



November 8, 2023
Wednesday
15:30



Zoom Link: [URL](#)
Meeting ID: 857 7116 0616
Passcode: 779957

DEPARTMENT OF
MATHEMATICS

GENERAL SEMINAR

SPEAKER

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TITLE

A Torsion Free Abelian Group Of Finite Rank Is Called Almost Completely

ABSTRACT

A torsion free abelian group of finite rank is called almost completely decomposable if it has a completely decomposable subgroup of finite index. We consider classes of p -reduced almost completely decomposable groups with a (finite) p -group as regulator quotient, and an inverted forest as critical typeset. A p -reduced almost completely decomposable group with regulator quotient a finite p -group is associated to an integer coordinate matrix.

A p -local, p -reduced almost completely decomposable group of type $(1, 2)$ is called a $(1, 2)$ -group. It is possible to determine the near-isomorphism classes of indecomposable $(1, 2)$ -groups by using coordinate matrices.