



# Electromagnetism for Engineers: An Introductory Course

By P. Hammond



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This is a fully revised and updated edition of a widely used introductory textbook on electromagnetism. It covers all the fundamental aspects of this important topic in electrical engineering. The approach is eminently practical and requires little mathematics other than elementary differentiation, integration, and trigonometry. It will continue to appeal to students studying this conceptually challenging but fundamental subject. New sections on electromechanics (conversion of electric and magnetic energy in mechanical energy and vice versa) and high-frequency phenomena (transmission lines, waveguides, optical fibres, and radio propagation) enhance the usefulness of the book.

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### **Editorial Review**

#### Review

I can recommend this book with genuine enthusiasm.

International Journal of Electrical Engineering Education, Volume 24, Number 2

I find this textbook excellent for the...B Eng Course we give on Electrotechnology. Further, I am going to try it with HND/BTec Classes in the coming year since it is suitable for this also.

Dr J E L Hollis, Portsmouth Polytechnic

#### About the Author

Percy Hammond is a very distinguished figure in the circles of electromagnetic scholarship. This book is very well known and loved in its first three editions. He is also a serious contributor to computational methods with the "Tubes and Slices" method given prominence in Engineering Electromagnetism (with Sykulski) and to fundamental thinking about the geometry of fields in The Geometry of Electromagnetic Fields (with Baldomir). Hammond is a series editor for Monographs in Electrical and Electronic Engineering.

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Nowadays reading books become more than want or need but also be a life style. This reading behavior give you lot of advantages. The huge benefits you got of course the knowledge the actual information inside the book which improve your knowledge and information. The details you get based on what kind of publication you read, if you want get more knowledge just go with education books but if you want really feel happy read one having theme for entertaining for instance comic or novel. The Electromagnetism for Engineers: An Introductory Course is kind of guide which is giving the reader unstable experience.

##### **Geraldine Louis:**

A lot of people always spent their free time to vacation or go to the outside with them family or their friend. Do you know? Many a lot of people spent these people free time just watching TV, or playing video games all day long. If you need to try to find a new activity here is look different you can read some sort of book. It is really fun for you. If you enjoy the book that you just read you can spent all day long to reading a book. The book Electromagnetism for Engineers: An Introductory Course it is very good to read. There are a lot of individuals who recommended this book. These were enjoying reading this book. In the event you did not have enough space bringing this book you can buy the e-book. You can m0ore very easily to read this book out of your smart phone. The price is not too costly but this book provides high quality.

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