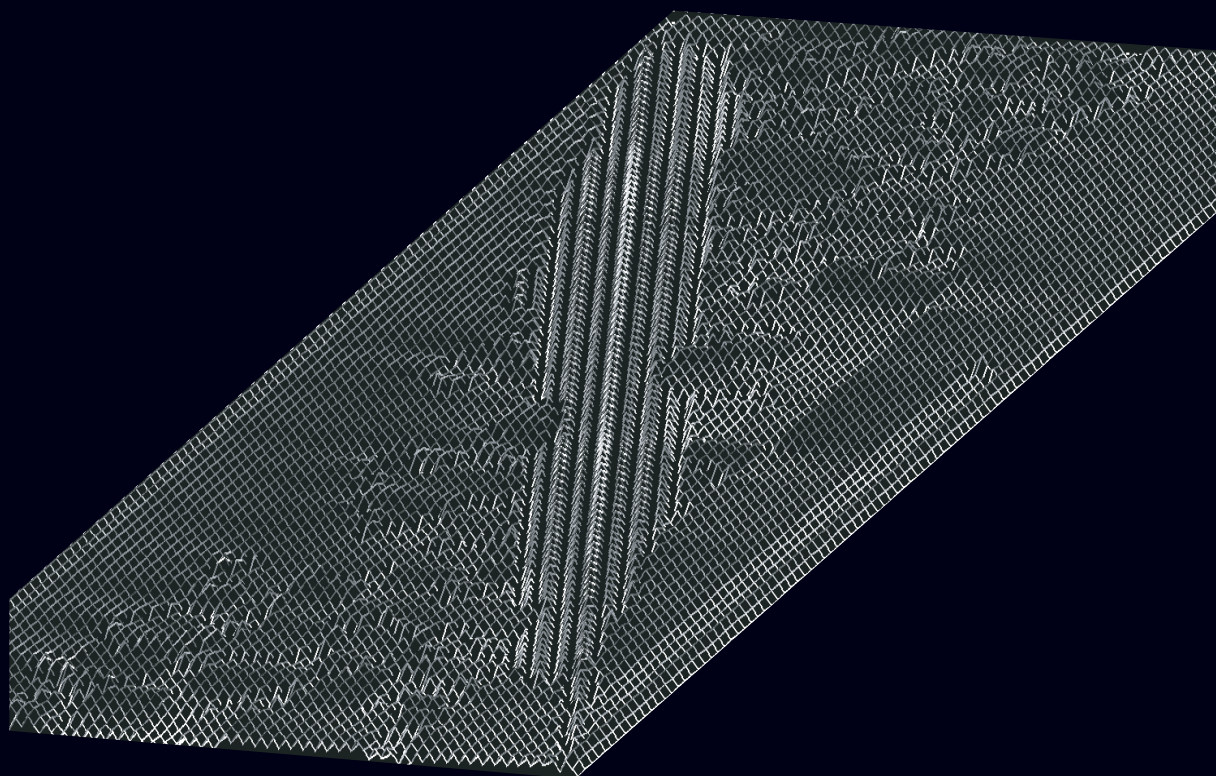


Journal of Research

of the

National Institute of Standards and Technology

November - December 2003, Vol. 108, No. 6 ISSN 1044-677X



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National Institute of Standards and Technology
Technology Administration, U.S. Department of Commerce

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¹At Boulder, CO 80303

²Some elements at Boulder, CO

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Volume 108

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Cover: The cover illustration shows a three-dimensional simulation of twinned-Martensite. For more information on a computational method for approximating twinned-Martensite, see the article “Simulation of an Austenite-twinned-Martensite Interface,” by A. J. Kearsley and L. A. Melara, Jr. on p. 413.
Cover figure arranged by C. Carey.

The *Journal of Research of the National Institute of Standards and Technology*, the flagship periodic publication of the national metrology institute of the United States, features advances in metrology and related fields of physical science, engineering, applied mathematics, statistics, biotechnology, and information technology that reflect the scientific and technical programs of the Institute. The *Journal* publishes papers on instrumentation for making accurate measurements, mathematical models of physical phenomena, including computational models, critical data, calibration techniques, well-characterized reference materials, and quality assurance programs that report the results of current NIST work in these areas. Occasionally, a Special Issue of the *Journal* is devoted to papers on a single topic. Also appearing on occasion are review articles and reports on conferences and workshops sponsored in whole or in part by NIST.

ISSN 1044-677X

Coden: JRITF

Library of Congress Catalog Card No.: 89-656121

United States Government Printing Office, Washington: 2003

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Available online
<http://www.nist.gov/jres>

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