Hamiltonian chains with dissipation

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I plan to speak about work in progress, with Noé Cuneo and Gene Wayne:

The idea is to see how the dissipation at one end of a deterministic chain (of coupled rotators) manifests itself at the other end, once one has transformed the system to canonical form. This work illustrates how the role of almost-breathers comes out beautifully, because the system has more and more difficulties in dissipating the energy of a rotator to another rotator when it is at very high energy. I will also address a few open problems.