DESCRIPTION

The *Journal of Sound and Vibration* (JSV) is an independent journal devoted to the prompt publication of original papers, both theoretical and experimental, that provide new information on any aspect of sound or vibration. There is an emphasis on fundamental work that has potential for practical application.

*JSV* was founded and operates on the premise that the subject of sound and vibration requires a journal that publishes papers of a high technical standard across the various subdisciplines, thus facilitating awareness of techniques and discoveries in one area that may be applicable in others. For more detail on subject categories represented in *JSV*, visit *JSV* categories.

Benefits to authors
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Rapid Communications
*JSV* encourage Rapid Communications and to this end one referee is sought to prepare a report on each manuscript. Referees are requested to keep to a strict timeline and in order to fast track these manuscripts a second opinion is sought from either the Editor-in-Chief, or one of the Receiving Editors, after which authors are notified of a decision.

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GUIDE FOR AUTHORS

Types of contribution
Original full length articles, review articles, rapid communications, discussions of previously published articles in JSV and commentaries in response to discussions, book reviews and Virtual Special Issue papers. Authors are advised that papers whose contribution is not concerned with fundamental issues in sound and vibration are not normally accepted; such material should be directed to more appropriate publications.

Papers published in JSV should contain new results, of potentially wider application than the specific situation reported; otherwise they should contain new insights of value to the acoustics and vibration community (for example by synthesizing material from traditionally separate fields), or provide authoritative reviews of progress in a defined area. Each paper submitted for publication is normally subject to review and criticism by two independent, anonymous referees, and authors are provided with copies of these reviews so that they can make revisions and improvements to their manuscripts before publication. For more information about how the peer review process is conducted for this journal, please take a look at the 'Peer review policy statement' here The normal time limit for the submission of an author's revised manuscript is three months; revised manuscripts received after this time may be considered as new submissions and subject to full re-review.

Authors should aim to produce a manuscript that can be reviewed on its own, without assuming that earlier or later parts will be published. The Editors strongly encourage authors considering the submission of multiple papers (eg: Part I, Part II, etc.) to instead combine them into one paper - in such cases this is a common recommendation of the reviewer(s). Alternatively, authors may choose to submit the respective parts sequentially, once the outcome of the review of the earlier manuscript is known. Authors in any doubt should contact the editor to whom the submission will be made.

Discussion Comments, of either a specific or a general nature, on work previously published in JSV should be submitted as Discussion items. A discussion should contain a maximum of 10 journal pages, including any figures. Discussion items do not require an abstract. Should the Discussion item be accepted, JSV policy is that the authors of the original article will be offered the opportunity to submit a response to the Discussion in the form of a Commentary. The timescale for authors to submit a response, to ensure publication within the same issue, is approximately 4-6 weeks.

Review Articles The Editors wish to encourage publication of scholarly review articles in the Journal. Review articles are typically 20-40 journal pages in length (about 20,000 words), and may focus on any area of sound or vibration likely to interest JSV readers. They may be relatively broad in scope - thereby serving a tutorial function - or quite specialized, aimed at researchers in the chosen field.

Before submitting a review article please contact the Editor-in-Chief with an outline of the proposed manuscript. (jsv@isvr.soton.ac.uk). The proposal should include: List of authors, with credentials that show their standing in the field; A summary of the paper (max A4); Contents of the paper

If the Editor-in-Chief approves an outline please ensure that you make a note of this in the cover letter and/or submission details when you submit your manuscript.

Rapid Communications in the JSV are short papers addressing fundamentally new ideas, novel experimental observations or formulation of new challenging problems. Fast turn-around times are one of the key benefits of Rapid Communications providing a competitive advantage to authors.

Purpose: Rapid Communications are publications, up to four pages in size, and reporting a result likely of impact on the future research in the respective field. Authors are encouraged to submit an extended version of the paper at a later stage. Scope: Different from full research papers, it does not need to cover either detailed background information or a comprehensive evaluation. Instead, the focus is on quick publication of preliminary results and thoughts that are related to: Fundamentally new ideas, not yet fully proven Novel and Intriguing experimental observations Formulation of new problems of fundamental importance to the field of sound and vibration and/or its application in the emerging industries
Acceptance: The work reported needs to be novel and advancing the state of the art. Papers will be handled by the EiC or one of the Deputy EiCs, who will base their decision on one review. Referees are requested to keep to a strict timeline in order to fast track these manuscripts.

Format: Short Communications are limited to 2500 words (approx. 4 pages, a figure counts as 200 words) and should have no more than 10 references.

Review Guidelines: Review time will be short, ideally less than four weeks. A decision for acceptance or rejection will be made after the first round, with the option to make minor revisions. The decision is primarily based on (i) novelty, (ii) technical soundness, (iii) expected impact on the state-of-the-art and (iv) overall presentation and readability.

Machine Learning Papers
In the last few years, JSV has been receiving a large number of papers relating to machine learning or 'soft computing' applied in a mechanical systems context. Many of these papers are rejected without review as they do not conform to the standards required of a JSV paper. Please click here for further information.

Book Reviews
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Virtual Special Issues (VSI)
Nominated Guest Editors will need to submit an outline proposal to Professor Andrei Metrikine (A.Metrikine@tudelft.nl) giving some background to a suggested Virtual Special Issue (VSI) plus the theme of the issue. There are two types of VSI available:

Curated VSI - A selection of up to 12 papers can be selected from past publications in the journal. These will appear on-line only. Papers retain their original DOI and are not re-printed.

New Work VSI - Up to 12 manuscripts describing new work can be submitted to the journal within an agreed theme. Manuscripts are subject to our usual peer review process. Accepted manuscripts will appear together on-line and will also appear in the printed journal.

Conference Proceedings
JSV will be delighted to consider content which has been part of a conference before, and this will be peer reviewed in the same way as standard content. The submitting author is required to declare this at the moment of submission. Submission will also assume that the author has requested and received permission from the conference to publish the content again-no matter the amount of alteration-and that no submission will be made to JSV without this permission having been received. In the case that the permission is not granted, the author will not submit the paper to JSV under any circumstances. The author will also not submit papers to JSV for which they are currently seeking permission from the relevant conference. Should a paper be found to be in breach of copyright subsequent to publication, this paper will be retracted at the discretion of the publisher.

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PREPARATION
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**Equations**
Equations should be referred to as Eq. (1), Eq. (2) etc.

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The Conclusions should:
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2. It may also stress the importance of the paper's findings.
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**Appendices**
If an appendix is required the order at the end of the article should be: Conclusion, Acknowledgement, Appendix, References. If there is more than one appendix, they should be identified as A, B, etc. Formulae and equations in appendices should be given separate numbering: Eq. (A.1), Eq. (A.2), etc.; in a subsequent appendix, Eq. (B.1) and so on. Similarly for tables and figures: Table A.1; Fig. A.1, etc.
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For additional guidance and examples, refer to STYLE or to any recent issue of JSV.

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