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Interaction of Cosmic Strings and Black Holes

The relationship between cosmic strings and black holes is examined in this work, with particular attention paid to how cosmic strings affect the spin and accretion processes of black holes. The study investigates the effects of a cosmic string on the mass, spin, and rotational energy of black holes and how changes in the innermost stable circular orbit (ISCO) of accretion disks can be used to identify these changes.

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