Accepted Manuscript

Discrete chaotic maps obtained by symmetric integration

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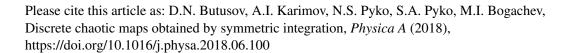
PII: S0378-4371(18)30825-2

DOI: https://doi.org/10.1016/j.physa.2018.06.100

Reference: PHYSA 19794

To appear in: Physica A

Received date: 28 December 2017 Revised date: 15 June 2018



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Highlights

- Symmetric and asymmetric discretization yields considerably different results
- Symmetric integration procedure yields reflectional symmetry in the phase space
- Introduction of additional symmetry triggers between mono- and multifractal regimes
- Symmetric and asymmetric maps exhibit different return interval statistics
- Symmetric maps yield smoother transition between synchronous and asynchronous modes

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