

# **Null Controllability for One-dimensional Linear Degenerate Wave Equation**

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This paper is devoted to studying the null controllability problems for the one-dimensional linear degenerate wave equations. First, we give the well-posedness results for the linear degenerate wave equations. Then, we prove the null controllability for this system when a control acts on the nondegenerate boundary, and we give a result of non-null controllability.