
Introduction to Leavitt Path Algebras and Its
Endomorphism Rings in linear models

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Resumo

In this talk, we will give an overview of basic concepts and some examples of Leavitt Path Algebras (LPAs) over a directed graph. Also we will give some properties of Endomorphism ring of LPAs. Then, we will prove that: (1) if endomorphism ring of LPA is locally unit regular then LPA is locally unit regular, (2) endomorphism ring of LPA is a directly finite then LPA is directly finite.

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