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## Modeling Differential Equations in Biology

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By Clifford Henry Taubes

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2008.

Paperback. Book Condition: New. 2nd Revised edition. 246 x 174 mm. Language: English . Brand New Book. Based on a very successful one-semester course taught at Harvard, this text teaches students in the life sciences how to use differential equations to help their research. It needs only a semester's background in calculus. Ideas from linear algebra and partial differential equations that are most useful to the life sciences are introduced as needed, and in the context of life science applications, are drawn from real, published papers. It also teaches students how to recognize when differential equations can help focus research. A course taught with this book can replace the standard course in multivariable calculus that is more usually suited to engineers and physicists.



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