

## Design of Efficient and Safe Neural Stimulators: A Multidisciplinary Approach (Analog Circuits and Signal Processing)

By Marijn Van Dongen

Springer. Hardcover. Condition: New. 126 pages. This book discusses the design of neural stimulator systems which are an established treatment methodology for a wide variety of brain disorders such as Parkinson, depression and tinnitus. Whereas many existing books treating neural stimulation focus on one particular design aspect, such as the electrical design of the stimulator, this book uses a multidisciplinary approach, combining the fields of neuroscience, electrophysiology and electrical engineering, to create a thorough understanding of the complete stimulation chain from the stimulation chip down to the neural cell. The authors multidisciplinary approach enables readers to gain new insights into stimulator design, while they provide context by presenting innovative design examples. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Hardcover.



## Reviews

Absolutely essential go through publication. This can be for all who statte there was not a worthy of looking at. Its been printed in an remarkably basic way and it is just right after i finished reading this book through which in fact altered me, modify the way i think. -- **Dr. Haskell Osinski** 

This is the best book i have read until now. It can be filled with knowledge and wisdom Once you begin to read the book, it is extremely difficult to leave it before concluding.
-- Nadia Konopelski

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