Accepted Manuscript

Entropy production and work fluctuation relations for a single particle in active bath

Subhasish Chaki, Rajarshi Chakrabarti

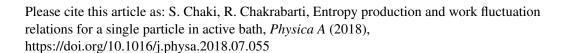
PII: S0378-4371(18)30927-0

DOI: https://doi.org/10.1016/j.physa.2018.07.055

Reference: PHYSA 19880

To appear in: Physica A

Received date: 28 February 2018 Revised date: 23 July 2018



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.



ACCEPTED MANUSCRIPT

Highlights:

- Fluctuation relation for a single particle in active bath.
- Entropy Fluctuation.
- Work Fluctuation and Steady State Fluctuation Theorem for Work.

Download English Version:

https://daneshyari.com/en/article/7374516

Download Persian Version:

https://daneshyari.com/article/7374516

<u>Daneshyari.com</u>