

First International Conference on Vibration Measurements by Laser Techniques: Advances and Applications, 3-5 October 1994, Ancona, Italy

SPIE--the International Society for Optical Engineering - Department of Mechanical Engineering

Description: -



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Holographic interferometry -- Congresses.
Laser interferometers -- Congresses.
Laser Doppler velocimeter -- Congresses.
Vibration -- Measurement -- Congresses.
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Second International Conference on Vibration Measurements by Laser Techniques: Advances and Applications

Linear sinusoidal fringes, which are formed by the interference of two wave fronts emitted from the output of a fiber coupler, are projected on the object surface.

Measurement Science and Technology, Volume 9, Number 6, June 1998, June 1998

Inverse techniques are an emerging suite of methods which, when fully embraced, promise to provide better experiments and improved understanding of physical processes. SLDOs may acquire data from both large and short distances and this make a difference with other non intrusive sensors, and also store a great amount of data, consisting of both temporal and spectral records.

Structural mechanics related conferences

Vibration measurements of the unbo corresponding to manipulations of the ossicular chain allow conclusions regarding its sound transmission characteristics. This annual event of Indian Society for Non-Destructive Testing ISNT provides highly stimulating and interactive platform for all NDE professionals right from students to experts, equipment manufacturers, third party inspection agencies and service providers to explore and exchange latest ideas and advancements in the field of NDE.

Second International Conference on Vibration Measurements by Laser Techniques: Advances and Applications

The limitations of holography with respect to the sampling rate can be overcome in the context of modal analysis by using stepped sine testing. ISSN 1994-2060 Malviya, Vihar, Mishra, Rakesh and Fieldhouse, John D. An experimental comparison has been carried out between two laser Doppler vibrometers, different as for frequency shift generation between measuring and reference beam of the interferometer.

13th International Conference on Vibration Measurements by Laser and Noncontact Techniques

University of Huddersfield, Huddersfield, pp. Measurements of photoconductivity decay from the steady state for samples of amorphous silicon and silicon-carbon alloys were carried out using the experimental set-up with a Pockels cell as a light chopper.

Errors and uncertainties of interferometric measurements of linear and torsional vibrations

This would have allowed minor techniques to be introduced. Besides others the container has to suffer severe impacts e.

Developments in laser Doppler accelerometry (LDAc) and comparison with laser Doppler velocimetry

Panel discussions will be also included during the conference. DPG VI 30, 311, Q-1C. Proceedings of 18th International Modal Analysis Conference - IMAC XVIII, San Antonio USA , 7-10 February 2000, pp.

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