

Abstract Submitted  
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**Jet Formation in Super-massive Black Holes** GOVIND MENON,  
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solution to the force-free magnetosphere of a Kerr black hole is discussed within the  
context of the Blandford- Znajek mechanism. The resulting null current vector field  
of the solution is decomposed into two future pointing timelike vector fields, one of  
which is able to extract energy from the black hole to the asymptotic regions. We  
conclude the discussion by considering the astrophysical implications and limitations  
of this exact solution.

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