

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

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Description: -



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Holographic interferometry -- Congresses.
Laser interferometers -- Congresses.
Laser Doppler velocimeter -- Congresses.
Vibration -- Measurement -- Congresses.
First International Conference on Vibration Measurements by Laser Techniques: Advances and Applications, 3-5 October 1994, Ancona, Italy

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Errors and uncertainties of interferometric measurements of linear and torsional vibrations

ISBN 9781862180857 Al-Arbi, Salem, Gu, Fengshou, Guan, Luyang, Ball, Andrew and Naid, A. The pressure variations lead to corresponding variations in the refractive index of the air which can be measured using interferometric techniques like TV- holography. An element, among others, that enables to achieve such goal is the efficiency of the production cycle machines.

The new laser doppler accelerometer for shock and vibration measurement

However, fibre sensors must be placed in contact or closed to the object to be measured, and so they maybe not used in many occasions, where the objects cannot be reached or are impossible to modify, e. The original two coordinate step wave motors of synchronous type are analyzed. Due to the fact that the Fair access will be free of charge, we estimate approximately 1000 daily visitors or representatives of SMEs from the county and surroundings.

Errors and uncertainties of interferometric measurements of linear and torsional vibrations

This event showcases the unique collaboration between engineers who develop smart materials, and researchers using sensor networks and non-destructive evaluation methods to monitor the health of structural and biological systems.

The apparent mass and mechanical impedance of the hand and the transmission of vibration to the fingers, hand, and arm

This paper presents a technique for obtaining wholefield modal data using electronic speckle pattern interferometry ESPI , and focuses on the manipulation of optical information to provide a grid of data points which is transferred to a modal analysis software package for comparison with traditional pointwise modal data sets. ISSN 1742-6596 Hu, Lei, Hu, Niaoqing, Qin, Guojun and Gu, Fengshou 2011 Chinese Journal of

Mechanical Engineering, 24 3. University of Huddersfield, Huddersfield, pp.

First International Conference on Vibration Measurements by Laser Techniques: Advances and Applications, 3

ISSN 0003-682X Li, Yuhua, Gu, Fengshou, Harris, G.

Metrology of vibration measurements by laser techniques, Proceedings of SPIE

Ductile cast iron containers for transportation and deposition of radioactive waste have to be designed carefully in order to avoid unacceptable damages and leakages in case of an accident.

Papers in International Conference Proceedings

After defects localisation it is possible to investigate the associated spectrum by pointing the laser, for example, at the centre of the detached regions.

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