ALTERNATING CURRENTS. PART I–II

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Alternating currents. Part I-II by C. G. Lamb

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C. G. LAMB

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PART I

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BY

C. G. LAMB, M.A.

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CAMBRIDGE
AT THE UNIVERSITY PRESS
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PREFACE

Some excuse is desirable for the act of adding to the number of books dealing with this subject. It is one in which the method of treatment must vary considerably with the preliminary attainments of the student, the time available for the course, and its proposed scope. It follows that a lecturer meets with some difficulty in recommending a text-book to fit the special scheme of instruction he has to adopt.

The present book is the first of a short series of Notes intended primarily to assist a student in writing up his lectures; they are of the nature of a full explanatory syllabus of the course of lectures given to Third Year students in the Engineering Laboratory, and are in no wise designed to form a text-book on the subject. In consequence the treatment is necessarily condensed; and further, the limitation of the time available for the course has led to a certain amount of selection in the subjects dealt with; what such omissions should be must always be a matter of opinion. No examples are appended, as these are provided for separately, or can best be composed by the lecturer.

The author is indebted to Mr E. B. Moullin, M.A., of Downing College, for revising the proofs; his hearty thanks are also due to Mr J. B. Peace, M.A., of Emmanuel College, the University Printer, who most kindly read the original manuscript and suggested numerous improvements in the treatment and presentation of the subject.

C. G. L.

Cambridge,
October, 1921.

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