

ELECTRICITY AND MAGNETISM FOR BEGINNERS

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Electricity and magnetism for beginners by F. W. Sanderson

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F. W. SANDERSON

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Phys
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ELECTRICITY & MAGNETISM

FOR BEGINNERS

BY

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HEADMASTER OF GUNDEK SCHOOL

WITH ILLUSTRATIONS

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P R E F A C E

THE following lessons in Electricity are intended to form a first course for boys who have already learnt the elements of mensuration, statics, dynamics, and heat. As the object of the book is to introduce the student to the principal laws of the subject, and to give him a working knowledge of the quantities involved, I have thought it well, at this stage, to introduce only direct experiments. It will be advisable to omit the last three sections of the chapter on magnetism until the second and third chapters have been studied. The apparatus required for the experiments is described in the text, or is made clear by the diagrams. This apparatus is of the simplest character, and can be provided at a very small cost for classes of as many as thirty to work the same experiment at the same time.

F. W. SANDERSON.

OUNDLE SCHOOL,
April 1897.

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