

Accepted Manuscript

Phylogenetic analysis of DNA sequences based on fractional Fourier transform

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PII: S0378-4371(18)30768-4

DOI: <https://doi.org/10.1016/j.physa.2018.06.044>

Reference: PHYSA 19738

To appear in: *Physica A*

Received date: 4 November 2017

Revised date: 16 March 2018

Please cite this article as: K. Qian, Y. Luan, Phylogenetic analysis of DNA sequences based on fractional Fourier transform, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.06.044>

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Highlights

- We consider discrete fractional Fourier transform for phylogenetic analysis.
- We give a new moment feature from power spectrum and construct phylogenetic trees.
- We take advantage of simulation and Friedman test to choose an appropriate order.
- The experimental results show the newly proposed method's efficiency.

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