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BIBLIOGRAPHY ON VOLTERRA SERIES HERMITE
FUNCTIONAL EXPANSIONS AND RELATED SUBJECTS

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BIBLIOGRAPHY ON VOLTERRA SERIES
HERMITE FUNCTIONAL EXPANSIONS
AND RELATED SUBJECTS

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Preface

This report lists publications on systems-analysis applications of functional series of Volterra and Hermite types during the period from about 1940 to the end of 1976. A few papers on closely related topics have also been included.

Mathematically related work not directly applying to systems analysis has, in general, been excluded. (e.g. Volterra integral equations, applications in physics).

Within its intended scope, the author has tried to make the bibliography as complete as possible, although for the year 1976 it, no doubt, remains incomplete.

The bibliography was prepared during the author's stay as Research Fellow in the Group on Measurement and Control of the Department of Electrical Engineering. The author wishes to thank Professor P. Eykhoff for his interest and help with the preparation of this bibliography. He also thanks Ing. P.S.A. Groot for help in carrying out a computer-aided literature search at Philips Research Laboratory.

Abbreviations:

The following special abbreviations are used:

- RLE MIT : Research Laboratory of Electronics
Massachusetts Institute of Technology
- QPR : Quarterly Progress Report
- TR : Technical Report

Before 1955

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