عنوان مقاله:

New definition of fractional derivative included Mittag-Leffler function of conformable type

نویسنده:

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خلاصه مقاله:

In this paper a new definitionn of fractional derivative and fractional integral in the sense ofconformable derivative type is presented. This form of definition shows that it is more compatible withclassical natural definition of derivative and is more convinient fractional derivative one. We will definethis for $0 \leq \alpha < 1$ and $n - 1 \leq \alpha < n$ and further, if $\alpha = 1$ the definition coincides with the classicaldefinition of derivative of first order.

كلمات کلیدی:

Mittag-Leffler function, fractional derivative, conformable derivative

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