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Matthew G. Dawson* (mdawso5@math.lsu.edu) and **Gestur Ólafsson**
(olafsson@math.lsu.edu). *Conical representations for direct limits of symmetric spaces.*

In the study of analysis on the horocycle space G/MN of a Riemannian symmetric space G/K of noncompact type, a crucial role is played by the so-called conical representations of G . We extend the notion of conical representations to the infinite-dimensional case of propagated direct limits of Riemannian symmetric spaces and classify all conical representations that are holomorphic. (Received February 10, 2014)