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## SUPERSTABILITY OF THE FUNCTIONAL EQUATION

$$
f\left[(x y)^{t}\right]=t f(x y)
$$

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#### Abstract

The aim of this paper is to find the differentiable solution to the functional equation $f\left[(x, y)^{t}\right]=t f(x y)$ and also to investigate the Super stability of the above functional equation in the conventional sense as well as in the sense of Ger.


Key Words and Phrases : Logarithmic functional equation, Exponential functional equation, Hyers-Ulam stability, Super stability.

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