TEXT-BOOKS OF PHYSICAL CHEMISTRY.
ELECTRO-CHEMISTRY. PART I: GENERAL
THEORY; INCLUDING A CHAPTER ON THE
RELATION OF CHEMICAL CONSTITUTION
TO CONDUCTIVITY

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## R. A. LEHFELDT & T. S. MOORE

TEXT-BOOKS OF PHYSICAL CHEMISTRY. ELECTRO-CHEMISTRY. PART I: GENERAL THEORY; INCLUDING A CHAPTER ON THE RELATION OF CHEMICAL CONSTITUTION TO CONDUCTIVITY



# TEXT-BOOKS OF PHYSICAL CHEMISTRY

EDITED BY SIR WILLIAM RAMSAY, K.C.B., F.R.S.

#### TEXT-BOOKS OF PHYSICAL CHEMISTRY.

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# **ELECTRO-CHEMISTRY**

### PART I GENERAL THEORY

RY

R. A. LEHFELDT, D.Sc.

INCLUDING
A CHAPTER ON THE RELATION OF CHEMICAL
CONSTITUTION TO CONDUCTIVITY

HY .

T. S. MOORE, B.A., B.Sc.



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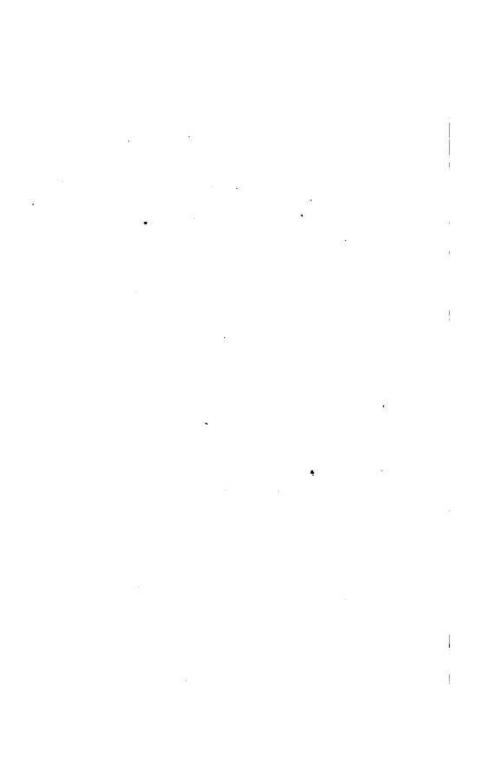
#### PREFACE

THE present volume deals with the general theory of electrochemistry. This is divided into two parts, one giving the relation between quantity of electricity and quantity of chemical action; the other and more recent part forms the pendant to the first by giving the relation between electromotive force and intensity of chemical action. These subjects are dealt with in Chapters I. and III. Chapter II. is in the nature of an appendix to the first chapter, and may be omitted by those who are not interested in pure chemistry, without detriment to the continuity of the book.

In a subsequent volume it is hoped to discuss the most important applications of the theory, to primary and secondary cells, to electrolysis, and to the solution of chemical problems.

R. A. L.

May, 1904.



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