



YEDİTEPE UNIVERSITY

MATHEMATICS DEPARTMENT SEMINARS

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## Pure things

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**Abstract:** This will be a down-to-earth that talk aims to spark interest, especially among young researchers, in a notion at the crossroads of several fields of algebra, including representation theory of algebras, abelian group theory and ring theory; namely purity. However, whatever the path it may have followed historically, we will derive our motivation from a subject accessible to pretty much every one with a basic understanding of linear algebra: systems of linear equations.

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**Date:** December 25, 2020; Friday

**Time:** 13:00

**Google Meet:** Please contact the organizer for the seminar link.