

Accepted Manuscript

Rhythm oscillation in fractional-order Relaxation oscillator and its application in image enhancement

Xiaoran Lin, Shangbo Zhou, Hua Li, Hongbin Tang, Ying Qi

PII: S0377-0427(18)30056-6
DOI: <https://doi.org/10.1016/j.cam.2018.01.027>
Reference: CAM 11499

To appear in: *Journal of Computational and Applied Mathematics*

Received date : 30 June 2017
Revised date : 22 January 2018

Please cite this article as: X. Lin, S. Zhou, H. Li, H. Tang, Y. Qi, Rhythm oscillation in fractional-order Relaxation oscillator and its application in image enhancement, *Journal of Computational and Applied Mathematics* (2018), <https://doi.org/10.1016/j.cam.2018.01.027>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Highlights

1. The limit cycles in fractional-order relaxation oscillator with different external stimuli are discussed.
2. The rhythmic oscillations in fractional-order Relaxation oscillator are implemented.
3. The Quasi Gamma Curve (QGC) model to enhance images is proposed.
4. The QGC model provides better performance than other similar models.

Download English Version:

<https://daneshyari.com/en/article/8901986>

Download Persian Version:

<https://daneshyari.com/article/8901986>

[Daneshyari.com](https://daneshyari.com)