

Cambridge University Press & Assessment

978-0-521-11662-6 — Mathematical Foundations and Biomechanics of the Digestive System

Roustem N. Miftahof, Hong Gil Nam

Copyright information

[More Information](#)

## 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

314-321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi - 110025, India

103 Penang Road, #05-06/07, Visioncrest Commercial, Singapore 238467

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/9780521116626](http://www.cambridge.org/9780521116626)

© R. Miftahof and H. Nam 2010

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 2010

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

*Library of Congress Cataloging in Publication data*

Miftahof, Roustem.

Mathematical foundations and biomechanics of the digestive system / Roustem Miftahof, Hong Gil Nam.

p. ; cm.

Includes bibliographical references and index.

ISBN 978-0-521-11662-6 (hardback)

1. Gastrointestinal system – Mathematical models. 2. Biomechanics. 3. Elastic plates and shells.

I. Nam, Hong Gil. II. Title.

[DNLM: 1. Gastrointestinal Tract – physiology. 2. Computer Simulation. 3. Gastrointestinal Motility – physiology. 4. Models, Biological. WI 102 M633ma 2010]

QP156.M58 v2010

612.3'2–dc22

2010004178

ISBN 978-0-521-11662-6 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.

.....

Every effort has been made in preparing this book to provide accurate and up-to-date information which is in accord with accepted standards and practice at the time of publication. Although case histories are drawn from actual cases, every effort has been made to disguise the identities of the individuals involved. Nevertheless, the authors, editors and publishers can make no warranties that the information contained herein is totally free from error, not least because clinical standards are constantly changing through research and regulation. The authors, editors and publishers therefore disclaim all liability for direct or consequential damages resulting from the use of material contained in this book. Readers are strongly advised to pay careful attention to information provided by the manufacturer of any drugs or equipment that they plan to use.