates a general strategy which consists on putting a module-theoretical notion/result into a latticial frame (we call it latticization), in order to translate that result to Grothendieck categories (we call it absolutization) and module categories equipped with hereditary torsion theories (we call it relativization). The talk is mainly based on our recent joint paper Albu & Kara & Tercan [J. Algebra 2019].

An effort will be made to keep the exposition as self-contained as possible.