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## **Quantum tunneling of Fermions from Black Strings**

Monday, 13 June 2016 16:45 (15 minutes)

In this work I would like to give semi-classical derivation of Hawking temperature from cylindricaly symmetric charged rotating black strings. I will use Hamilton Jacobi method and WKB approximation to get analytic expression for Hawking temperature of fermions tunneling from charged black strings.

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