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Pierre Clare* (clare@math.dartmouth.edu), HB6188, Kemeny Hall, 27 N Main Street,
Hanover, NH 03755. *Geometric pictures of intertwining operators.*

Under certain circumstances, intertwining operators between principal series of real reductive groups can be realized through geometrically meaningful transformations. In this talk, we will review applications of that fact in various contexts. (Received September 09, 2016)