

Author's Accepted Manuscript

EXPLORING THE RELATIONSHIP BETWEEN
LOCAL AND GLOBAL DYNAMIC TRUNK
STABILITIES DURING REPETITIVE LIFTING
TASKS

Matthew P. Mavor, Ryan B. Graham



PII: S0021-9290(15)00520-5
DOI: <http://dx.doi.org/10.1016/j.jbiomech.2015.09.026>
Reference: BM7334

To appear in: *Journal of Biomechanics*

Received date: 27 May 2015
Revised date: 10 September 2015
Accepted date: 24 September 2015

Cite this article as: Matthew P. Mavor and Ryan B. Graham, EXPLORING THE RELATIONSHIP BETWEEN LOCAL AND GLOBAL DYNAMIC TRUNK STABILITIES DURING REPETITIVE LIFTING TASKS, *Journal of Biomechanics*, <http://dx.doi.org/10.1016/j.jbiomech.2015.09.026>

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.

SHORT COMMUNICATION

**EXPLORING THE RELATIONSHIP BETWEEN LOCAL AND GLOBAL
DYNAMIC TRUNK STABILITIES DURING REPETITIVE LIFTING TASKS.**Matthew P. Mavor¹, Ryan B. Graham^{1*}¹School of Human Kinetics, Faculty of Health Sciences, University of Ottawa, Ottawa,
Ontario, Canada, K1N 6N5

Submitted to: Journal of Biomechanics

September 10, 2015

Word count = 2381 + Abstract (250)

Keywords: Local Divergence Exponents; Linear Response Theory; Dynamical Systems; Perturbations, Movement.

*Corresponding Author:
Ryan B. Graham, PhD
Assistant Professor
School of Human Kinetics
Faculty of Health Sciences
University of Ottawa
Ottawa, ON, Canada, K1N 6N5
Tel.: +1 613 562 5800 x 1025
E-mail: rgraham@uottawa.ca

Download English Version:

<https://daneshyari.com/en/article/10431534>

Download Persian Version:

<https://daneshyari.com/article/10431534>

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