

Orthospectra and identities

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Abstract. The orthospectra of a hyperbolic manifold with geodesic boundary consists of the lengths of all geodesics perpendicular to the boundary. We discuss the properties of the orthospectra, asymptotics, multiplicity and identities due to Basmajian, Bridgeman and Calegari. We will give a proof that the identities of Bridgeman and Calegari are the same.