

Abstract Submitted
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Spreading of waves in disordered media ZILIN MA, DEEPAK IYER,
Bucknell University — The localization of classical waves in linear and nonlinear disordered media has been extensively studied in the context of the nonlinear Schrödinger equation. Here, we study this phenomenon in the context of other classical systems described by nonlinear equations in the presence of disorder to establish the existence of localization as a generic phenomenon that survives in the presence of nonlinearities.

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