

VNU JOURNAL OF SCIENCE: MATHEMATICS - PHYSICS

Editorial Board Chairman

Truong Vu Bang Giang
Vietnam National University, Hanoi, Vietnam

Editorial Board Deputy Chairman

Vu Tuan Anh
Vietnam National University, Hanoi, Vietnam

Editorial Board on Mathematics - Physics

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 40/GP-BVHTTDL, issued on May 20th 2025. Printed at Multicolour Printing Company Limited, No.7 Xuan Phuong, Nam Tu Liem, Hanoi. Legal Deposit: Quarter II/2026.