Accepted Manuscript

Numerical investigation into the effect of nonlinear spring on the adaptation of an oscillating foil for energy extraction

W. Jiang, Y.L. Wang, D. Zhang, Y.H. Xie

PII: S0960-1481(17)30969-2

DOI: 10.1016/j.renene.2017.10.008

Reference: RENE 9296

To appear in: Renewable Energy

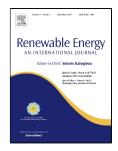
Received Date: 09 January 2017

Revised Date: 17 September 2017

Accepted Date: 03 October 2017

Please cite this article as: W. Jiang, Y.L. Wang, D. Zhang, Y.H. Xie, Numerical investigation into the effect of nonlinear spring on the adaptation of an oscillating foil for energy extraction, *Renewable Energy* (2017), doi: 10.1016/j.renene.2017.10.008

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.



Numerical investigation into the effect of nonlinear spring on the adaptation of an oscillating foil for

energy extraction

W.Jiang¹, Y.L. Wang², D. Zhang³, Y.H. Xie^{4,*}

¹ W. Jiang

E-mail address: jiangwei@stu.xjtu.edu.cn

Mailing Address: Shaanxi Engineering Laboratory of Turbomachinery and Power Equipment, School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an, Shaanxi Province, 710049, China. ² Y.L. Wang

E-mail address: wangyulu@stu.xjtu.edu.cn

Mailing Address: Shaanxi Engineering Laboratory of Turbomachinery and Power Equipment, School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an, Shaanxi Province, 710049, China.

³ D. Zhang

E-mail address: zhang_di@mail.xjtu.edu.cn

Mailing Address: Key Laboratory of Thermo-Fluid Science and Engineering, Ministry of Education, School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an, Shaanxi Province,

710049, China.

⁴ *Corresponding author: Y.H. Xie

Tel.: +86-29-82664443; fax: +86-29-82664443.

E-mail address: yhxie@mail.xjtu.edu.cn

Mailing Address: Shaanxi Engineering Laboratory of Turbomachinery and Power Equipment, School of Energy and Power Engineering, Xi'an Jiaotong University, Xi'an, Shaanxi Province, 710049, China.

Download English Version:

https://daneshyari.com/en/article/6764941

Download Persian Version:

https://daneshyari.com/article/6764941

Daneshyari.com