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Gentlemen:

The quantitative analysis of changes in electrical signals in man has become an important technical application of digital computer methods. Of the specific applications, those to electroencephalography have become of special interest. Much effort has gone into the averaging of evoked potentials and many excellent reports have been written. The electronic methods of analysis have recently been summarized by a popular review written by two Soviet authors and distributed in translation by the Department of Commerce.

Another aspect is the description of changes in frequency, pattern and amplitude resulting from anesthesia, drugs, sleep, etc.

These laboratories have developed various applications of digital methods for these purposes. We have received many requests for our programs and have been urged to summarize this information in a technical manual. We believe that there is need for such a technical document to be made more generally available and are sending it to you for your consideration for publication. If this interests you, we would be pleased to discuss amplifications and modifications that may be necessary to provide a more generally applicable document.

Thank you for your consideration.

Sincerely yours,

Max Fink, M.D.  
Professor of Psychiatry

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