

Cambridge University Press
978-1-107-07820-8 - Electricity and Magnetism for Mathematicians: A Guided Path from
Maxwell's Equations to Yang-Mills
Thomas A. Garrity
Copyright Information
More information

ELECTRICITY AND MAGNETISM FOR MATHEMATICIANS

A Guided Path from Maxwell's Equations to Yang-Mills

THOMAS A. GARRITY

Williams College, Williamstown, Massachusetts with illustrations by Nicholas Neumann-Chun





Cambridge University Press
978-1-107-07820-8 - Electricity and Magnetism for Mathematicians: A Guided Path from
Maxwell's Equations to Yang-Mills
Thomas A. Garrity
Copyright Information
More information

CAMBRIDGE UNIVERSITY PRESS

32 Avenue of the Americas, New York, NY 10013-2473, USA

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org
Information on this title: www.cambridge.org/9781107435162

© Thomas A. Garrity 2015

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2015

Printed in the United States of America

A catalog record for this publication is available from the British Library.

Library of Congress Cataloging in Publication Data Garrity, Thomas A., 1959– author.

Electricity and magnetism for mathematicians: a guided path from Maxwell's equations to Yang-Mills / Thomas A. Garrity, Williams College, Williamstown, Massachusetts; with illustrations by Nicholas Neumann-Chun.

pages cm

Includes bibliographical references and index.

 $ISBN\ 978\text{-}1\text{-}107\text{-}07820\text{-}8\ (hardback) - ISBN\ 978\text{-}1\text{-}107\text{-}43516\text{-}2\ (paperback)}$

1. Electromagnetic theory–Mathematics–Textbooks. I. Title.

QC670.G376 2015

537.01′51–dc23 2014035298

ISBN 978-1-107-07820-8 Hardback ISBN 978-1-107-43516-2 Paperback

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party Internet Web sites referred to in this publication and does not guarantee that any content on such Web sites is, or will remain, accurate or appropriate.