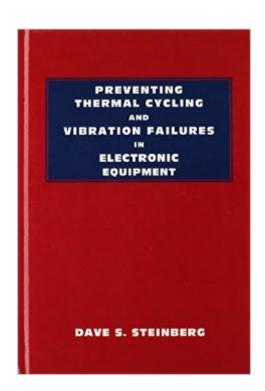
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## Preventing Thermal Cycling And Vibration Failures In Electronic Equipment





## Synopsis

This book deals with the packaging of electronic equipment to prevent damage from vibration and exposure to large variations in temperature.

## **Book Information**

Hardcover: 304 pages Publisher: Wiley-Interscience; 1 edition (June 22, 2001) Language: English ISBN-10: 0471357294 ISBN-13: 978-0471357292 Product Dimensions: 6.5 x 1.2 x 9.3 inches Shipping Weight: 15.2 ounces (View shipping rates and policies) Average Customer Review: 4.0 out of 5 stars Â See all reviews (1 customer review) Best Sellers Rank: #1,015,028 in Books (See Top 100 in Books) #53 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design > Packaging #283 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Quality Control #1493 in Books > Engineering & Transportation > Engineering > Materials & Material Science

## **Customer Reviews**

Dave Steinberg is probably the best known source for practical thermal as well as shock and vibration manual (pencil and paper) analysis of electronic systems. His approach, both in his books and in the three day seminars that he used to give, was aimed at the non-analyst engineer, and enabled many people to bridge the gap between the theory they learned in school and practical applications. His methods focused on manual calculations, and addressed the components and types of electronic system designs that were in use in the 1970s and 1980s, which is the time period when Steinberg was developing his approach. This book contains a good bit of the content from his other two well-known books (Vibration Analysis for Electronic Equipment and Cooling Techniques for Electronic Equipment). This volume includes some updated information relating to more modern package types, but still falls short of comprehensive treatment of modern packaging. Modern thermal and vibration analysis is dominated by computer methods, but Steinberg's books impart a sense of how the physical world works. For this reason, this book and his two others will remain valuable to the working engineer.

Preventing Thermal Cycling and Vibration Failures in Electronic Equipment CARB CYCLING - The Best Carb Cycling Recipes for Beginners!: ARB CYCLING - The Ultimate Carb Cycling Guide to Weight and Fat Loss Waste Electrical and Electronic Equipment (WEEE) Handbook (Woodhead Publishing Series in Electronic and Optical Materials) CARB CYCLING: Recipes for Beginners! -The Ultimate Carb Cycling Guide to Weight and Fat Loss Tino Tabak - Dreams and Demons of a New Zealand Cycling Legend (New Zealand Cycling Legends Book 5) Cycling: Bicycling Made Easy: Beginner and Expert Strategies For Performing Better On Your Bike (Cycling Training For Fitness & Sports Competition Beginners & Expert) Fasting: The Intermittent Fasting Bible: Intermittent Fasting - Flexible Diet & Carb Cycling (Belly Fat, Ketogenic, High Carb, Slow Carb, Testosterone, Lean Gains, Carb Cycling) Pilgrim Spokes: Cycling East Across America (Cycling Reflections Book 2) Jane's Airport & Atc Equipment 1993-94 (Jane's Airport Equipment and Services) Jane's Airports Equipment & Services 2004-2005 (Jane's Airport Equipment and Services) Jane's Airports Equipment & Services 2005-06 (Jane's Airport Equipment and Services) Understanding Anesthesia Equipment (Dorsch, Understanding Anesthesia Equipment) IEEE Std 1100-1999, IEEE Recommended Practice for Powering and Grounding Electronic Equipment (The IEEE Emerald Book) Failures and the Law: Structural Failure, Product Liability and Technical Insurance 5 (Istli Special Publication) Privatization: Successes and Failures (Initiative for Policy Dialogue at Columbia: Challenges in Development and Globalization) Nightmare Pipeline Failures: Fantasy Planning, Black Swans, and Integrity Management Forensic Engineering: Learning from Failures Systematic Analysis of Gear Failures Metal Failures: Mechanisms, Analysis, Prevention Sound and Structural Vibration, Second Edition: Radiation, Transmission and Response

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