

**ILLUSTRATIONS OF THE
CENTIMETRE-GRAMME-
SECOND
(C.G.S.) SYSTEM OF UNITS**

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Illustrations of the Centimetre-Gramme-Second (C.G.S.) System of Units by J. D. Everett

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J. D. EVERETT

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Published by the Physical Society.

ILLUSTRATIONS

OF THE

CENTIMETRE-GRAMME-SECOND

(C.G.S.)

SYSTEM OF UNITS,

BASED ON THE RECOMMENDATIONS OF THE COMMITTEE APPOINTED BY
THE BRITISH ASSOCIATION "FOR THE SELECTION AND NOMEN-
CLATURE OF DYNAMICAL AND ELECTRICAL UNITS."

BY

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PREFACE.

THE quantitative study of physics, and especially of the relations between different branches of physics, is every day receiving more attention.

To facilitate this study, by exemplifying the use of a system of units fitted for placing such relations in the clearest light, is the main object of the present treatise.

A complete account is given of the theory of units *ab initio*. The Centimetre-Gramme-Second (or C.G.S.) system is then explained; and the remainder of the work is occupied with illustrations of its application to various branches of physics. As a means to this end, the most important experimental data relating to each subject are concisely presented on *one uniform scale*--a luxury hitherto unknown to the scientific calculator.

I am indebted to several friends for assistance in special departments--but especially to Professor Clerk Maxwell and Professor G. C. Foster, who revised the entire manuscript of the work in its original form.

Great pains have been taken to make the work correct as a book of reference. Readers who may discover any errors will greatly oblige me by pointing them out.

J. D. EVERETT.

BELFAST,
June 22nd, 1875.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that proper record-keeping is essential for transparency and accountability, particularly in financial matters.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data sources to ensure the validity of the findings.

3. The third part of the document describes the process of identifying and addressing potential risks and challenges. It notes that proactive risk management is crucial for the success of any project or initiative.

4. The fourth part of the document provides a detailed overview of the results and conclusions drawn from the study. It discusses the key findings and their implications for future research and practice.

5. The fifth part of the document offers recommendations and suggestions for further action. It encourages stakeholders to take the necessary steps to implement the findings and improve their operations.

6. The sixth part of the document includes a list of references and sources used in the study. It provides a comprehensive list of the literature and data sources consulted during the research process.

7. The seventh part of the document contains a list of appendices and supplementary materials. These materials provide additional information and data that support the main findings of the study.

8. The eighth part of the document includes a list of figures and tables. These visual aids help to present the data in a clear and concise manner, making it easier to understand and interpret.

9. The ninth part of the document contains a list of footnotes and endnotes. These notes provide additional context and information related to the main text of the document.

10. The tenth part of the document includes a list of acknowledgments and a list of authors. These sections recognize the contributions of individuals and organizations that supported the research and writing of the document.

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