

Cartan subalgebras of higher-rank graph algebras

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Cartan subalgebras, which are commutative and reflect much of the information of the ambient algebra, have been of enormous use in the analysis of C^* -algebras. The talk will describe higher-rank graph C^* -algebras and provide a pictorially-driven method of identifying Cartan subalgebras in these structures. This project builds on the seminal results of Jean Renault and is joint work with Rachael Norton and Sarah Wright, drawing also from previous results with other collaborators.

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