

Boundary operators for the GJMS operators

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In this talk we construct families of conformally covariant boundary operators associated to the GJMS operators. These give rise to a systematic generalization of Escobar's boundary Yamabe problem to higher orders on manifolds with boundary, and the associated Dirichlet-to-Neumann operators generalize the fractional GJMS operators on boundaries of Poincare-Einstein manifolds.

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