
Preface

This book entitled “Random Vibration in Spacecraft Structures Design: Theory and Applications” is based on the lecture notes “*Spacecraft structures*” and “*Special topics about vibration in spacecraft structures*”. The author is lecturer to the graduate students at the Delft University of Technology, faculty of Aerospace Engineering, chair Aerospace Structures. Besides lecturing, the author is employed at Dutch Space BV in The Netherlands, where he gained practical experience applying random vibration analysis techniques in spacecraft design. Both the scientific environment at the University and the practical approach in the course of spacecraft related projects in industry provide a good foundation to compile this book.

This book on low and high frequency mechanical, acoustic random vibrations is of interest to graduate students and engineers working in aerospace engineering, particularly in spacecraft and launch vehicle structures design.

I would like to express my admiration for the patient showed by my wife Wil during the preparation of this manuscript.

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Jaap Wijker

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Wijker, J.J.

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