

Some recommended books with g.tec contributions



ELECTROENCEPHALOGRAPHY

Basic Principles, Clinical Applications, and Related Fields

Edited by: Ernst Niedermeyer, Fernando Lopes da Silva

ISBN: 978-0-7817-5126-1

Publisher: Lippincott Raven

Publication Date: 5. Edition, November 22, 2004



A Practical Guide to Brain-Computer Interfacing with BCI2000

Edited by: Gerwin Schalk, Jürgen Mellinger

ISBN: 978-1-84996-091-5

Publisher: Springer

Publication Date: 1. Edition, April 15, 2010



BRAIN-COMPUTER INTERFACES

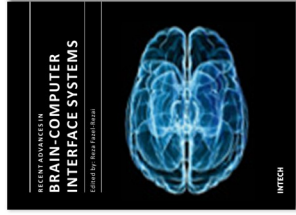
*Revolutionizing Human-Computer Interaction
The Frontiers Collection*

Edited by: Bernhard Graimann, Brendan Allison, Gert Pfurtscheller

ISBN: 978-3-642-02090-2

Publisher: Springer

Publication Date: 1. Edition, July 01, 2010



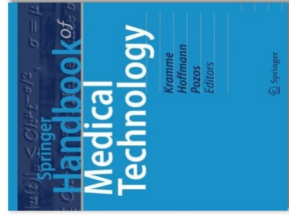
RECENT ADVANCES IN BRAIN-COMPUTER INTERFACE SYSTEMS

Edited by: Reza Fazel

ISBN: 978-953-307-175-6

Publisher: InTech

Publication Date: February, 2011



Springer Handbook of Medical Technology

Edited by: Rüdiger Kramme, Klaus-Peter Hoffmann,
Robert Steven Pozos

ISBN: 978-3-540-74657-7

Publisher: Springer

Publication Date: 1. Edition, September 18, 2011



g.tec introduces lectures for biosignal recording and analysis. They are divided into a first part which contains the theoretical background, hands-on examples and several tasks to solve and a second part which contains only the solutions for the tasks. The lectures allow researchers to get a quick start in the specific field and to perform already state of the art experiments after just a few hours. The lectures are also perfectly suited for teaching because of the separation of tasks and solution manuals.

LECTURE 1: THE ELECTROENCEPHALOGRAM

Average time to perform the lecture: 450 min
Pages of lecture: 47
Pages of solutions for lecture: 24

LECTURE 2: THE BRAIN-COMPUTER INTERFACE

Average time to perform the lecture: 465 min
Pages of lecture: 89
Pages of solutions for lecture: 28

LECTURE 3: THE ELECTROCARDIOGRAM

Average time to perform the lecture: 700 min
Pages of lecture: 58
Pages of solutions for lecture: 71

LECTURE 4: EVOKED POTENTIALS

Average time to perform the lecture: 330 min
Pages of lecture: 65
Pages of solutions for lecture: 24