

CONFERENCIA

Seminario de Álgebra

Facultad de Ciencias

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TITLE: Factorization of Ideals in Leavitt Path algebras

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ABSTRACT:

After pointing out how ideals in a Leavitt path algebra L of a graph E behave like ideals in a commutative ring, we shall consider the question of factorizing an arbitrary ideal I as a product of finitely many special type of ideals such as the prime, irreducible and primary ideals. In this context, factorization of graded ideals seem to influence the factorization of non-graded ideals. Examples illustrate our conclusions.