

MODULI SPACE OF FIVE-DIMENSIONAL SUPERSYMMETRIC BLACK HOLES

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We present a complete classification of asymptotically flat, supersymmetric and biaxisymmetric black hole solutions to five-dimensional minimal supergravity. This reveals a vast moduli space of spherical black holes, black rings and black lenses, in spacetimes with noncontractible 2-cycles. Strikingly, some of these solutions have the same conserved charges but greater entropy than the BMPV black hole. In the absence of a black hole we also obtain a classification of the known bubbling soliton spacetimes.