

Accepted Manuscript

Most Probable Dynamics of Some Nonlinear Systems under Noisy Fluctuations

Zhuan Cheng, Jinqiao Duan, Liang Wang

PII: S1007-5704(15)00217-8
DOI: [10.1016/j.cnsns.2015.06.016](https://doi.org/10.1016/j.cnsns.2015.06.016)
Reference: CNSNS 3586



To appear in: *Communications in Nonlinear Science and Numerical Simulation*

Received date: 28 January 2015
Revised date: 22 May 2015
Accepted date: 16 June 2015

Please cite this article as: Zhuan Cheng, Jinqiao Duan, Liang Wang, Most Probable Dynamics of Some Nonlinear Systems under Noisy Fluctuations, *Communications in Nonlinear Science and Numerical Simulation* (2015), doi: [10.1016/j.cnsns.2015.06.016](https://doi.org/10.1016/j.cnsns.2015.06.016)

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

- Most probable phase portraits are investigated for low dimensional stochastic dynamical systems.
- Certain effects of noise on some prototypical systems are demonstrated via most probable phase portraits.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7155250>

Download Persian Version:

<https://daneshyari.com/article/7155250>

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