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## Index for Black Holes in N=2 Supergravity (Amitabh Virmani)

*Saturday 8 February 2025 11:30 (45 minutes)*

Speaker : Amitabh Virmani

Abstract:

We compute the supersymmetric index of half BPS black holes in N=2 supergravity with higher curvature corrections and show that the result agrees with the degeneracy of supersymmetric extremal black holes carrying the same charges.