1120-46-300   **Jonathan H Brown**, **Gabriel Nagy**, **Sarah A Reznikoff*** (`sarahrez@ksu.edu`), **Aidan Sims** and **Dana Williams**. *Combinatorially-defined C*-algebras and their special subalgebras.*

Uniqueness theorems for combinatorially defined C*-algebras provide conditions under which a representation of the (universal) C*-algebra associated to combinatorial data—from a directed graph, for example—is faithful. We will identify a subalgebra from which injectivity of a representation always lifts. We further discuss the properties of this subalgebra and how they are reflected in the underlying combinatorial object.

This is joint work with Jonathan Brown, Gabriel Nagy, Aidan Sims, and Dana Williams. (Received February 23, 2016)

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