

VNU JOURNAL OF SCIENCE: MATHEMATICS - PHYSICS

Executive Deputy Editor-in-Chief

Truong Vu Bang Giang

Vietnam National University, Hanoi, Vietnam

Managing Editors

Nguyen Dinh Duc - Vietnam National University, Hanoi, Vietnam

Nguyen Nang Dinh - VNU University of Engineering and Technology, Hanoi, Vietnam

Associate Editors

Holm Altenbach - Otto-von-Guericke University Magdeburg, Magdeburg, Germany

Bach Thanh Cong - VNU University of Science, Hanoi, Vietnam

Nguyen Huu Du - Vietnam Institute for Advanced Study in Mathematics, Hanoi, Vietnam

Nguyen Manh Duc - Oxford University, Oxford, United of Kingdom

Dinh Dung - VNU Information Technology Institute, Hanoi, Vietnam

David Hui - University of New Orleans, USA

Nguyen Hoang Luong - VNU University of Science, Hanoi, Vietnam

Manh-Huong Phan - University of South Florida, Florida, USA

Hui Shen Shen - Shanghai Jiao Tong University, Shanghai, China

Nguyen Duy Tam - Nanyang Technical University, Singapore

Ngo Viet Trung - Vietnam Academy of Science and Technology, Hanoi, Vietnam

Pham Chi Vinh - VNU University of Science, Hanoi, Vietnam

Shen Zexiang - Nanyang Technical University, Singapore

Secretary

Dao Thi Lan Nguyen Ngoc Anh

VNU Journal of Science, Hanoi, Vietnam Vietnam National University, Hanoi, Vietnam

Tel.: (84) 975896543; Tel.: (84) 942139699;

E-mail: lantckh@vnu.edu.vn E-mail: anhngocnguyen@vnu.edu.vn

Aims and Scope

VNU Journal of Science: Mathematics - Physics publishes *double-blinded* peer-review research papers, communications and reviews dealing with: Advanced engineering, Advanced structures, Computational sciences, Material sciences, Mathematics, Mechanics, Nano sciences, Physics.

Publication Information

The journal publishes *quarterly in March, June, September, December* by the Vietnam National University, Hanoi. As a fully open access publication, the journal will provide maximum exposure for published articles, making the research available to all to read and share. A corresponding print version is also available.

Any manuscript followed the journal's scope and author guideline will be assigned to managing editors. All manuscripts undergo an editorial screening and a double-blinded peer review by at least one independent expert in the field. The managing editors make an editorial decision, which is subject to endorsement by the Editor-in-Chief.

Further Information is available through the journal website: <http://js.vnu.edu.vn>

Publication Permit No 223/GP-BTTTT, issued on Jul. 22nd 2014 and Permit (Revised) No 62/GP-BTTTT, issued on Jan. 29th 2021. Printed at Su That Printing House, No 201 Cau Dien Street, Bac Tu Liem District, Hanoi, Vietnam. Legal Deposit: Quarter IV/2024.