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Title: A blow-up result for a weakly coupled system of semilinear damped wave equations in the scattering case

Abstract: In this talk, we study the blow-up dynamics for a weakly coupled system of damped wave equation with power nonlinearities and summable time-dependent coefficients for the damping terms. Both the subcritical case and the critical case are considered. The approach is based on an iteration argument. This is a joint work with Hiroyuki Takamura (Tohoku University).