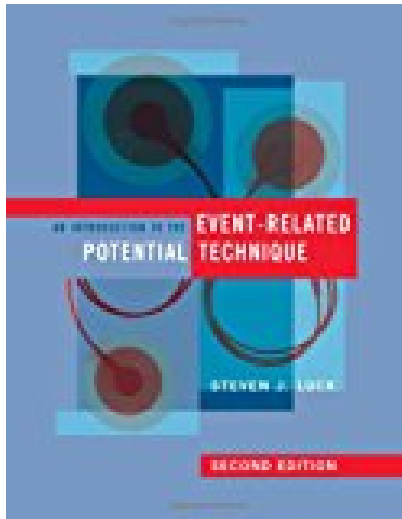


# An Introduction to the Event-Related Potential Technique MIT Press

---



## BOOK DETAILS

- Author : Steven J. Luck
- Pages : 416 Pages
- Publisher : A Bradford Book
- Language : English
- ISBN : 0262525852

[↓ DOWNLOAD](#)

## BOOK SYNOPSIS

The event-related potential (ERP) technique, in which neural responses to specific events are extracted from the EEG, provides a powerful noninvasive tool for exploring the human brain. This volume describes practical methods for ERP research along with the underlying theoretical rationale. It offers researchers and students an essential guide to designing, conducting, and analyzing ERP experiments. This second edition has been completely updated, with additional material, new chapters, and more accessible explanations. Freely available supplementary material, including several online-only chapters, offer expanded or advanced treatment of selected topics. The first half of the book presents essential background information, describing the origins of ERPs, the nature of ERP components, and the design of ERP experiments. The second half of the book offers a detailed treatment of the main steps involved in conducting ERP experiments, covering such topics as recording the EEG, filtering the EEG and ERP waveforms, and quantifying amplitudes and latencies. Throughout, the emphasis is on rigorous experimental design and relatively simple analyses. New material in the second edition includes entire chapters devoted to components, artifacts, measuring amplitudes and latencies, and statistical analysis; updated coverage of recording technologies; concrete examples of experimental design; and many more figures. Online chapters cover such topics as overlap, localization, writing and reviewing ERP papers, and setting up and running an ERP lab.

### **AN INTRODUCTION TO THE EVENT-RELATED POTENTIAL TECHNIQUE**

**MIT PRESS** - Are you looking for Ebook An Introduction To The Event-Related Potential Technique MIT Press ? You will be glad to know that right now An Introduction To The Event-Related Potential Technique MIT Press is available on our online library. With our online resources, you can find Applied Numerical Methods With Matlab Solution Manual 3rd Edition or just about any type of ebooks, for any type of product.

Best of all, they are entirely free to find, use and download, so there is no cost or stress at all. An Introduction To The Event-Related Potential Technique MIT Press may not make exciting reading, but Applied Numerical Methods With Matlab Solution Manual 3rd Edition is packed with valuable instructions, information and warnings. We also have many ebooks and user guide is also related with An Introduction To The Event-Related Potential Technique MIT Press and many other ebooks.

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with An Introduction To The Event-Related Potential Technique MIT Press . To get started finding An Introduction To The Event-Related Potential Technique MIT Press , you are right to find our website which has a comprehensive collection of manuals listed.