

Modular data and isomorphisms of exceptional W-algebras

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I will describe recent findings on modular data of tensor categories of representations of exceptional W-algebras. The techniques used are a mixture of representation theory of affine and Virasoro Lie algebras, computations with Kac and Wakimoto's character formulas, and a number of tricks employed to make the computations feasible. Based on joint works with T. Arakawa, T. Gannon, A. Moreau and S. Nakatsuka.

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