



Romanian Journal of Acoustics and Vibration

The Romanian Refereed Journal of the Romanian Society of Acoustics

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ARTICLES

The Romanian Journal of Acoustics and Vibration (RJAV) is a referred published quarterly by the Romanian Society of Acoustics (SRA). RJAV includes referred articles, technical notes, letters-to-the-editor, book reviews, a calendar, and announcements of general interest to readers.

Articles may be theoretical or experimental in nature. But those which combine theoretical and experimental approaches to solve acoustic and vibration problems are particularly welcome. Technical notes (or brief contributions), letters-to-the-editor, and announcements may also be submitted. Articles must not have been previously published in other engineering or scientific journals. Articles in the following (or related areas) are particularly encouraged: active noise control, active vibration control, aero acoustics, architectural acoustics, boundary element and finite element methods, condition monitoring and diagnostics, passive and active damping, environmental noise, human response to sound and vibration, inverse methods, low frequency noise and vibration, machinery noise and vibration control, materials for noise and vibration control, measurement techniques, mechanisms of human hearing, modal analysis, musical acoustics, noise control elements, non-destructive testing, non-linear acoustics and vibration, numerical methods, occupational noise exposure and control, outdoor sound propagation, scattering of sound, signal processing, sound intensity, sound sources, sound transmission, energy statistical analysis, structural acoustics and vibration, structural intensity, transportation vibration and noise, underwater acoustics, vibration and shock, vibration sources, and wavelet analysis.

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The manuscript should be double-sided double-spaced on A4 paper, subdivided by main headings - typed in upper case flush left, with one line of space above and below and sub headings within a section - typed in upper and lower case underscored, flush left. Sub-sub headings should be italic. Articles should be written so that readers in different fields of acoustics and vibration can understand them easily. Manuscripts should not exceed twenty double-spaced pages, including figures and illustrations. The first page of the manuscript should include, on separate lines, the title of the article, the name(s) of the author(s), affiliation(s), and mailing address(es) of author(s), in upper and lower case. Do not include the author's title, position or degrees. Give an adequate post office address, including zip or other postal code and the name of the country. An abstract of not more than 200 words should be included with each paper. References should be numbered consecutively throughout the paper, with the number appearing in a bracket at the end of the sentence unless such placement causes ambiguity. The references should be grouped together, at the end of the article on a separate page. Footnotes are discouraged. Abbreviations and special terms must be defined, if used.

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Books:

Dowell, E.H. *Aeroelasticity of plates and shells*, Nordhoff, Leyden, (1975).

Skudrzyk, E.S. *Simple and Complex Vibratory Systems*, the Pennsylvania State University Press, London, (1968).

Others:

Yang, J.N., Akbarpour, A., and Ghaemmaghami, P. Technical Report NCEEER-87-0007, Instantaneous Optimal Control Law for Tall Buildings Under Seismic Excitations, (1987).

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