

Cambridge University Press

978-0-521-68507-8 - Geometric Partial Differential Equations and Image Analysis

Guillermo Sapiro

Copyright Information

[More information](#)

**GEOMETRIC PARTIAL
DIFFERENTIAL
EQUATIONS AND IMAGE
ANALYSIS**

GUILLERMO SAPIRO

University of Minnesota



**CAMBRIDGE
UNIVERSITY PRESS**

Cambridge University Press

978-0-521-68507-8 - Geometric Partial Differential Equations and Image Analysis

Guillermo Sapiro

Copyright Information

[More information](#)

CAMBRIDGE UNIVERSITY PRESS

Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo, Delhi

Cambridge University Press

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

www.cambridge.orgInformation on this title: www.cambridge.org/9780521685078

© Cambridge University Press 2001

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 2001

Reprinted 2002

First paperback edition 2006

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

Library of Congress Cataloging in Publication data

Sapiro, Guillermo, 1966 –

Geometric partial differential equations and image analysis / Guillermo Sapiro.

p. cm

ISBN 0-521-79075-1

1. Image analysis. 2. Differential equations, Partial. 3. Geometry, Differential. I. Title.

TA1637 .S26 2000

621.36'7 - dc21

00-040354

ISBN 978-0-521-79075-8 hardback

ISBN 978-0-521-68507-8 paperback

Transferred to digital printing 2009

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. Information regarding prices, travel timetables and other factual information given in this work are correct at the time of first printing but Cambridge University Press does not guarantee the accuracy of such information thereafter.

Cover Figure: The original data for the image appearing on the cover was obtained from <http://www-graphics.stanford.edu/software/volpack/> and then processed using the algorithms in this book.