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# HYERS–ULAM AND HYERS–ULAM–RASSIAS STABILITY OF FIRST–ORDER LINEAR AND NONLINEAR DYNAMIC EQUATIONS

**Martin Bohner**

We present several new sufficient conditions for Hyers–Ulam and Hyers–Ulam–Rassias stability of first–order linear and nonlinear dynamic equations for functions defined on a time scale with values in a Banach space.

1. Maryam A. Alghamdi, Alaa Aljehani, Martin Bohner, and Alaa Hamza. Hyers–Ulam and Hyers–Ulam–Rassias stability of first-order linear dynamic equations. *Publ. Inst. Math. (Beograd) (N.S.)*, 109(123):83–93, 2021.
2. Maryam A. Alghamdi, Mymonah Alharbi, Martin Bohner, and Alaa Hamza. Hyers–Ulam and Hyers–Ulam–Rassias stability of first-order nonlinear dynamic equations. *Qual. Theory. Dyn. Syst.*, 20(2):14, Art. No. 45, 2021.

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