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A new glance on the Leibniz rule for fractional derivatives

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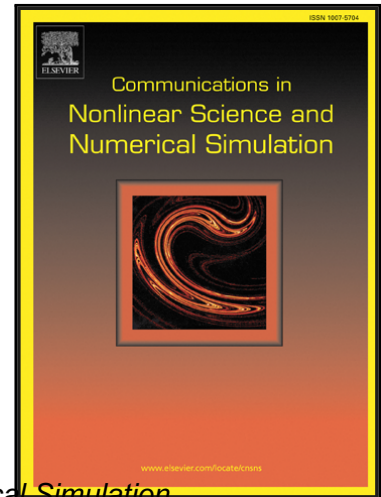
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Highlights

- This work proposes a new strategy to take advantage of the growth rate of in order to analyze the Leibniz rule for fractional derivatives.
- Obtained results show that, the Leibniz rule in its simple form does not holds for fractional derivatives of order non-equal one.
- The obtained results can be extended on future directions in fractional calculus such as fractional derivatives of a composite function and the chain rule for fractional derivatives.

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