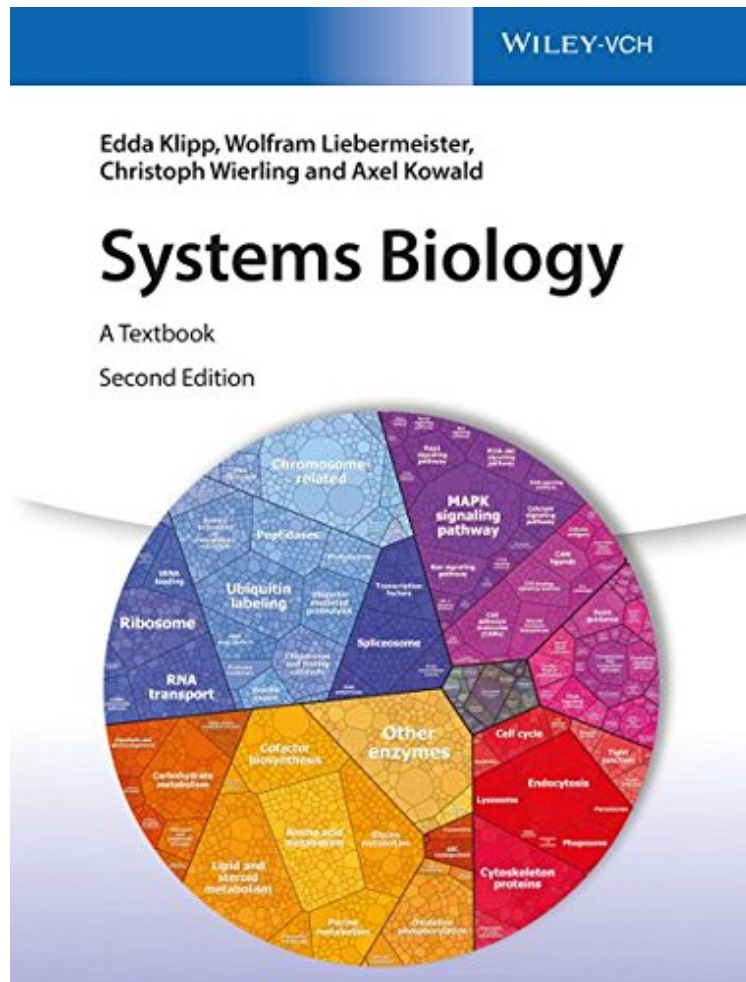


Systems Biology: A Textbook

Edda Klipp, Wolfram Liebermeister, Christoph Wierling, Axel Kowald
DOC | *audiobook | ebooks | Download PDF | ePub



#1311312 in Books 2016-06-27 Original language: English 10.80 x 1.00 x 8.10l, 3.30 #File Name: 3527336362504 pages | File size: 17.Mb

Edda Klipp, Wolfram Liebermeister, Christoph Wierling, Axel Kowald : Systems Biology: A Textbook before purchasing it in order to gauge whether or not it would be worth my time, and all praised Systems Biology: A Textbook:

1 of 1 people found the following review helpful. ISSUES WITH KINDLE VERSION By Gavin I am a Ph.D. student currently in the field of structural biology and wanted to get a comprehensive overview of systems biology. The text book is great, however, the figures are either poor resolution and difficult to read or completely illegible (example figure 2.3) do not purchase the kindle version of this book.

This advanced textbook is tailored for an introductory course in Systems Biology and is well-suited for biologists as well as engineers and computer scientists. It comes with student-friendly reading lists and a companion website featuring a short exam prep version of the book and educational modeling programs. The text is written in an easily

accessible style and includes numerous worked examples and study questions in each chapter. For this edition, a section on medical systems biology has been included.

About the Author Edda Klipp (born 1965) studied theoretical biophysics at the Humboldt University Berlin. A member of the Yeast Systems Biology Network, her research interests include mathematical modeling of cellular systems, signal transduction, systems biology, and text mining. Wolfram Liebermeister (born 1972) studied physics in Tbingen and Hamburg and obtained a PhD of theoretical biophysics at the Humboldt University of Berlin. In his works on complex biological systems, he points out functional aspects like variability, information, and optimality. Christoph Wierling (born 1973) studied biology at the University of Mnster and recently obtained a PhD degree on the modeling and simulation of biological systems. Axel Kowald (born 1963) holds a PhD in mathematical biology from the National Institute for Medical Research, London. His current research interests focus on the mathematical modeling of processes involved in the biology of aging and systems biology.