

Vietnam Journal of Mechanics

Volume 43 · Number 2 · June 2021

PAPERS

Modal analysis of cracked beam with a piezoelectric layer

Duong Thanh Huan, Luu Quynh Huong, Nguyen Tien Khiem **105**

A comparative study on the two vibration driven locomotion systems in various friction levels

Ngoc-Tuan La, Thanh-Toan Nguyen, Van-Du Nguyen **121**

Stochastic analysis of lattice, nonlocal continuous beams in vibration

Yuchen Li, Noël Challamel, Isaac Elishakoff **139**

On two improved numerical algorithms for vibration analysis of systems involving fractional derivatives

Nguyen Van Khang, Duong Van Lac, Pham Thanh Chung **171**

Fault diagnosis of rolling bearings using singular spectrum analysis and artificial neural networks

Quang Thinh Tran, Kieu Nhi Ngo, Sy Dzung Nguyen **183**

Static repair of multiple cracked beam using piezoelectric patches

Tran Thanh Hai **197**

Printed in Vietnam by Chinh Nghia Service., JSC

Copyright deposit in 06/2021.

50.000 VND