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Svetlana Roudenko* (roudenko@gwu.edu), Washington, DC 20052. *Instability of solitary waves in the KdV-type equations.* Preliminary report.

We revisit the instability of solitons in the critical and supercritical cases of the KdV equation, and investigate a similar phenomenon in the higher dimensional generalizations of the KdV equation. (Received September 20, 2016)