

Particle Deposition and Aggregation

Measurement, Modelling and Simulation

M. Elimelech

J. Gregory

X. Jia

R. A. Williams

Copyright © 1995 by Butterworth-Heinemann

 A member of the Reed Elsevier Group

All rights reserved.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher.



Recognizing the importance of preserving what has been written, Butterworth-Heinemann prints its books on acid-free paper whenever possible.



Butterworth-Heinemann supports the efforts of American Forests and the Global ReLeaf program in its campaign for the betterment of trees, forests, and our environment.

ISBN 0-7506-7024-X

Hardcover edition first published 1995.

Paperback edition first published 1998.

The publisher offers special discounts on bulk orders of this book.
For information, please contact:

Manager of Special Sales
Butterworth-Heinemann
225 Wildwood Avenue
Woburn, MA 01801-2041
Tel: (781) 904-2500
Fax: (781) 904-2620

For information on all Butterworth-Heinemann publications available, contact our World Wide Web home page at: <http://www.bh.com>

10 9 8 7 6 5 4 3 2 1

Printed in the United States of America

Series Editor

Professor R. A. Williams
University of Exeter, UK

Series Advisors

Professor J. Gregory
University College, London, UK

Dr. K. Nishinari
National Food Research Laboratory, Japan

Professor D. C. Prieve
Carnegie-Mellon University, USA

Professor T. Ring
University of Utah, USA

Professor H. N. Stein
Technical University of Eindhoven, The Netherlands

Dr. D. J. Wedlock
Shell Research Ltd, UK

Series Titles

Colloid and Surface Engineering: Applications in the process industries
Controlled Particle, Droplet and Bubble Formation