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**Cheuk Yin Lee\*** (leecheu1@msu.edu) and **Yimin Xiao**. *Local Nondeterminism and the Exact Modulus of Continuity for Stochastic Wave Equation.*

We consider the linear stochastic wave equation driven by a Gaussian noise. We show that the solution satisfies a certain form of local nondeterminism and we use this property to derive the exact uniform modulus of continuity for the solution. (Received July 09, 2019)