

Progress in Black Hole Perturbation Analysis

Bernard Whiting
Department of Physics
University of Florida
2200 NPB
Gainesville, FL 32611-8440
U.S.A.

Abstract

Topics in black hole perturbation analysis will be presented. Some attention will be given to stability arguments, and to ongoing developments in the study of quasi-normal modes. Aspects of modal decomposition will be addressed, and recent results in the study of radiation reaction will be outlined. Specific directions for future work will be outlined, including an increased scope for the rôle of algebraically special perturbations.