

## INSTRUCTIONS FOR AUTHORS

Contributions of about 10,000 words, and no more than 20,000 words, should be submitted by email to the editorial office with a message that includes your name, telephone number, email address, and an ORCID iD (optional). We also need a note “about the author” that gives a good understanding of who you are and your special area of research. Submissions should be sent as an attachment in the format .doc or .docx to sic@tauex.ac.il. The editors require that the article be introduced by a paragraph of about 150 words that presents its argument, followed by a list of Keywords.

The journal follows the author-date reference system that is generally used in the social and natural sciences. ‘Documentation 2 Author-Date Citations and Reference Lists’ of the *Chicago Manual of Style* and a back issue of the journal should be used as guides. More detailed instructions for contributors and specific guidelines (e. g. for transliteration from Russian or Hebrew) are available from <http://journals.cambridge.org/action/displayJournal?jid=SIC>. Unusual alphabets, special characters, mathematical and chemical formulas, and all diacritical marks should be clearly indicated. Articles may be illustrated by a small number of figures in black and white, formatted in TIFF, with a minimum resolution of 300 dpi for halftones and 600 dpi for line drawings. For further information, contact the editorial office.

## SUBSCRIPTIONS

*Science in Context* (ISSN 0269-8897) is published four times a year in March, June, September, and December. Four issues form a volume. The subscription price which includes electronic access and delivery by air where appropriate (but excluding VAT) of a volume 34 is £324 (US \$580 in USA, Canada, and Mexico) for institutions; £80 (US \$129) for individuals who order directly from the publisher and certify that the journal is for their personal use. The electronic only price available to institutional subscribers is £284 (US \$494 in USA, Canada, and Mexico). Single issues are £94 (US \$167) in USA, Canada, and Mexico) plus postage. 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, PO Box 55, Chitose, Tokyo 156, Japan. Orders accompanied by payment may be sent to a bookseller, subscription agent, or directly to the publisher: Cambridge University Press, University Printing House, Shaftesbury Road, Cambridge CB28BS, UK; or in the USA, Canada, and Mexico: Cambridge University Press, Journals Fulfillment Department, 1 Liberty Plaza, Floor 20, New York, NY 10006, USA.

## 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 CCC may, therefore copy material (beyond the limits permitted by sections 107 and 108 of US Copyright law) subject to payment to the CCC of the per copy fee of \$12.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0269-8897/2020 \$12.00. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of a separate article 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 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](http://www.fsc.org) for information.

Internet access: <https://www.cambridge.org/core/journals/science-in-context>

Printed in Great Britain by Bell & Bain Ltd, Glasgow

# SCIENCE IN CONTEXT

VOLUME 34 | NUMBER 1 | MARCH 2021



<i>Jeff Kochan:</i> Animism and natural teleology from Avicenna to Boyle	1
<i>Steffen Ducheyne:</i> Using one's talents in honor of God: Lambert ten Kate (1674-1731) and Isaac Newton's natural philosophy	25
<i>Kati Kish Bar-On:</i> Towards a new philosophical perspective on Hermann Weyl's turn to intuitionism	51
<i>Veronika Lipphardt, Gudrun A. Rappold and Mihai Surdu:</i> Representing vulnerable populations in genetic studies: The case of the Roma	69
<i>W. John Koolage, Lauren M. Williams and Morgen L. Barroso:</i> An infrastructural account of scientific objectivity for legal contexts and bloodstain pattern analysis	101
****	
<b>Historical Document</b>	
<i>Sean Winkler:</i> Individuals and collectives in the philosophy of Boris Hessen: An introduction	121
<i>Boris M. Hessen:</i> Marian Smoluchowski (On the tenth anniversary of his death)	137
<i>Boris M. Hessen and Vasilij P. Egorshin:</i> On Comrade Timiryazev's attitude towards contemporary science	143
<i>Boris M. Hessen:</i> Mechanical materialism and modern physics	155
****	
<b>Erratum</b>	
<i>Emily Hauptmann:</i> Why they shared: recovering early arguments for sharing social scientific data	187

Cover illustration: Kazimir Malevich, Untitled, ca. 1915.

Cambridge Core

For further information about this journal  
please go to the journal website at:  
[cambridge.org/sic](https://www.cambridge.org/sic)



MIX  
Paper from  
responsible sources  
FSC® C007785



CAMBRIDGE  
UNIVERSITY PRESS