

# Rotating Black Ring on Kaluza-Klein Bubbles

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Using solitonic techniques we construct a new exact stationary axisymmetric solution to the 5D Einstein equations in vacuum in asymptotically Kaluza-Klein spacetime. The solution describes rotating black ring with a single angular momentum surrounded by two Kaluza-Klein bubbles. It is generated by applying a 2-soliton Bäcklund transformation on a static seed. The solution generation method is presented, the solution properties are discussed, and its physical characteristics, such as mass, tension, angular velocity and angular momentum, are derived.

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