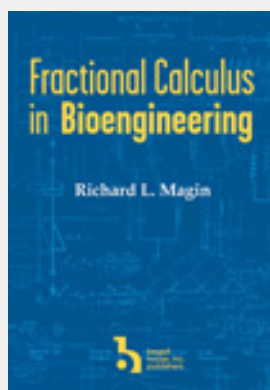



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Accueil > Portail numérique Begell > Livres > **Fractional Calculus in Bioengineering**



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Fractional Calculus in Bioengineering

Richard L. Magin

Department of Bioengineering, University of Illinois at Chicago, Chicago, IL

Description

This book is written for bioengineers who wish to learn more about fractional calculus (including differentiation of arbitrary order) and the ways in which it can be used in bioengineering. The text covers a wide range of topics (bioelectrodes, biomaterials, etc.) of interest to other scientists and engineers as well as to bioengineers. In this book, a small change in notation and perspective, fractional calculus extends conventional calculus and integer order differential equations. By using the Laplace transform – with examples taken from a variety of biomedical applications – fractional calculus. Students will be given a discounted price of \$99.95.

684 pages, © 2006

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