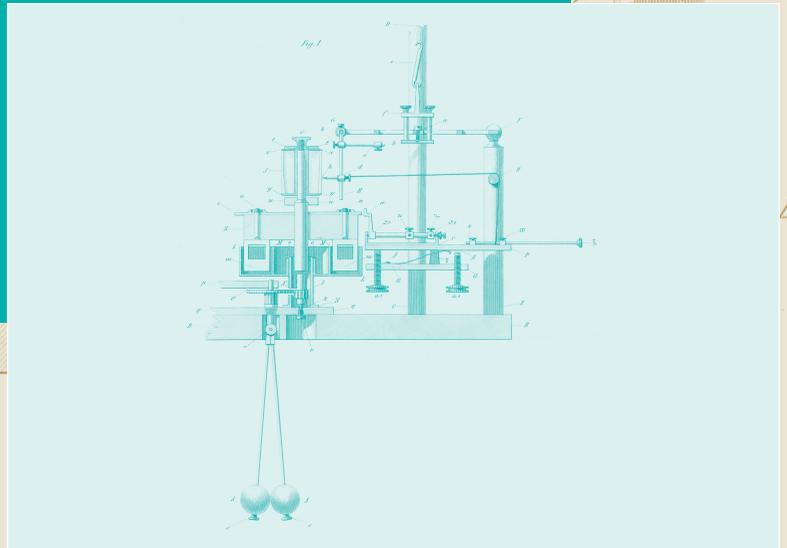
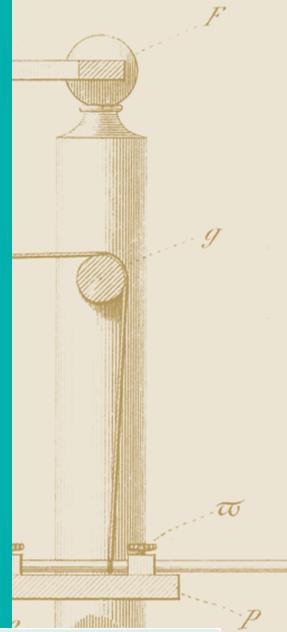


VOLUME 28 | NUMBER 3 | SEPTEMBER 2015

ISSN 0269-8897

SCIENCE IN CONTEXT



CAMBRIDGE
UNIVERSITY PRESS

EDITORS

Moritz Epple, Historisches Seminar, Johann Wolfgang Goethe-Universität, Frankfurt am Main

Orna Harari, Department of Classics and Department of Philosophy, Tel Aviv University

Jürgen Renn, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin

ASSISTANT EDITOR

Michael Elazar, The Cohn Institute for the History and Philosophy of Science and Ideas,

Tel Aviv University

EDITORIAL BOARD

Mohammed Abattouy, Fez University, Morocco

Jed Z Buchwald, California Institute of Technology

Robert S Cohen, Boston University

Leo Corry, Tel Aviv University

Lorraine Daston, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin

Sven Dupré, Max-Planck-Institut für Wissenschaftsgeschichte, Berlin

Rivka Feldhay, Tel Aviv University

Gideon Freudenthal, Tel Aviv University

Peter L Galison, Harvard University

Paolo Galluzzi, University of Florence, Italy

Asaf Goldschmidt, Tel Aviv University

Alexandre Métraux, Archives Henri Poincaré, Université de Lorraine, Nancy

Irina Podgorny, Universidad de La Plata, Argentina

Roger Smith, Academy of Sciences, Moscow

Baichun Zhang, Chinese Academy of Sciences, Beijing

Managing Editor

Miriam Greenfield, The Cohn Institute for the History and Philosophy of Science and Ideas,

Tel Aviv University

Science in Context is an international journal edited at the Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University, Tel Aviv, Israel. It is devoted to the study of the sciences in their historical and epistemological contexts. The journal invites contributions that show an awareness of the complex relationship between scientific, social, and cultural developments. Contributions are aimed at a wide readership and thus should combine scholarly analysis with a clear presentation of issues that have broad relevance for the history and epistemology of the sciences. Analyses based on the methods and means applied in related fields are also welcome.

Science in Context has been published since 1987 by Cambridge University Press. Yehuda Elkana, Robert S Cohen, Gideon Freudenthal, and Simon Schaffer were its founding editors, with Gideon Freudenthal acting as the first executive editor. The journal acknowledges the support of Bertram J and Barbara Cohn of the Cohn Institute for the History and Philosophy of Science and Ideas, and the support of the Van Leer Jerusalem Institute.

© Cambridge University Press 2015

SCIENCE IN CONTEXT

VOLUME 28 NUMBER 3 SEPTEMBER 2015

Topical Section: Surfaces in the History of Modern Science: Inscribing, Separating, Enclosing

Guest Edited by Mathias Grote and Max Stadler

- Mathias Grote and Max Stadler:** Introduction: Surface Histories 311
- Chitra Ramalingam:** Dust Plate, Retina, Photograph: Imaging on Experimental Surfaces in Early Nineteenth-Century Physics 317
- Henning Schmidgen:** Leviathan and the Myograph: Hermann Helmholtz's "Second Note" on the Propagation Speed of Nervous Stimulations 357
- Kijan Espahangizi:** From *Topos* to *Oikos*: The Standardization of Glass Containers as Epistemic Boundaries in Modern Laboratory Research (1850–1900) 397
- Alexander von Schwerin:** Shaping Vulnerable Bodies at the Thin Boundary between Environment and Organism: Skin, DNA Repair, and a Genealogy of DNA Care Strategies 427
-

Section of Miscellaneous Articles

- Marquis Berrey:** Reading Communities and Hippocratism in Hellenistic Medicine 465
- Maria Björkman:** The Emergence of Genetic Counseling in Sweden: Examples from Eugenics and Medical Genetics 489

Cover illustration: Drawing by Hermann v. Helmholtz of central components of his myograph, 1852.