

Maurer K., Dierks T.

**Atlas of Brain Mapping**

*Topographic Mapping of EEG and Evoked Potentials*

Springer-Verlag, 1991, 103 pp., 66 figs., 6 tabs, 380 g., DM 98,00, ISBN 3-540-53090-8

This atlas and concise textbook by Maurer and Dierks is designed to promote knowledge of the applications of brain mapping techniques of EEG and evoked potentials in clinical neurophysiology and the functional location of neuroelectric generators. It covers both the fundamental theory and the clinical applications of the various spatiotemporal mapping methods of analysis.

The introductory chapters summarize the history, definition and terminology of the various EEG and EP mapping methodologies. Then follow chapters describing clearly data acquisition and signal analysis, storing of data and findings of mapping in normal conditions and in neurological and psychiatric diseases.

The final section deals with psychopharmacology and advanced techniques such as dipole source estimation. Every chapter is copiously illustrated and good use is made of figures, all of excellent quality, especially those in full color. The references, supplied subject by subject, are numerous and up to date. The atlas will be found particularly useful by investigators in the areas of EEG, EP, neuro-psychophysiology, neurology and psychiatry and is also meant to help neurophysiologists and technicians to understand brain electrical activity maps in their daily diagnostic work.

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**Errata Corrigé**

In the paper of Capitani E., Laiacona M., Ciceri E. and Gruppo Italiano per lo Studio Neuropsicologico dell'Invecchiamento: "Sex differences in spatial memory: a reanalysis of block tapping long-term memory according to the short-term memory level" (1991, 12/5: 461-466), on page 466 the Models related to BS = 4 and to BS = 6 contain some typing errors.

The correct Model related to BS = 4 is:

$$AS = OS - 2.47 (\sqrt{100 - \text{age}} - 5.94) - 1.61 (\sqrt{\text{education}} - 2.81)$$

and the correct Model related to BS = 6 is:

$$AS = OS + 0.73 (\text{age} - 39.74)$$