1126-34-321   **A. David Trubatch*** (`david.trubatch@montclair.edu`), Department of Mathematical Sciences, Montclair State University, Montclair, NJ 07043, and **Gino Biondini**. *Reduced-mode model for recurrence in KdV-type lattices.* Preliminary report.

A reduced-mode model, due to Infeld, is used to predict recurrence in spatial discretizations of KdV. These predictions are compared to measured recurrences in numerical simulations of the full systems. (Received January 17, 2017)