

## Fundamentals of Noise and Vibration Analysis for Engineers

Noise and vibration affects all kinds of engineering structures, and is fast becoming an integral part of engineering courses at universities and colleges around the world. In this second edition, Michael Norton's classic text has been extensively updated to take into account recent developments in the field. Much of the new material has been provided by Denis Karczub, who joins Michael as second author for this edition.

This book treats both noise and vibration in a single volume, with particular emphasis on wave-mode duality and interactions between sound waves and solid structures. There are numerous case studies, test cases and examples for students to work through. The book is primarily intended as a text book for senior level undergraduate and graduate courses, but is also a valuable reference for practitioners and researchers in the field of noise and vibration.



# Fundamentals of Noise and Vibration Analysis for Engineers

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Second edition

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CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo

Cambridge University Press

The Edinburgh Building, Cambridge CB2 8RU, UK

Published in the United States of America by Cambridge University Press, New York

[www.cambridge.org](http://www.cambridge.org)

Information on this title: [www.cambridge.org/9780521495616](http://www.cambridge.org/9780521495616)

© First edition Cambridge University Press 1989

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First edition published 1989

Reprinted 1994

Second edition published 2003

*A catalogue record for this publication is available from the British Library*

ISBN 978-0-521-49561-6 hardback

ISBN 978-0-521-49913-2 paperback

Transferred to digital printing 2007

To  
our parents,  
the first author's wife Erica,  
and his young daughters Caitlin and Sarah

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