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Jerry L. Bona* (bona@math.uic.edu), Dept. of Math., Statistics & Computer Science, University of Illinois at Chicago, 851 S. Morgan Street MC 249, Chicago, IL 60601. Recent Results on Stability of Traveling Waves in Nonlinear, Dispersive Media. Preliminary report.

The discussion will center around recent theory for the stability and instability of solitary and cnoidal waves. (Received June 27, 2007)