

Author's Accepted Manuscript

A springy pendulum could describe the swing leg kinetics of human walking

Hyunggwi Song, Heewon Park, Sukyung Park



PII: S0021-9290(16)30309-8
DOI: <http://dx.doi.org/10.1016/j.jbiomech.2016.03.018>
Reference: BM7638

To appear in: *Journal of Biomechanics*

Received date: 16 July 2014
Revised date: 2 January 2016
Accepted date: 13 March 2016

Cite this article as: Hyunggwi Song, Heewon Park and Sukyung Park, A springy pendulum could describe the swing leg kinetics of human walking, *Journal of Biomechanics*, <http://dx.doi.org/10.1016/j.jbiomech.2016.03.018>

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 galley proof before it is published in its final citable 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.

Title: A springy pendulum could describe the swing leg kinetics of human walking.

Hyunggi Song, Heewon Park, and Sukyung Park

Department of Mechanical Engineering, Korea Advanced Institute of Science and Technology (KAIST), Daejeon, Korea

Short Title:

Sukyung Park

Department of Mechanical Engineering, KAIST

335 Gwahangno, Yuseong-gu

Daejeon 305-701

Republic of Korea

Phone: 82-42-350-3230

Fax: 82-42-350-5230

Email: sukyungp@kaist.ac.kr

Keywords: Swing leg, Springy pendulum, Joint forces, Inverse dynamics, Center of mass, Resonance

Download English Version:

<https://daneshyari.com/en/article/10431040>

Download Persian Version:

<https://daneshyari.com/article/10431040>

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