

Accepted Manuscript

An efficient non-recursive algorithm for transforming time series to visibility graph

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PII: S0378-4371(18)31185-3
DOI: <https://doi.org/10.1016/j.physa.2018.09.053>
Reference: PHYSA 20114

To appear in: *Physica A*

Received date: 5 June 2018

Revised date: 3 September 2018

Please cite this article as: S. Ghosh, A. Dutta, An efficient non-recursive algorithm for transforming time series to visibility graph, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.09.053>

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Highlights (for review)

- A novel sort-and-conquer algorithm is proposed to transform a time series into visibility graph.
- Being non-recursive, this algorithm does not use stack frames in memory.
- Speed of execution is either comparable or better than the existing divide-and-conquer algorithm.
- Memory efficiency is significantly superior to the recursive method.

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