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Berezin-Toeplitz quantization of the moduli space of flat $SU(N)$ connections

As was shown by Bordemann, Meinrenken, and Schlichenmaier the Berezin-Toeplitz operator quantization and its associated star product give a unique natural quantization for a quantisable compact Kähler manifold. This procedure is applied for the moduli space of gauge equivalence classes of $SU(N)$ connections on a fixed Riemann surface. In this context the Verlinde spaces and the Verlinde bundle over Teichmüller space show up. As it is well-known these moduli spaces can also be described as the moduli spaces of stable rang N algebraic bundles. Recent results of J. Andersen on the asymptotic faithfulness of the representation of the mapping class group on the space of covariantly constant sections of the Verlinde bundle are presented.