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Bahram Rangipour* (bahram@unb.ca), Department of Mathematics and Statistics, University of New Brunswick, Fredericton, NB, Canada. *Hopf cyclic cohomology and its dual theory*. Preliminary report.

We compute the Hopf cyclic cohomology of the Connes-Moscovici Hopf algebra in the sense of dual theory. (Received August 07, 2007)