

Bilag 4

Indholdsfortegnelse for Noise Control Engineering Journal

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Noise Control Engineering Journal

— An International Publication —

Volume 53, Number 5

2005 September–October

FOREWORD—ACTIVE CONTROL ISSUE

Foreword to the special issue on active control for sound and vibration

Scott Sommerfeldt

DISTRIBUTED CONTROL

Distributed control of sound and vibration

Stephen J. Elliott

INDUSTRIAL APPLICATIONS

Current and future industrial applications of active noise control

Colin H Hansen

ENGINEERING APPLICATIONS

Engineering Applications of Active Sound and Vibration Control

Joachim Scheuren

MODULATED SOUNDS

Active control of amplitude or frequency modulated sounds in a duct

Vivake Asnani, Rajendra Singh,
and Stephen Yurkovich

VIBRATION ISOLATION

A robust subspace based approach to feedforward control of broadband disturbances on a six-degrees-of-freedom vibration isolation setup

G. Nijse, H. Super, J. Van Dijk,
and J.B. Jonker

BOOK REVIEWS

Engineering Noise Control – Theory and Practice, Third Edition

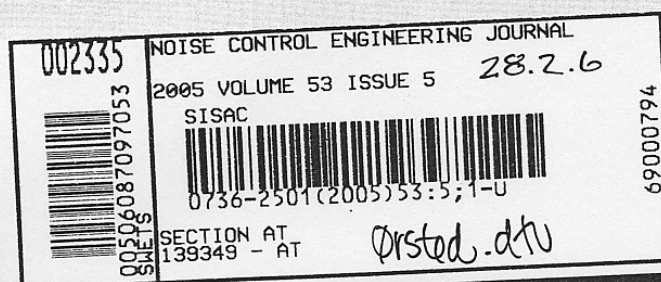
David A. Bies and Colin H. Hansen

Reviewed by Scott D. Sommerfeldt

Active Noise Control Primer

Scott D. Snyder

Reviewed by Jiri Tichy



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2005 November–December

HIGHER ORDER MODES IN MUFFLERS

Prediction and measurement of the four-pole parameters of a muffler including higher order mode effects

T.S.S. Narayana and M.L. Munjal

COMBINATION MUFFLERS

Combination mufflers—Theory and parametric study

S.N. Panigrahi and M.L. Munjal

OPTIMISATION OF VIBRO-ACOUSTIC SYSTEMS

A tool for the optimisation of vibro-acoustic systems using a parallel genetic algorithm and a distributed computing network

Carl Q. Howard, Rick Morgans, Colin H. Hansen, and Anthony C. Zander

MEASUREMENT OF ABSORPTION

The effect of mean free path on reverberation room measurement of absorption and absorption coefficients

Gary C. Mange

HYDRAULIC ENGINE MOUNTS

Estimation of amplitude and frequency dependent parameters of hydraulic engine mount given limited dynamic stiffness measurements

Song He and Rajendra Singh

BOOK REVIEWS

Engineering Acoustics: An Introduction to Noise Control
Michael Möser, Translated by Stefan Zimmermann

Reviewed by Lewis S. Goodfriend

Sonics: Techniques for the Use of Sound and Ultrasound in Engineering and Science

T.F. Hueter and R.H. Bolt

Reviewed by Brandon D. Tinianov

ERRATA

Technical Note: Additional thoughts on railway noise

David Lloyd Klepper

SUBJECT INDEX TO VOLUME 53

AUTHOR INDEX TO VOLUME 53



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2006 January–February

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Ørstedss Plads, DK-2800 Kgs. Lyngby, Denmark
Tlf. 45 25 39 30 - Fax 45 88 05 77

FORWARD – FAN NOISE ISSUE

Forward to the special issue on fan noise

Lauchle

FAN NOISE PREDICTION

Broadband Fan Noise Prediction Using Single-Airfoil Theory
Numerical 2-D and 3-D Methods for Computation of Internal Unsteady
Pressure Field and Near-Field Noise of Fans

Roger, Moreau and Guédel
Timouchev, Tourret, Pavic and Aksenov

FAN INSTALLATION EFFECTS

Prediction of the Noise Installation Effect Induced by a Bend at the Inlet of
an Axial Flow Fan

Guédel

AXIAL-FLOW FAN NOISE CONTROL

Quantification and Control of Noise Sources in a Small Axial-Flow Fan
Active Control of the Blade Passage Frequency Noise Level of an Axial Fan
with Aeroacoustic Sound Sources

Wang and Huang
Schulz, Neise and Möser

ENGINEERING APPLICATIONS

Control of Noise from a Fan in a Wall Gas Boiler
Experimental Study of Noise Reduction and Improved Cooling Fan
Performance in a PDP TV

Nicolini and Filipponi
Kim, Choi, Lee and Jeon

BOOK REVIEWS

Sound Ideas: Acoustical Consulting at BBN and Acentech
Deborah Malone and Eric W. Wood

Reviewed by Gregory C. Tocci

Vibration and Sound
Philip M. Morse

Reviewed by Honey L. Walters



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2005 March–April

EARTH-MOVING MACHINES

Experimental study of sources of noise from heavy earth-moving machinery

Harsha Vardhan, N.C. Karmakar, and
Y.V. Rao

PRESCHOOL CLASSROOMS

Acoustical evaluation of preschool classrooms

Wonyoung Yang and Murray Hodgson

IMPULSIVE NOISE

NIOSH/NHCA Best-Practices Workshop on impulsive noise

Chucui A. Kardous, John R. Franks, and
Rickie R. Davis

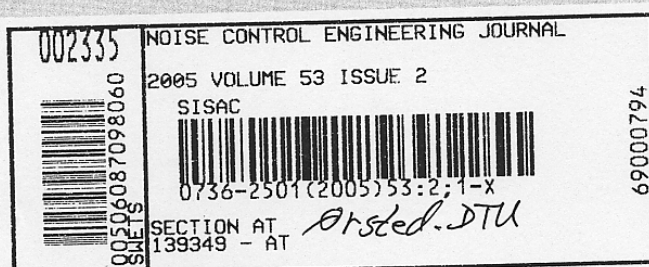
BOOK REVIEWS

Vibration of Plates
Arthur W. Leissa

Reviewed by Arindam Ghosh

Vibration of Shells
Arthur W. Leissa

Reviewed by Salem Hertil



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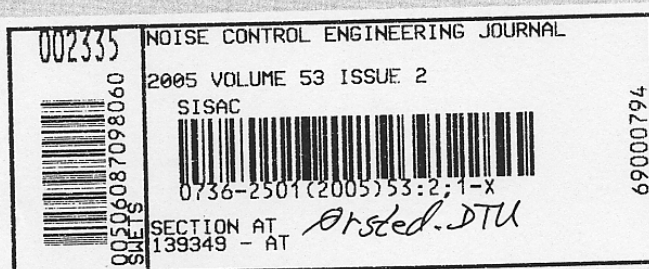
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Indholdsfortegnelse for Noise/News International

NOISE/NEWS INTERNATIONAL

Volume 13, Number 3

2005 September

Features

ACTIVE 2006 Announcement and Call for Papers.....	78
Second Annual Workshop on Global Noise Policy.....	82

Departments

President's Column.....	75
Editor's View.....	76
Member Society Profile.....	81
Asia-Pacific News.....	95
Pan-American News.....	96
European News.....	98
International Representatives.....	99
Product News.....	103
Acknowledgements.....	108
Conference Calendar.....	108
Directory of Noise Control Services.....	CVR3

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NASA Acoustical Testing Laboratory
Courtesy of the NASA Glenn Research Center

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NOISE/NEWS INTERNATIONAL

Volume 13, Number 4

2005 December

Features

2006 International Congress and Exposition on Noise Control Engineering	116
INTER-NOISE 2005 Report	122
NOISE-CON 05 Report	130

Departments

President's Column	111
Editor's View	113
Member Society Profile	115
INCE Update	135
European News	136
Pan-American News	137
Asia-Pacific News	138
International Representatives	140
Product News	143
Acknowledgements	147
Conference Calendar	147
Index to Volume 13	148
Directory of Noise Control Services	CVR3

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Cute white hibiscus. The hibiscus has many types of flowers, but white hibiscus is native to Hawaii.
• Photo courtesy of Hawaii Visitors and Convention Bureau

I-INCE president, Hideki Tachibana, left, and INTER-NOISE 06 General Chair David Holger appear to be Hawaii bound. • Photo courtesy of George Maling

2005 December

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NOISE/NEWS INTERNATIONAL

Volume 14, Number 1

2006 March

Features

ACTIVE 2006 Travel Planning.....	8
Sustainable Development in an Urbanizing World – The Noise Issue.....	14
Minneapolis Workshop on United States Noise Policy.....	20

Departments

President's Column.....	3
Editor's View.....	5
Member Society Profile.....	7
Asia-Pacific News.....	33
Pan-American News.....	34
INCE Update.....	36
European News.....	38
International Representatives.....	42
Product News.....	45
Acknowledgements.....	48
Conference Calendar.....	48
Directory of Noise Control Services.....	CVR3

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Adelaide Skyline, South Australia

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