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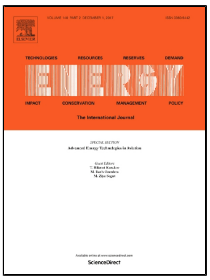

Towards realistically predicting the power outputs of wave energy converters: nonlinear simulation

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PII:	S0360-5442(17)32042-X
DOI:	10.1016/j.energy.2017.12.023
Reference:	EGY 11972
To appear in:	*Energy*
Received Date:	01 July 2017
Revised Date:	06 November 2017
Accepted Date:	05 December 2017

Please cite this article as: Yingguang Wang, Lifu Wang, Towards realistically predicting the power outputs of wave energy converters: nonlinear simulation, *Energy* (2017), doi: 10.1016/j.energy.2017.12.023

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A new method (a nonlinear simulation method) is proposed

The method incorporates a second order random wave model

A nonlinear dynamic filter is utilized

The advantages of the new method are demonstrated

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