Two-dimensional theory and its relation to IRF models

To investigate two-dimensional theory and its relation to IRF models of statistical mechanics.

The main source is E. Witten "On quantum gauge theories in two dimensions" (section 2.5). This important article explains how to compute the volume of the moduli space of flat connections using Reidemeister-Ray-Singer torsion.

The objective would be to explicitly write out the torsion in terms of the IRF models, and work out the details in specific examples.

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