

# Critical exponent of Fujita-type for semilinear wave equations in Friedmann-Lemaître-Robertson-Walker spacetime

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## Abstract

We consider the nonlinear massless wave equation belonging to some family of the Friedmann–Lemaître–Robertson–Walker (FLRW) spacetime. We prove the global in time small data solutions for supercritical powers in the case of decelerating expansion universe.

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