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David Borthwick* (davidb@mathcs.emory.edu), Dept. of Math/CS, Emory University, Atlanta, GA 30322, and **Gideon Maschler**. *Resonances for certain asymptotically hyperbolic Einstein manifolds.*

We study a family of asymptotically hyperbolic Einstein metrics for which extra geometric assumptions lead to a warped product structure. This allows the computation of resonances to be reduced to an ODE problem, and we can show in particular that the counting function for resonances obeys a Weyl law for such spaces. (Received August 31, 2006)