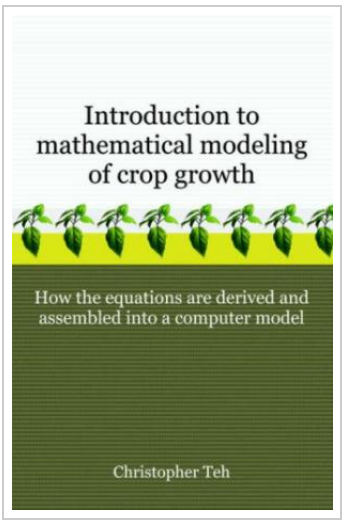

Introduction to Mathematical Modeling of Crop Growth: How the Equations Are Derived and Assembled Into a Computer Program (Paperback)

By Christopher Teh

Brown Walker Press (FL), United States, 2006. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Learning mathematical modeling need not be difficult. Unlike other books, this book not only lists the equations one-by-one, but explains in detail how they are each derived, used, and finally assembled into a computer program for model simulations. This book shows how mathematics is applied in agriculture, in particular to modeling the growth and yield of a generic crop. Topics covered are agriculture meteorology, solar radiation interception and absorption, evapotranspiration, energy and soil water balance, soil water flow, photosynthesis, respiration, and crop growth development. Rather than covering many modeling approaches but in superficial detail, this book selects one or two widely-used modeling approaches and discusses about them in depth. Principles learned from this book equips readers when they encounter other modeling approaches or when they develop their own crop models.

Reviews

This is the finest book i have got study right up until now. I am quite late in start reading this one, but better then never. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- ***Keanu Johns***

This is the finest book i have read until now. It is filled with wisdom and knowledge You can expect to like just how the author compose this ebook.

-- ***Tobin Lesch***