

## How an artificial Kerr-Newman black hole can release gravitational waves?

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We initiate a model of an artificially induced Kerr-Newman black Holes, with specific angular momentum  $J$ , and then from there model was to what would happen as to an effective charge,  $Q$ , creating an  $E$  and  $B$  field, commensurate with the release of GWs. The idea is that using a frame of reference trick, plus  $E + i B = -$  function of the derivative of a complex valued scalar field, as given by Appell, in 1887, and reviewed by Whittaker and Watson, 1927 of their "A Course of Modern Analysis" tome that a first principle identification of a  $B$  field, commensurate with increase of thermal temperature,  $T$ , so as to have artificially induced GW production. This is compared in part with the Park 1955 paper of a spinning rod, producing GW, with the proviso that

both the spinning rod paper, and this artificial Kerr-Newman Black hole will employ the idea of lasers in implementation of their respective GW radiation. The idea is in part partly similar to an idea the author discussed with Dr. Robert Baker, in 2016 with the difference that a  $B$  field would be generated and linked to effects linked with induced spin to the Kerr - Newman Black hole. We close with some observations about the "black holes have no hair" theorem, and our problem. Citing some recent suppositions that this "theorem" may not be completely true and how that may relate to our experimental situation. We close with observations from Hajicek, 2008 as which may be pertinent to Quantization of Gravity.

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