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A. Delshams, M. Gidea and R. de la Llave*, 1 University Station C1200, Austin, TX 78712,
and **T. M.-Seara**. *Geometric methods for instability in Hamiltonian systems*.

We will present several geometric mechanisms that lead to instability in Hamiltonian systems, including systems with many degrees of freedom. (Received August 06, 2007)