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Radu Dascaliuc* (rd5bw@virginia.edu), Department of Mathematics, University of Virginia,
Cherlottesville, VA 22904. *On energy cascades in 2D flows.*

We rigorously show that in a flow modeled by 2D space-periodic Navier-Stokes equations, an energy cascade can exist only on a very narrow band on wavenumbers. (Received August 24, 2009)