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M. Burak Erdogan* (berdogan@math.uiuc.edu). *Near-linear evolution for NLS and KdV with periodic boundary conditions.*

We will discuss near-linear evolution for KdV and 1-d cubic NLS on the torus for high energy initial data. The results are obtained by the method of normal form reduction. This is a joint work with Tzirakis and Zharnitsky. (Received February 16, 2010)