

TEMPO

A QUARTERLY REVIEW OF NEW MUSIC

EDITORIAL: THE ART OF THE STRING MULTIPHONIC

MULTIPHONICS ON VIBRATING STRINGS

CASPAR JOHANNES WALTER

OF NEON LIGHT: MULTIPHONIC AGGREGATES ON
THE ELECTRIC GUITAR

THOMAS CISZAK AND SETH F. JOSEL

CELLO MULTIPHONICS: TECHNICAL AND MUSICAL
PARAMETERS

ELLEN FALLOWFIELD

MULTIPHONICS ON THE HARP: INITIAL OBSERVATIONS

GUNNHILDUR EINARSDÓTTIR

THE MICROTONAL PIANO AND THE TUNED-IN
INTERPRETER

SANAE YOSHIDA

FAREY SEQUENCES MAP PLAYABLE NODES ON A
STRING

THOMAS NICHOLSON AND MARC SABAT

REVIEWS: FIRST PERFORMANCES, CDs, AND BOOKS

PROFILE: ELLEN FALLOWFIELD

ARTWORK: MAAYAN TSADKA

TEMPO

EDITOR *Christopher Fox*
tempoeditor@cambridge.org

REVIEWS EDITOR *Heather Roche*
temporeviewseditor@gmail.com

ADVERTISING
Email (UK and rest of the world)
ad_sales@cambridge.org

Email (US) USAAdsales@cambridge.org

SUBSCRIPTION ENQUIRIES
Tel: 01223 326070
Email: journals@cambridge.org

ADVISORY BOARD
Amy C. Beal
University of California, Santa Cruz, USA
Davinia Caddy
University of Auckland, New Zealand
Jonathan Cross
University of Oxford, UK

Mark Delaere
KU Leuven, Belgium

Kyle Gann
Bard College, USA

James Gardner
Auckland, New Zealand

Gisela Gronemeyer
Cologne, Germany

Anna Höstman
Toronto, Canada

Peter Hill
University of Sheffield, UK

Nicholas Jones
Cardiff University, UK

Gerard McBurney
London, UK

François-Bernard Mâche
Paris, France

Olivia Mattis
Huntingdon, New York, USA

David Metzger
University of British Columbia, Canada

Tim Rutherford-Johnson
London, UK

Howard Skempton
Leamington Spa, UK

Mission Statement

As a 'Quarterly Review of New Music', TEMPO exists to document the international new music scene while contributing to, and stimulating, current debates therein. Its emphasis is on musical developments in our own century, as well as on music that came to prominence in the later twentieth century that has not yet received the attention it deserves.

Subscriptions

TEMPO (ISSN 0040-2982) is published four times a year in January, April, July and October. Four parts form a volume. The subscription price for volume 73 (Nos. 287-290), which includes delivery by air where appropriate (but excluding VAT) is £162 (US \$270 in USA, Canada and Mexico) for institutions (print and electronic); £132 (US \$223) for institutions (electronic only); £33 (US \$55) for individuals ordering direct from the publishers and certifying that the journal is for their personal use (print only). EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered members should provide their VAT registration number. Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd, P.O. Box 55, Chitose, Tokyo 156, Japan.

Orders, which must be accompanied by payment, may be sent to a bookseller, subscription agent or direct to the publisher: Cambridge University Press, Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS; or in the USA, Canada and Mexico: Cambridge University Press, Journals Fulfillment Department, One Liberty Plaza, New York, NY 10006, USA. Periodicals postage paid at New York, NY and at additional mailing offices.

Copying

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with the C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of U.S. Copyright law) subject to payment to the C.C.C. of the per copy fee of \$12. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0040-2982/2018 \$12. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of separate articles for private use only. Organizations authorized by the Copyright Licensing Agency may also copy, material subject to the usual conditions. For all other use, permission should be sought from Cambridge or from the American Branch of Cambridge University Press.

This journal is included in the Cambridge Journals Online service which can be found at journals.cambridge.org.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Printed in the UK by Bell & Bain.

cover design: Studio Isabelle Vigier

© Cambridge University Press 2019

TEMPO

A QUARTERLY REVIEW OF NEW MUSIC

EDITOR *Christopher Fox* / REVIEWS EDITOR *Heather Roche*

VOLUME 74 NO. 291 JANUARY 2020

3 EDITORIAL: THE ART OF THE STRING MULTIPHONIC
Christopher Fox and Ellen Fallowfield

ARTICLES

7 MULTIPHONICS ON VIBRATING STRINGS
Caspar Johannes Walter

25 OF NEON LIGHT: MULTIPHONIC AGGREGATES ON THE
ELECTRIC GUITAR
Thomas Ciszak and Seth F. Josel

51 CELLO MULTIPHONICS: TECHNICAL AND MUSICAL
PARAMETERS
Ellen Fallowfield

71 MULTIPHONICS ON THE HARP: INITIAL OBSERVATIONS
Gunnhildur Einarsdóttir

77 THE MICROTUNAL PIANO AND THE TUNED-IN INTERPRETER
Sanae Yoshida

86 FAREY SEQUENCES MAP PLAYABLE NODES ON A STRING
Thomas Nicholson and Marc Sabat

FIRST PERFORMANCES

99 KARLHEINZ STOCKHAUSEN, *AUS LICHT* *Max Erwin*

101 *POST-PARADISE*, *Lawrence Dunn*

103 *EL-TURK AND KNIGHT*, *SILK MOTH* *George K. Haggett*

CDs AND DVDs

106 ANDREW HAMILTON: *MUSIC FOR PEOPLE* *Neil T. Smith*

107 *CAT LAMB: POINTWAVE* *Ian Power*

108 JOHN CROFT: *SEIRĒNES* *Alex Huddleston*

110 JAMES WEEKS: *WINDFELL* *Seán Clancy*

- 111 ØYVIND TORVUND: *THE EXOTICA ALBUM* Sam Walton
113 FEDERICO POZZER: *BREATH II; NOISES; MEETINGS AND*
BERTRAND DENZLER: *ARC* Richard Barrett
114 MUSIKFABRIK, STURM: SAARIAHO, SCHLEIERMACHER,
WERTMÜLLER *Christian Carey*

BOOKS

- 116 *MUSIC OF POSSIBILITY BY RICHARD BARRETT* *Christian Carey*
117 *HOWARD SKEMPTON: CONVERSATIONS AND REFLECTIONS*
ON MUSIC BY ESTHER CAVETT AND MATTHEW HEAD
Caroline Potter
- 120 ARTWORK: MAAAYAN TSADKA
121 PROFILE: ELLEN FALLOWFIELD
124 CONTRIBUTORS