David Borthwick* (davdb@mathcs.emory.edu), Dept. of Math/CS, Emory University, Atlanta, GA 30322. Upper and lower bounds on resonances for manifolds hyperbolic near infinity.

We present some new asymptotic results for resonances in the context of complete Riemannian manifolds which are hyperbolic outside of a compact set. This work extends results that were previously known in dimension 2 or in the exactly hyperbolic case. (Received September 18, 2007)