

Recent american and international developments in the assessment of surface quality and their effect on the future.

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Abstract

Surface geometry measurement, especially surface roughness measurement, has taken significantly different, although sometimes overlapping, directions in the United States on the one hand and in Europe and the rest of the industrial nations on the other. Developments of shop instruments, research instruments, new parameters, standards and sensors will call for new approaches to instrumentation and use with truly inexpensive simple devices, flexible quality control instruments, automated surface inspection and the "ultimate" surface quality analysis center benefiting from microprocessors and advances in computer technology and electro-optics.



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€ Member, American National Standards Committee B46; Chairman, Subcommittee No. 1 “Precision Reference Specimens; Chairman, Subcommittee No. 5 “Parameters and Methods. Special lifetime affiliate member of the Industrial Diamond Association of America Inc. and Chairman of its Standards Evaluation Committee.

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