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Glenridge Avenue, St. Catharines, ON L2S 3A1, Canada. *Optimal Imbeddings of Calderon Spaces.*

The imbedding of a Calderon space into a function space(both defined by rearrangement-invariant (r.i) norms) is characterized by an inequality involving a certain Hardy operator and the r.i. norms. A construction of the optimal r.i. norm for the target space is given in terms of the Hardy operator. This is joint work with Michael Goldman. (Received February 07, 2006)