

The zigzag algebra in higher representation theory.

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The Cartan subalgebra \mathfrak{h} of a simple Lie algebra \mathfrak{g} appears in many places in representation theory of \mathfrak{g} . The goal of this talk will be to survey various appearances of the zigzag algebra of \mathfrak{g} , which plays a role in categorification somewhat analogous to the role played by the Cartan subalgebra in ordinary representation theory.