

Shen, Yonghong; Chen, Wei

Laplace transform method for the Ulam stability of linear fractional differential equations with constant coefficients. (English) [Zbl 1366.34011](#)

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Summary: Using the Laplace transform method, this paper deals with the Ulam stability of linear fractional differential equations with constant coefficients.

MSC:

- [34A08](#) Fractional ordinary differential equations and fractional differential inclusions Cited in 2 Documents
[44A10](#) Laplace transform
[34A30](#) Linear ordinary differential equations and systems, general
[34D10](#) Perturbations of ordinary differential equations

Keywords:

Ulam stability; Laplace transform method; Liouville fractional derivative; linear fractional differential equation

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