

# SHOCK AND VIBRATION HANDBOOK

SECOND EDITION

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various modes of heat removal such as conduction radiation and convection the impact of thermal stresses vibration and the resultant stresses shock management mechanical electrical and chemically induced reliability and more Unlike many other available works it neither assumes the reader's familiarity with the subject nor is it so basic that the reader may lose interest Dr Ali Jamnia has published a large number of engineering papers and presentations and is the holder of a number of patents and patent applications He has been involved in the issues of electronics packaging since the early 90s and since 1995 has worked toward the development of innovative electronics systems to aid individuals with physical or cognitive disabilities By consulting this manual engineers program managers and quality assurance managers involved in electronic systems gain a fundamental grasp of the issues involved in electronics packaging learn how to define guidelines for a system's design develop the ability to identify reliability issues and concerns and are able to conduct more complete analyses for the final design

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