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Book Reviews

Drops and Bubbles in Contact with Solid Surfaces. *Edited by Michele Ferrari, Luberi Liggieri and Reinhard Miller. CRC Press; 2013. 340 p. US $24.95 (Hardcover). ISBN: 978-1466575455.*

Drops and Bubbles in Contact with Solid Surfaces is intended to give an overview of the science of wetting. It addresses a variety of current research topics, ranging from electrowetting to nanobubbles and complex fluids. Most of the covered topics are highly relevant to many fields, either because they are active research areas (e.g., nanobubbles, wetting of soft surfaces) or because they address useful techniques and materials that are widely used (e.g., superhydrophobicity and complex fluids).

The book is structured as a series of review articles, with each chapter written by a different group of authors on separate topics. While probably not an undergraduate text, this is a good reference book for an interested researcher with some knowledge about the field. For a complete newcomer to the field of wetting, a suggested prerequisite might be an undergraduate course or a book such as the excellent *Capillarity and Wetting Phenomena* by de Gennes, Brochard-Wyart and Quere. However, this is not strictly necessary.

For the most part, the book is appropriate to a wide audience. In general, the authors have succeeded in condensing their complex fields into short, readable chapters and providing extensive literature reviews for the interested reader to explore. Chapters typically are structured as an overview of the relevant theory followed by a short review of up-to-date experimental work, making them accessible to authors from a variety of backgrounds. However, one notable exception is the chapter on hydrodynamic interactions between particles at an interface — this is rather mathematical.

One negative point is that the writing in one or two chapters does not appear to have been reviewed by a native English speaker. At times, this made it hard to discern the author's meaning. This occurs most noticeably in the opening chapter, which is unfortunate, as it is the natural starting point for a browsing reader. Hopefully, this will not put off too many potential readers from delving deeper.

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Color Atlas of Genetics. *4th Edition. By Eberhard Passarge. New York: Thieme; 2013. 475 p. US $54.99 (Paperback). ISBN 978-3131003645.*

Color Atlas of Genetics is a handy, pocket-sized companion for any biology or medical student. It aims to provide a coherent overview of the field of genetics, complete with excellent illustrations and concise summaries. *Color Atlas of Genetics* begins with an introduction section that contains the history of genetics and DNA research accompanied by a detailed chronology of groundbreaking discoveries. While this background is interesting to review, the strong points of the book are in the pages that follow. In particular, the section that comes immediately after the introduction, "Fundamentals," is a great reference for any student. The subject matter ranges from broad overviews of cellular organelles, composition of proteins, and DNA structure to more specific topics such as parallel DNA sequencing and apoptosis. Each focus topic has a one-page summary (on the left) and a page of diagrams and pictures (on the