

Accepted Manuscript

Energy distribution in intrinsically coupled systems: The spring pendulum paradigm

M.C. de Sousa, F.A. Marcus, I.L. Caldas, R.L. Viana

PII: S0378-4371(18)30814-8
DOI: <https://doi.org/10.1016/j.physa.2018.06.089>
Reference: PHYSA 19783

To appear in: *Physica A*

Received date: 26 January 2018
Revised date: 9 May 2018

Please cite this article as: M.C. de Sousa, F.A. Marcus, I.L. Caldas, R.L. Viana, Energy distribution in intrinsically coupled systems: The spring pendulum paradigm, *Physica A* (2018), <https://doi.org/10.1016/j.physa.2018.06.089>

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.



Highlights

- Total energy distributed among a coupled system components and their coupling
- Energy terms valid for all kinds of trajectory, weak or strong coupling
- Energy distribution varies regularly with the total energy and system parameters

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7374706>

Download Persian Version:

<https://daneshyari.com/article/7374706>

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