

## عنوان مقاله:

Global existence, decay and blow up of solutions for a quasilinear hyperbolic equations with source terms

## محل انتشار:

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## خلاصه مقاله:

In this paper, we consider the boundary value problem related to the quasilinear hyperbolic equation with nonlinear source terms. We start by showing the local existence theorem. Then, we prove the global existence and the decay of the energy by using Nakao's inequality, finally we get the finite time blow up of solutions.

## کلمات کلیدی:

Blow up, energy function, quasilinear hyperbolic equation, source terms

## لینک ثابت مقاله در پایگاه سیویلیکا:

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