## **Accepted Manuscript**

A new framework for multivariate general conformable fractional calculus and potential applications

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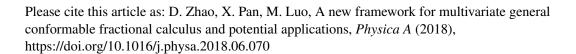
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## ACCEPTED MANUSCRIPT

- 1. The multivariate theory of GCFD is established.
- 2. Fractional Maxwell's equations of GCFD are given to describe electromagnetic fields of media that demonstrate inhomogeneous, complicated and local properties.
- 3. Some fractional parabolic equations are presented as natural extensions of some nonlinear parabolic equations that cover several important famous equations.

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