

CAMBRIDGE  
UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom  
One Liberty Plaza, 20th Floor, New York, NY 10006, USA  
477 Williamstown Road, Port Melbourne, VIC 3207, Australia  
4843/24, 2nd Floor, Ansari Road, Daryaganj, Delhi – 110002, India  
79 Anson Road, #06-04/06, Singapore 079906

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](http://www.cambridge.org)

Information on this title: [www.cambridge.org/9780521850094](http://www.cambridge.org/9780521850094)

© Keke Zhang and Xinhao Liao 2017

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 2017

Printed in the United States of America by Sheridan Books, Inc.

*A catalogue record for this publication is available from the British Library*

*Library of Congress Cataloguing in Publication data*

Names: Zhang, Keke. | Liao, Xinhao.

Title: Theory and modeling of rotating fluids : convection, inertial waves, and precession / Keke Zhang, University of Exeter, Xinhao Liao, Chinese Academy of Sciences.

Description: Cambridge : Cambridge University Press, 2017. |

Series: Cambridge monographs on mechanics series |

Includes bibliographical references and index.

Identifiers: LCCN 2017004135 | ISBN 9780521850094 (hardback : alk. paper)

Subjects: LCSH: Rotating masses of fluid. | Fluid mechanics. | Fluid dynamics.

Classification: LCC QA913.Z43 2017 | DDC 532/.0595–dc23

LC record available at <https://lcn.loc.gov/2017004135>

ISBN 978-0-521-85009-4 Hardback

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