

# New Literature

## ■STRESS-ANALYSIS DATA

A full-color wall chart entitled 'Reference Data for Experimental Stress Analysis' serves as a compact, convenient handbook of useful data for engineers and technicians involved in stress-analysis testing. The chart provides formulas, constants, guidelines and procedures. Information on strain gages, photoelasticity, brittle coatings and materials properties is included in the following areas: rosette equations, correction for apparent strain, table of leadwire resistances, Wheatstone-bridge output relationships, stress/strain optic laws, and nominal elastic and thermal properties of over 60 materials. Measurements Group, Inc., P.O. Box 27777, Raleigh, NC 27611. **106**

## ■TECHNICAL-DATABASE HANDBOOK

The new, comprehensive 'R&D Database Handbook: A Worldwide Guide to Key Scientific and Technical Databases,' contains information on more than 500 key scientific and technical databases

scattered around the world. The handbook tells the user where these databases are, what they contain, and how to access them. It features a comprehensive subject-matter index and a directory of on-line distributors. The book is designed for high-technology professionals—corporate managers who must keep track of technology, long-range planners, new-product managers, and scientists and engineers involved in research and development. Technical Insights, Inc., P.O. Box 1304, Fort Lee, NJ 07024. **120**

## ■JAPANESE TECHNOLOGICAL ADVANCEMENTS

*Techgram Japan*, a new monthly newsletter, delivers timely information on innovative products and processes across a broad spectrum of Japanese industrial design and production, from textiles to robotics. In about 50 advertising-free pages, the newsletter is said to provide concise, well-researched and indexed summaries of new developments in electrical and electronic equipment; information, communications and service in-

dustries; robotics and precision instruments; energy, engineering and machinery; bioindustry; and metals. Techgram Japan, Nissho Iwai American Corporation, 1211 Avenue of the Americas, New York, NY 10036. **110**

## ■ACCELEROMETER LINE

A new illustrated data bulletin (No. 8.8614) describes an expanded line of accelerometers, which now includes the miniature 'Picotron' Series 8614 for use with vibration-measuring instrumentation. According to the bulletin, the new low-impedance accelerometer weighs less than 0.7 g, measures .20 in.<sup>2</sup> × .28-in. high and features a flat upper-frequency response of 25 kHz at +5-percent point. The 8614 is said to be ideal for PC-board-component testing, high-speed rotating-equipment performance testing, and wear-signature analysis in such applications as vehicle-suspension development, missile and aircraft-vibration determination and rotating-machinery testing. Kistler Instrument Corporation, 75 John Glenn Drive, Amherst, NY 14120. **102**

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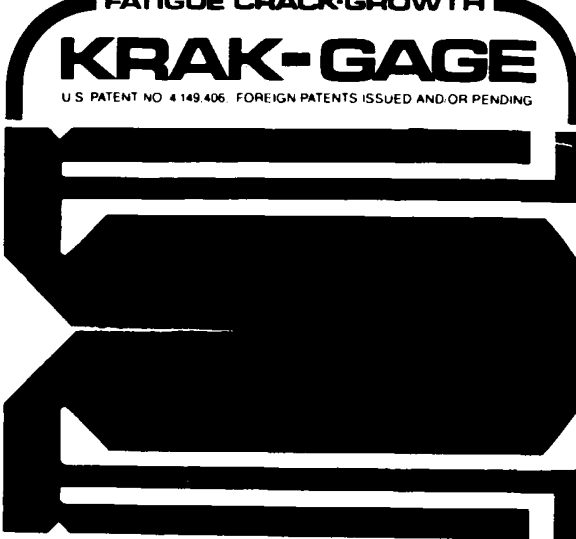
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