

1118-35-48

Stefanos Aretakis* (aretakis@princeton.edu), Fine Hall, PRINCETON, NJ 08540. *Stability and scattering problems for black hole backgrounds.*

I will present results on stability and scattering problems for black holes backgrounds. These results concern both sub-extremal and extremal black holes. I will also review various applications of our methods in related topics. (Received January 17, 2016)