

Academic Press is an imprint of Elsevier

32 Jamestown Road, London NW1 7BY, UK
525 B Street, Suite 1800, San Diego, CA 92101-4495, USA
225 Wyman Street, Waltham, MA 02451, USA
The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK

Fifth Edition 2014

Copyright © 2014, 2009, 2004, 1999 Elsevier Inc. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or any information storage and retrieval system, without permission in writing from the publisher. Details on how to seek permission, further information about the Publisher's permissions policies and our arrangements with organizations such as the Copyright Clearance Center and the Copyright Licensing Agency, can be found at our website: www.elsevier.com/permissions.

This book and the individual contributions contained in it are protected under copyright by the Publisher (other than as may be noted herein).

Notices

Knowledge and best practice in this field are constantly changing. As new research and experience broaden our understanding, changes in research methods or professional practices, may become necessary.

Practitioners and researchers must always rely on their own experience and knowledge in evaluating and using any information or methods described here in. In using such information or methods they should be mindful of their own safety and the safety of others, including parties for whom they have a professional responsibility.

To the fullest extent of the law, neither the Publisher nor the authors, contributors, or editors, assume any liability for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions, or ideas contained in the material herein.

ISBN: 978-0-12-394811-3

Library of Congress Cataloging-in-Publication Data

Ross, Sheldon M.

Introduction to probability and statistics for engineers and scientists / Sheldon M. Ross, Department of Industrial Engineering and Operations Research, University of California, Berkeley. Fifth edition.

pages cm.

Includes index.

ISBN 978-0-12-394811-3

1. Probabilities. 2. Mathematical statistics. I. Title.

TA340.R67 2014

519.5—dc23

2014011941

British Library Cataloguing in Publication Data

A catalogue record for this book is available from the British Library

For information on all Academic Press publications
visit our web site at store.elsevier.com

Printed and bound in the United States of America

		Working together to grow libraries in developing countries
www.elsevier.com • www.bookaid.org		