

A new approach to $c=1$ Virasoro blocks

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The space of Virasoro conformal blocks is a kind of quantization of the Teichmüller space of a Riemann surface, depending on a parameter c called the "central charge". I will briefly explain a new analytic approach to constructing this space, in the case $c=1$. The theory of conformal blocks at $c=1$ incorporates in particular the theory of isomonodromic tau functions, and I will sketch an application in this direction. This is a report of joint work with Qianyu Hao.

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