



Department of Mathematics University of Delhi

Cordially invites you for an Invited talk entitled
Algebras in which nonunits are product of idempotents

by
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Abstract: This talk is related to the question: when a singular element of an algebra can be expressed as a product of idempotents? There had been quite a bit of work on this topic in the past that has been continuing. Many mathematicians including Howie, Erdos, Victoria Gould, Fountain, Laffey, Lam, O'Meara, among others have given conditions as when this can happen for various algebras and what is the minimum number of idempotents needed. Besides its intrinsic interest, this is also related to a long-standing open question as to whether a von Neumann regular ring is always separative.



Date: February 9, 2024

Time: 3:00 PM

Venue: Seminar Room, Ground Floor

Dr. Atul Gaur
Coordinator

Prof. Ruchi Das
Head, Department of Mathematics