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Vibrations in the Production System Measurement and Analysis with Water Jet Technology



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Measurement and Analysis with Water Jet
Technology

 Springer

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Preface

The submitted monograph “Measurement and analysis of vibrations in the production system with water jet technology” originated as an output of a project KEGA 006TUKE-4/2017.

The monograph was written at research and experimental workplace in a laboratory of liquid jet, Institute of Physics, Faculty of Mining and Geology, University of Mining and Metallurgy—Technical University of Ostrava. It is intended for the experts in the respective field, for broad professional public and for people concerned over getting acquainted with principles and procedures related to the measurement and assessment of magnitude of acceleration amplitude of vibrations in machining by the application of water jet technology.

The monograph consists of nine separate chapters containing basic information on domain of the application of water jet, sieve analysis and its working principle, measurement and assessment of magnitude of amplitude of acceleration of technological head vibrations of water jet.

The monograph presents actual theoretical knowledge and results of the relevant researches.

Prešov, Slovakia

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