

Vietnam Journal of Mechanics

Volume 41 · Number 1 · March 2019

PAPERS

Performance analysis of global-local mean square error criterion of stochastic linearization for nonlinear oscillators

Luu Xuan Hung, Nguyen Cao Thang 1

The influence of foundation mass on dynamic response of track-vehicle interaction

Phuoc T. Nguyen, Trung D. Pham, Hoa P. Hoang 17

Buckling and postbuckling of axially-loaded CNT-reinforced composite cylindrical shell surrounded by an elastic medium in thermal environment

Hoang Van Tung, Pham Thanh Hieu 31

A theoretical study on propagation of guided waves in a fluid layer overlying a solid half-space

Phuong-Thuy Nguyen, Haidang Phan 51

Vibration under variable magnitude moving distributed masses of non-uniform Bernoulli–Euler beam resting on Pasternak elastic foundation

T. O. Awodola, S. A. Jimoh, B. B. Awe 63

Mechanical response of outer frames in tuning fork gyroscope model with connecting diamond-shaped frame

Vu Van The, Tran Quang Dung, Chu Duc Trinh 79

Investigation of aerodynamics and longitudinal stability of unmanned aerial vehicle with elevator deflection

Hoang Thi Bich Ngoc, Bui Vinh Binh 89

Instructions for Authors of Vietnam Journal of Mechanics are available at
<http://vjs.ac.vn/index.php/vjmech>

Printed in Vietnam by Chinh Nghia Service., JSC

Copyright deposit in 03/2019.

35.000 VND