Oscillation, Degeneracy and Controllability

Stability results for the wave equation with intermittent damping

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Abstract: We will discuss existence and stability properties for nonlinear wave equations with positive–negative damping or with intermittent delay. This kind of model may describe a wide variety of everyday–life problems and practical applications. Under suitable conditions asymptotic/exponential stability results are proved.
Joint work with G. Fragnelli.