

## CONTENTS OF VOLUME 89

ABEL, ALEXANDER VAN. Counting in uncountably categorical pseudofinite structures.....	1455
ADAM-DAY, SAM, BEZHANISHVILI, NICK, GABELAIA, DAVID, and MARRA, VINCENZO. Polyhedral completeness of intermediate logics: the nerve criterion.....	342
ADKISSON, WILLIAM. The strong and super tree properties at successors of singular cardinals.....	1251
AHRENS, BENEDIKT, EMMENEGGER, JACOPO, NORTH, PAIGE RANDALL AND RIJKE, EGBERT. B-systems and C-systems are equivalent.....	1513
AMBOS-SPIES, KLAUS, DOWNEY, ROD G., MONATH, MARTIN and NG, KENG MENG. Notes on Sacks' splitting theorem.....	1768
AMIR, DJAMEL EDDINE and HOYRUP, MATHIEU. Comparing computability in two topologies.....	1232
ANDREWS, URI and MAURO, LUCA SAN. Investigating the computable Friedman–Stanley jump.....	918
APTER, ARTHUR W. Strong compactness, square, GCH., and Woodin cardinals.....	1180
BADIA, GUILLERMO, CAICEDO, XAVIER, and NOGUERA, CARLES. Maximality of logic without identity.....	147
BAGLINI, LORENZO LUPERI. see BENCI, VIERI	
BAHRAMI, SAEIDEH. Self-embeddings of models of arithmetic; fixed points, small submodels, and extendability.....	1044
BARTOŠOVÁ, DANA and SCOW, LYNN. A new perspective on semi-retractions and the Ramsey property.....	945
BENCI, VIERI and BAGLINI, LORENZO LUPERI. Euclidean numbers and numerosities.....	112
BENHAMOU, TOM and GITIK, MOTI. On Cohen and Prikry forcing notions.....	858
BEN-NERIA, OMER, HAYUT, YAIR, and UNGER, SPENCER. Stationary reflection and the failure of the SCH.....	1
BERARDUCCI, ALESSANDRO, ELEFThERIOU, PANTELIS E., and MAMINO, MARCELLO. Orthogonal decomposition of definable groups.....	1158
BEZHANISHVILI NICK see ADAM-DAY SAM	
BODOR, BERTALAN. Classification of $\omega$ -categorical monadically stable structures.....	460
BOISSONNEAU, BLAISE. Artin–Schreier extensions and combinatorial complexity in Henselian valued fields.....	1747
BRIAN, WILL. Partitioning the real line into Borel sets.....	549
CAICEDO, XAVIER. see BADIA, GUILLERMO	
CALEIRO, CARLOS and MARCELINO, SÉRGIO. Modular many-valued semantics for combined logics.....	583
CANCINO-MANRÍQUEZ, JONATHAN. $\mathcal{I}$ -Ultrafilters in the rational perfect set model.....	175
CERVELLE, JULIEN, GAUDELIER, WILLIAM, and PATEY, LUDOVIC. The reverse mathematics of CAC for trees.....	1189
CHEN, YIJIA and FLUM, JÖRG. Forbidden induced subgraphs and the Łoś–Tarski theorem.....	516
CODY, SEAN. Note on $TD + DC_{\mathbb{R}}$ implying $AD^{L(\mathbb{R})}$ .....	211
CSIMA, BARBARA F., DOWNEY, ROD, and NG, KENG MENG. On the C.E. degrees realizable in $\Pi_1^0$ classes.....	1370
DOBROWOLSKI, JAN and HOFFMANN, DANIEL MAX. On rank not only in $NSOP_1$ theories.....	1669

DOWNEY, ROD G. see AMBOS-SPIES, KLAUS	
DOWNEY, ROD. see CSIMA, BARBARA F.	
DUMAS, BOB A. Discontinuous homomorphisms of $C(X)$ with $2^{\aleph_0} > \aleph_2$ .....	665
ELEFThERIOU, PANTELIS E. see BERARDUCCI, ALESSANDRO	
EMMENEGGER, JACOPO. see AHRENS, BENEDIKT	
FERNÁNDEZ-DUQUE, D. see BEZHANISHVILI, G.	
FIORI-CARONES, MARTA, MARCONE, ALBERTO, SHAFER, PAUL., and SOLDÀ, GIOVANNI. (Extra)ordinary equivalences with the ascending/ descending sequence principle.....	262
FISCHER, ELДАР and MAKOWSKY, JOHANN A. Extensions and limits of the Specker–Blatter theorem.....	1284
FISCHER, VERA and SWITZER, COREY BACAL. Tight eventually different families.....	697
FLUM, JÖRG. see CHEN, YIJIA	
FORNASIERE, DAMIANO and MORASCHINI, TOMMASO. Intuitionistic Sahlqvist theory for deductive systems.....	1522
FOX, ALEC. Computable presentations of $C^*$ -algebras.....	1313
FRITZ, PETER. Axiomatizability of propositionally quantified modal logics on relational frames.....	758
FROLOV, ANDREY, and ZUBKOV, MAXIM. The simplest low linear order with no computable copies.....	97
FUJIMOTO, KENTARO and HALBACH, VOLKER. Classical determinate truth I.....	218
BEZHANISHVILI G. and FERNÁNDEZ-DUQUE D. The Baire closure and its logic.....	27
GABELAIA, DAVID. see ADAM-DAY, SAM	
GAUDELIER, WILLIAM. see CERVELLE, JULIEN	
GISMATULLIN, JAKUB. On model-theoretic connected groups.....	50
GITIK, MOTI. see BENHAMOU, TOM	
GOLDBERG, GABRIEL. The uniqueness of elementary embeddings.....	1430
GOLSHANI, MOHAMMAD and SHELAH, SAHARON. Usuba’s principle $UB_\lambda$ can fail at singular cardinals.....	195
GOLSHANI, MOHAMMAD and ZOGHIFARD, REIHANE. Completeness of the Gödel–Löb provability logic for the filter sequence of normal measures.....	163
GORMAN, ALEXI BLOCK and SCHULZ, CHRIS. Fractal dimensions of $k$ -automatic sets.....	1128
GOTO, TATSUYA. Keisler’s theorem and cardinal invariants.....	905
GUERRERO, PABLO ANDÚJAR. Definable $(\omega, 2)$ -theorem for families with VC-codensity less than 2.....	1659
GUZMÁN, OSVALDO. Katětov order on MAD families.....	794
HALBACH, VOLKER. see FUJIMOTO, KENTARO	
HAMKINS, JOEL DAVID and YAO, BOKAI. Reflection in second-order set theory with abundant urelements bi-interprets a supercompact cardinal.....	1007
HARRISON-TRAINOR, MATTHEW and KRETSCHMER, MILES. Infinitary logic has no expressive efficiency over finitary logic.....	1817
HAYUT, YAIR. see Ben-Neria, Omer	
HIRVONEN, ÅSA and HYTTINEN, TAPANI. On ultraproducts, the spectral theorem and rigged Hilbert spaces.....	1397

HOFFELNER, STEFAN, LARSON, PAUL, SCHINDLER, RALF and WU, LIUZHEN. Forcing axioms and the definability of the nonstationary ideal on the first uncountable.....	1641
HOFFMANN, DANIEL MAX. see DOBROWOLSKI, JAN	
HOLLAND, JAMES. Weak indestructibility and reflection.....	980
HOYRUP, MATHIEU. see AMIR, DJA MEL EDDINE	
HYTTINEN, TAPANI. see HIRVONEN, ÅSA	
KALIMULLIN, ISKANDER SH., LEMPP, STEFFEN, NG, KENG, and YAMALEEV, MARS M. On cupping and Ahmad pairs.....	1358
KAMSMÄ, MARK. NSOP <sub>1</sub> -like independence in AECats.....	724
KELLNER, JAKOB, SHELAH, SAHARON and TANASIE, ANDA RAMONA. On automorphisms of $\mathcal{P}(\lambda) [\lambda]^{<\lambda}$ .....	1476
KHANAKI, KARIM. Remarks on convergence of Morley sequences.....	1339
KRETSCHMER, MILES. see HARRISON-TRAINOR, MATTHEW	
LAMBIE-HANSON, CHRIS and ZUCKER, ANDY. Polish space partition principles and the Halpern–Läuchli theorem.....	1798
LARSON, PAUL. see HOFFELNER, STEFAN	
LEÓN SÁNCHEZ, OMAR, MERETZKY, DAVID, and PILLAY, ANAND. More on Galois cohomology, definability, and differential algebraic groups.....	496
LEMPP, STEFFEN. see KALIMULLIN, ISKANDER SH.	
LEUNG, SAMSON. Stability results assuming tameness, monster model, and continuity of nonsplitting.....	383
MAKOWSKY, JOHANN A. see FISCHER, ELGAR	
MALICKI, MACIEJ. Isomorphism of locally compact polish metric structures.....	646
MALLIARIS, MARYANTHE and SHELAH, SAHARON. The turing degrees and Keisler’s order.....	331
MAMINO, MARCELLO. see BERARDUCCI, ALESSANDRO	
MARCONI, ALBERTO. see FIORI-CARONES, MARTA	
MARCELINO, SÉRGIO. see CALEIRO, CARLOS	
MARRA, VINCENZO. see ADAM-DAY, SAM	
MAURO, LUCA SAN. see ANDREWS, URI	
MAXIM, ZUBKOV. see FROLOV, ANDREY	
MERETZKY, DAVID. see SÁNCHEZ, OMAR LEÓN	
MONATH, MARTIN. see AMBOS-SPIES, KLAUS	
MONIN, BENOIT and PATEY, LUDOVIC. Partition genericity and pigeonhole basis theorems.....	829
MONTALBÁN, ANTONIO and ROSSEGGER, DINO. The structural complexity of models of arithmetic.....	1703
MORASCHINI, TOMMASO. see FORNASIERE, DAMIANO	
MORENO, MIGUEL. On unsuperstable theories in GDST.....	1720
NG, KENG MENG. see AMBOS-SPIES, KLAUS	
NG, KENG MENG. see CSIMA, BARBARA F.	
NG, KENG. see KALIMULLIN, ISKANDER SH.	
NOGUERA, CARLES. see BADIA, GUILLERMO	
NORMANN, DAG and SANDERS, SAM. On robust theorems due to Bolzano, Weierstrass, Jordan, and Cantor.....	1077
NORTH, PAIGE RANDALL. see AHRENS, BENEDIKT	
NUNTASRI, JUKKRID and VEJAJIVA, PIMPEN. The permutations with $n$ non-fixed points and the sequences with length $n$ of a set.....	1067
PASSMANN, ROBERT. The first-order logic of CZF is intuitionistic first-order logic.....	308

PATEY, LUDOVIC. see CERVELLE, JULIEN	
PATEY, LUDOVIC. see MONIN, BENOIT	
PENG, YINHE and SHEN, GUOZHEN. A generalized Cantor theorem in ZF.....	204
PILLAY, ANAND. see SÁNCHEZ, OMAR LEÓN	
RIJKE, EGBERT. see AHRENS, BENEDIKT	
ROSSEGGER, DINO. see MONTALBÁN, ANTONIO	
ROUVELAS, PANAGIOTIS. Cantorian models of predicative NF.....	637
SANDERS, SAM. Big in reverse mathematics: the uncountability of the reals.....	1607
SANDERS, SAM. see NORMANN, DAG	
SCHINDLER, RALF. see HOFFELNER, STEFAN	
SCHULZ, CHRIS. see GORMAN, ALEXI BLOCK	
SCHLUTZENBERG, FARMER. The definability of the extender sequence $\mathbb{E}$ from $\mathbb{E} \dot{\Delta}_1$ in $L[\mathbb{E}]$ .....	427
SCOW, LYNN. see BARTOŠOVÁ, DANA	
SHAFFER, PAUL. see FIORI-CARONES, MARTA	
SHALEV, ROY. Cofinal Types Below $\aleph_\omega$ .....	1581
SHELAH, SAHARON. see GOLSHANI, MOHAMMAD	
SHELAH, SAHARON. see KELLNER, JAKOB	
SHELAH, SAHARON. see MALLIARIS, MARYANTHE	
SHEN, GUOZHEN. see PENG, YINHE	
SOLDÀ, GIOVANNI. see FIORI-CARONES, MARTA	
SWITZER, COREY BACAL. see FISCHER, VERA	
TÂNASIE, ANDA RAMONA. see KELLNER, JAKOB	
UNGER, SPENCER. see BEN-NERIA, OMER	
VEJAJIVA, PIMPEN. see NUNTASRI, JUKKRID	
VLUGT, TRISTAN VAN DER. Separating many localisation cardinals on the generalised Baire space.....	1212
WALSH, JAMES. An incompleteness theorem via ordinal analysis.....	80
WEILACHER, FELIX. Computable vs Descriptive combinatorics of local problems on trees.....	1835
WU, LIUZHEN. see HOFFELNER, STEFAN	
YAMALEEV, MARS M. see KALIMULLIN, ISKANDER SH.	
YAO, BOKAI. see HAMKINS, JOEL DAVID	
YOU, ZHIXING and YUAN, JIACHEN. On the cofinality of the least $\lambda$ -strongly compact cardinal.....	569
YUAN, JIACHEN. see YOU, ZHIXING	
ZOGHIFARD, REIHANE. see GOLSHANI, MOHAMMAD	
ZUBKOV, MAXIM. see FROLOV, ANDREY	
ZUCKER, ANDY. see LAMBIE-HANSON	



## Statement of Ownership, Management, and Circulation (All Periodicals Publications Except Requester Publications)

1. Publication Title  Journal of Symbolic Logic	2. Publication Number  4 - 010	3. Filing Date  10/1/2024
4. Issue Frequency  quarterly March-June-September-December	5. Number of Issues Published Annually  4	6. Annual Subscription Price  \$621.50

7. Complete Mailing Address of Known Office of Publication (Not printer) (Street, city, county, state, and ZIP+4®) Association for Symbolic Logic Department of Mathematics University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA	Contact Person Richard A Shore  Telephone (Include area code) 607-255-4081
--	--

8. Complete Mailing Address of Headquarters or General Business Office of Publisher (Not printer)  
Association for Symbolic Logic  
Department of Mathematics  
University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA

9. Full Names and Complete Mailing Addresses of Publisher, Editor, and Managing Editor (Do not leave blank)

*Publisher (Name and complete mailing address)*  
Richard A Shore 14 Kenwood Avenue  
Newton MA 024569

*Editor (Name and complete mailing address)*  
Steve Awodey, Department of Philosophy and Mathematics, Carnegie Mellon University  
5000 Forbes Avenue, Pittsburgh, PA 15213

*Managing Editor (Name and complete mailing address)*  
Steve Awodey, Department of Philosophy and Mathematics, Carnegie Mellon University  
5000 Forbes Avenue, Pittsburgh, PA 15213

10. Owner (Do not leave blank. If the publication is owned by a corporation, give the name and address of the corporation immediately followed by the names and addresses of all stockholders owning or holding 1 percent or more of the total amount of stock. If not owned by a corporation, give the names and addresses of the individual owners. If owned by a partnership or other unincorporated firm, give its name and address as well as those of each individual owner. If the publication is published by a nonprofit organization, give its name and address.)

Full Name	Complete Mailing Address
Association for Symbolic Logic	Department of Mathematics University of Connecticut 341 Mansfield Road, U-1009 Storrs, CT 06269-1009, USA

11. Known Bondholders, Mortgagees, and Other Security Holders Owning or Holding 1 Percent or More of Total Amount of Bonds, Mortgages, or Other Securities. If none, check box  None

Full Name	Complete Mailing Address

12. Tax Status (For completion by nonprofit organizations authorized to mail at nonprofit rates) (Check one)  
The purpose, function, and nonprofit status of this organization and the exempt status for federal income tax purposes:  
 Has Not Changed During Preceding 12 Months  
 Has Changed During Preceding 12 Months (Publisher must submit explanation of change with this statement)

13. Publication Title		14. Issue Date for Circulation Data Below		
Journal of Symbolic Logic		JUNE 2024		
15. Extent and Nature of Circulation		Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filing Date	
a. Total Number of Copies ( <i>Net press run</i> )		528	510	
b. Paid Circulation ( <i>By Mail and Outside the Mail</i> )	(1)	Mailed Outside-County Paid Subscriptions Stated on PS Form 3541 (Include paid distribution above nominal rate, advertiser's proof copies, and exchange copies)	213	212
	(2)	Mailed In-County Paid Subscriptions Stated on PS Form 3541 (Include paid distribution above nominal rate, advertiser's proof copies, and exchange copies)	0	0
	(3)	Paid Distribution Outside the Mails Including Sales Through Dealers and Carriers, Street Vendors, Counter Sales, and Other Paid Distribution Outside USPS®	269	257
	(4)	Paid Distribution by Other Classes of Mail Through the USPS (e.g., First-Class Mail®)	0	0
c. Total Paid Distribution [Sum of 15b (1), (2), (3), and (4)]		482	469	
d. Free or Nominal Rate Distribution ( <i>By Mail and Outside the Mail</i> )	(1)	Free or Nominal Rate Outside-County Copies included on PS Form 3541	0	0
	(2)	Free or Nominal Rate In-County Copies Included on PS Form 3541	0	0
	(3)	Free or Nominal Rate Copies Mailed at Other Classes Through the USPS (e.g., First-Class Mail)	0	0
	(4)	Free or Nominal Rate Distribution Outside the Mail ( <i>Carriers or other means</i> )	0	0
e. Total Free or Nominal Rate Distribution (Sum of 15d (1), (2), (3) and (4))		0	0	
f. Total Distribution (Sum of 15c and 15e)		482	469	
g. Copies not Distributed (See Instructions to Publishers #4 (page #3))		46	41	
h. Total (Sum of 15f and g)		528	510	
i. Percent Paid (15c divided by 15f times 100)		100%	100%	

\* If you are claiming electronic copies, go to line 16 on page 3. If you are not claiming electronic copies, skip to line 17 on page 3.



**Statement of Ownership, Management, and Circulation  
(All Periodicals Publications Except Requester Publications)**

16. Electronic Copy Circulation	Average No. Copies Each Issue During Preceding 12 Months	No. Copies of Single Issue Published Nearest to Filing Date
a. Paid Electronic Copies <span style="float:right">▶</span>		
b. Total Paid Print Copies (Line 15c) + Paid Electronic Copies (Line 16a) <span style="float:right">▶</span>		
c. Total Print Distribution (Line 15f) + Paid Electronic Copies (Line 16a) <span style="float:right">▶</span>		
d. Percent Paid (Both Print & Electronic Copies) (16b divided by 16c × 100) <span style="float:right">▶</span>		

I certify that 50% of all my distributed copies (electronic and print) are paid above a nominal price.

17. Publication of Statement of Ownership

If the publication is a general publication, publication of this statement is required. Will be printed  Publication not required.  
 in the \_\_\_\_\_ December \_\_\_\_\_ issue of this publication.

18. Signature and Title of Editor, Publisher, Business Manager, or Owner

Date

*Richard A Shore*

10/1/2024

I certify that all information furnished on this form is true and complete. I understand that anyone who furnishes false or misleading information on this form or who omits material or information requested on the form may be subject to criminal sanctions (including fines and imprisonment) and/or civil sanctions (including civil penalties).

## Instructions to Publishers

---

1. Complete and file one copy of this form with your postmaster annually on or before October 1. Keep a copy of the completed form for your records.
2. In cases where the stockholder or security holder is a trustee in items 10 or 11, include the name of the person or corporation for whom the trustee is acting. Also include in item 10 the names and addresses of all stockholders owning or holding one (1) percent or more of the total amount of stock. If not owned by a corporation, give the name and address of each individual owner. If owned by a partnership or other unincorporated firm, give its name and address as well as the name and address of each individual owner. If the publication is published by a nonprofit organization, give its name and address and complete item 12. In item 11, include all bondholders, mortgagees, and other security holders owning or holding one (1) percent or more of the total amount of bonds, mortgages, or other securities. If none, check the box. Use blank sheets if more space is required.
3. Be sure to furnish all circulation information called for in item 15. Free Non-Requested circulation must be shown in item 15d.
4. Item 15g, Copies not Distributed, must include (1) newsstand copies returned to the publisher, (2) estimated returns from news agents, and (3), copies for office use, leftovers, spoiled, and all other copies not distributed.
5. If the publication had Periodicals authorization as a general publication, this Statement of Ownership, Management, and Circulation must be published, i.e., it must be printed in an issue that's primary mailed distribution is produced not later than October 10 for publications issued more frequently than weekly; or not later than October 31 for publications issued weekly or less frequently but more frequently than monthly; or in the first issue that's primary mailed distribution is produced after October 1 for all other publications.
6. In item 16, check the box if electronic copies are being included in your total distribution and complete line items 16a through d.
7. In item 17, report the date of the issue in which this Statement of Ownership will be published, if applicable.
8. Item 17 must be signed.

***Failure to file or publish a statement of ownership may lead to suspension of periodicals authorization.***



THE JOURNAL OF SYMBOLIC LOGIC (ISSN print: 0022-4812, ISSN online: 1943-5886) is published quarterly, in the months of March, June, September, and December, by the Association for Symbolic Logic, Inc., Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA. Periodicals postage is paid at Storrs CT and at additional mailing offices. The JOURNAL is distributed with THE BULLETIN OF SYMBOLIC LOGIC. The 2024 annual subscription price for the two journals in electronic form is US\$939 or £589; in print form is US\$1243 or £779; and the print/electronic bundle prices are \$1333 or £1032. **Postmaster:** Send address changes to **Journals Customer Services Department, Cambridge University Press & Assessment, One Liberty Plaza, New York, NY 10006, USA.** Business correspondence should be sent to the Secretary-Treasurers of the Association, Russell Miller and David Solomon (address below).

Subscription orders for the JOURNAL and BULLETIN, or REVIEW should be sent to [subscriptions\\_newyork@cambridge.org](mailto:subscriptions_newyork@cambridge.org). All orders must be accompanied by payment by check, credit card (Visa, MasterCard, JCB or American Express only), or debit card. To receive a replacement copy of the JOURNAL, please report damaged, defective or missing issues within nine months of the date of publication.

All back volumes of the JOURNAL are available: volumes 1 through 74 are via JSTOR; volumes 1 through 87 via Cambridge University Press & Assessment, <http://journals.cambridge.org/jsl> – access to the latter is free to members. Volume 26 is an index for Volumes 1–26, and Number 4 of Volume 45 is an index for Volumes 27–45. Number 4 of Volume 55 is a cumulative index for Volumes 27–55 (it includes the index published in Volume 45, Number 4, except for listings of reviews by subject, which has been discontinued). A revised edition of **A Bibliography of Symbolic Logic**, by Alonzo Church, may be purchased separately. Members of the Association may purchase back volumes for their personal use at a 50% discount. The discount also applies to institutional members. Orders should be sent to **Cambridge University Press & Assessment**, address above. Reviews of articles and books in logic which in the past were published in the JOURNAL have been moved to the BULLETIN, beginning with the March 2000 issue.

*Individual* membership in the Association is open to anyone interested in its work. Annual dues for members are US\$108, £82 sterling or €96 (\$54, £43 sterling or €50 for student, emeritus and unemployed members; see <http://asonline.org/membership/individual-membership/> for more information, including conditions and privileges). Dues include subscriptions to the current volumes of the JOURNAL, the BULLETIN, and the REVIEW.

*Institutional* membership in the Association is available to any academic institution or department. Annual institutional membership dues for 2024 are US\$1200 (full) or \$790 (basic); privileges include choices of current subscriptions, back volumes, and student memberships.

Requests for information, applications for *new* membership, renewals of institutional membership, business correspondence, and notices or announcements for publication in the BULLETIN should be sent to **ASL, Department of Mathematics, University of Connecticut, 341 Mansfield Road, U-1009, Storrs, CT 06269-1009, USA.** The electronic mail address of the Association's business office is [asl@uconn.edu](mailto:asl@uconn.edu). Requests for back issues should be sent to Cambridge University Press & Assessment, address above.

POSTMASTER: Individual membership *renewals*, notices of change of address, and dues payments, should be sent to **Association for Symbolic Logic, c/o Journals Customer Services Department, Cambridge University Press & Assessment, One Liberty Plaza, New York, NY 10006, USA**, [USmemberservices@cambridge.org](mailto:USmemberservices@cambridge.org).

The paper used in the JOURNAL is acid-free and falls within the guidelines established to ensure permanence and stability.

The JOURNAL has been registered with the Copyright Clearance Center, Inc. The appearance of a code at the bottom of the first page of an article indicates the copyright owner's consent for copying beyond that permitted by Sections 107 or 108 of the US Copyright Law, provided that the per-copy fee stated in the code is paid directly to **Copyright Clearance Center Inc., 222 Rosewood Drive, Danvers, MA 01923, USA.** This consent does not extend to copying for general distribution, for advertising or promotion purposes, for creating new collective works, or for resale. Specific written permission for such copying must be obtained from the Association.

Printed by Sheridan, a CJK Group Company.

**Cambridge Core**

For further information about this journal  
please go to the journal web site at:

**[cambridge.org/jsl](https://doi.org/10.1017/jsl)**



**CAMBRIDGE**  
**UNIVERSITY PRESS**