2006 Vol. 46 No. 4 pp. 679-682 DOI:

Black Hole Complementary Principle and Noncommutative Membrane

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Abstract: In this paper we extend our results to Kerr black hole and see the same story. Also we make a conjecture that spacetimes are noncommutative on the stretched membrane of the more general Kerr-Newman black hole.

PACS: 11.25. Wx

Key words: noncommutative spacetime, quantum gravity, stretched horizon

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