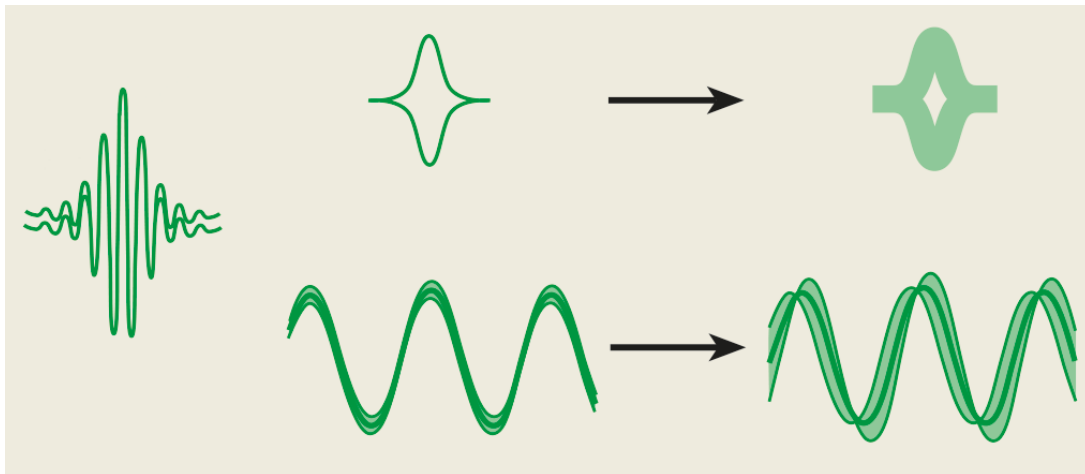


## *Graduate Mathematics Seminar*

Waves, Nonlinear Waves, Solitons

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**Abstract:** Certain nonlinear wave equations have particular solutions somehow resembling solutions to linear wave equations. Such nonlinear wave equations are known as integrable evolution equations, and such solutions are known as solitons. This talk, intended for general audience, explores the history and the physical and mathematical understanding of solitons.

*When:* Monday, December 2, 2019, 6:00 – 7:00 pm

*Where:* CSUCI, Sierra Hall 2411