1127-58-179   **David Borthwick*** (`davidb@mathcs.emory.edu`), Dept. of Mathematics and CS, 400 Dowman Dr., Atlanta, GA 30306. *Distribution of Resonances for Hyperbolic Surfaces.*

For hyperbolic surfces of infinite area, the appropriate generalization of the eigenvalue spectrum is the resonance set, the set of poles of the resolvent of a meromoprhic continuation of the Laplacian. We will introduce the notion of resonances and discuss recent progress that has been made in understanding the distribution of resonances. (Received February 02, 2017)

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