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## Angular Momentum of Dark Matter Black Holes

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The putative black holes which may constitute all the dark matter are described by a Kerr metric with only two parameters, mass  $M$  and angular momentum  $J$ . There has been little discussion of  $J$  since it plays no role in the upcoming attempt at detection by microlensing. Nevertheless  $J$  does play a central role in understanding the previous lack of detection, especially of CMB distortion. We explain why bounds previously derived from lack of CMB distortion are too strong for primordial black holes with  $J$  non-vanishing. Almost none of the dark matter black holes can be from stellar collapse, and nearly all are primordial, to avoid excessive CMB distortion.

### Presentation type

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