1126-35-406   **Luiz Gustavo Farah**, UFMG, Brazil, **Justin Holmer**, Providence, RI , and **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 January 18, 2017)