Accepted Manuscript

Fractal fluctuations in spatiotemporal variables when walking on a self-paced treadmill

Jin-Seung Choi, Dong-Won Kang, Jeong-Woo Seo, Gye-Rae Tack

PII: S0021-9290(17)30547-X

DOI: https://doi.org/10.1016/j.jbiomech.2017.10.015

Reference: BM 8416

To appear in: Journal of Biomechanics

Accepted Date: 15 October 2017



Please cite this article as: J-S. Choi, D-W. Kang, J-W. Seo, G-R. Tack, Fractal fluctuations in spatiotemporal variables when walking on a self-paced treadmill, *Journal of Biomechanics* (2017), doi: https://doi.org/10.1016/j.jbiomech.2017.10.015

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.

ACCEPTED MANUSCRIPT

Fractal fluctuations in spatiotemporal variables when walking on a self-paced treadmill

Jin-Seung Choi, Dong-Won Kang, Jeong-Woo Seo, and Gye-Rae Tack[‡]

Department of Biomedical Engineering & BK21 Plus Research Institute of Biomedical Engineering,

College of Biomedical & Health Science, Konkuk University, Chungju, South Korea

*Corresponding Author: Gye-Rae Tack

Department of Biomedical Engineering

BK21 Plus Research Institute of Biomedical Engineering

College of Biomedical & Health Science

Konkuk University

268 Chungwon-daero, Chungju, Chungbuk,

380-701, South Korea

Tel.: 82-43-840-3762; Fax: 82-43-851-0620

E-mail: grtack@kku.ac.kr

Keywords: Self-paced treadmill, Feedback-controlled treadmill, Detrended fluctuation analysis, Spatiotemporal variables

Word count: 3208

Download English Version:

https://daneshyari.com/en/article/7237043

Download Persian Version:

https://daneshyari.com/article/7237043

<u>Daneshyari.com</u>