

CoE-MaSS weekly seminar series

THE DST-NRF CENTRE OF EXCELLENCE IN
MATHEMATICAL AND STATISTICAL SCIENCES (CoE-MaSS)
PRESENTS A SEMINAR BY

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***“On the lattice of z-ideals
of a commutative ring”***

Friday, 10 May 2019
10h30-11h30

CoE-MaSS Seminar Room, 1st floor, MSB, Wits.

Let A be a commutative ring with identity. An ideal I of A is called a z-ideal if whenever two elements of A belong to the same maximal ideals and one of the elements is in I , then so is the other. We prove that the lattice of z-ideals of a commutative ring with identity is a coherent frame. We show that a ring with zero Jacobson radical is feebly Baer, precisely when its frame of z-ideals is feebly projectable.



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