

Jaap A. Kaandorp
Janet E. Kübler

The Algorithmic Beauty of Seaweeds, Sponges, and Corals

With 139 Illustrations, 51 in Color



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Jaap A. Kaandorp
Section Computational Science
University of Amsterdam
Kruislaan 403
1098 SJ Amsterdam
The Netherlands
jaapk@science.uva.nl

Janet E. Kübler
Biology Department
California State University
Northridge, CA 91330-8303
USA
janet.kubler@csun.edu

Series Editor

Przemyslaw Prusinkiewicz
Department of Computer Science
The University of Calgary
2500 University Drive N.W.
Calgary, Alberta T2N 1N4
Canada
pwp@cpsc.ucalgary.ca

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This book is dedicated to our children
Iris, Lila, Sara, and Mikael.

We sincerely hope that in the future
they too can enjoy coral reefs
and all other marine organisms
in their full beauty.

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Amsterdam and Northridge, July 2001

Jaap A. Kaandorp

Janet E. Kübler

List of Contributing Authors

Edward Abraham

National Institute of Water and Atmospheric Research, Wellington,
New Zealand

Rolf P. M. Bak

Netherlands Institute of Sea Research, Den Burg (Texel), The Netherlands

Dave J. Barnes

Australian Institute of Marine Science, Townsville, Australia

Robert Carpenter

Biology Department, California State University, Northridge, Calif., USA

Bastien Chopard

Département d'Informatique, University of Geneva, Switzerland

Ligia Collado Vides

Lab. Ficología, Fac. Ciencias, Universidad Nacional Autónoma de México,
Mexico City, Mexico

Peter Dodds

Earth, Atmos. & Plan Department, Massachusetts Institute of Technology,
Cambridge, Mass., USA

Steven Dudgeon

Biology Department, California State University, Northridge, Calif., USA

Susanne Gatti

Alfred-Wegener-Institute for Polar and Marine Research, Bremerhaven,
Germany

Brian Helmuth

Department of Biological Sciences, University of South Carolina, Columbia,
S.C., USA

Mimi A. R. Koehl

Department of Integrative Biology, University of California, Berkeley, Calif.,
USA

Leo E. H. Lampmann

St Elisabeth Hospital, Tilburg, The Netherlands

Howard R. Lasker

Department of Biological Sciences, State University of New York, Buffalo,
N.Y., USA

Janice Lough

Australian Institute of Marine Science, Townsville, Australia

Werner E. G. Müller

Institut für Physiologische Chemie, Abt. Angewandte Molekularbiologie,
University of Mainz, Germany

Soyoka Muko

Department of Biology, Faculty of Science, Kyushu University, Fukuoka,
Japan

Przemyslaw Prusinkiewicz

Department of Computer Science, University of Calgary, Canada

Buki Rinkevich

Minerva Center for Marine Invertebrate Immunology and Developmental
Biology, Haifa, Israel

Juan A. Sanchez

Department of Biological Sciences, State University of New York, Buffalo,
N.Y., USA

Peter M. A. Sloom

Section Computational Science, Faculty of Science, University of
Amsterdam, The Netherlands

Ray B. Taylor

Australian Institute of Marine Science, Townsville, Australia

Mark J. A. Vermeij

Institute for Biodiversity and Ecosystem Dynamics, University of
Amsterdam, The Netherlands

List of Contributions

Section 2.1.1 by Mimi A. R. Koehl, Robert Carpenter, and Brian Helmuth

The example of the analogy from Pettigrew (1908) between electric discharge patterns and the growth of the red coral, Subsection of Section 2.2.3 on the sponge *Raspailia inaequalis*, Sections 3.2 and 4.4 by Edward Abraham

Subsection of Section 2.2.3 on hydrozoans and Sections 4.7 and 5.3 by Steven Dudgeon

Subsection of Section 2.2.3 on octocorals by Howard R. Lasker and Juan A. Sanchez

Subsection of Section 2.2.3 on scleractinians by Mark J. A. Vermeij, Dave J. Barnes, and Soyoka Muko

Subsection of Section 2.2.4 on sponges by Werner E. G. Müller

Subsection of Section 2.2.4 on stony corals by Buki Rinkevich

Section 3.1 by Peter Dodds

Section 3.4 by Mark J. A. Vermeij, Jaap Kaandorp, Rolf P. M. Bak, and Leo E. H. Lampmann

Section 4.1.1 by Przemyslaw Prusinkiewicz

Section 4.1.2 by Ligia Collado Vides

Section 4.3 by Bastien Chopard and Peter M. A. Sloom

Section 5.1 on stony corals by Soyoka Muko and Brian Helmuth

Section 6.1 on sponges by Susanne Gatti

Section 6.2 by Dave J. Barnes, Ray B. Taylor, and Janice Lough

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