

Foreword

by Linda P. B. Katehi

Through its six editions, the first one appearing in 1977, *Elements of Engineering Electromagnetics* has provided students with an updated and comprehensive introduction to a major field of electrical engineering. In it, N. Narayana Rao has helped thousands of engineering students master the basic principles and applications of electromagnetic theory.

A distinctive new section of this edition, “Why Study Electromagnetics?” extends the usefulness of this classic textbook by drawing on the experiences of contributors who, as teachers and entrepreneurs as well as engineers, have put electromagnetic theory to work in their professional lives.

It is most fitting that Professor Rao, who has long been professor of electrical and computer engineering at the University of Illinois at Urbana-Champaign, has addressed this new edition to the students and faculty of his birth nation, India. For decades, engineering at Illinois has benefited greatly from the contributions of students and faculty from India. This new edition both grows out of and complements a tradition that has strengthened the study of engineering in both Illinois and India.

I expect the Indian edition of *Elements of Engineering Electromagnetics* to become a valuable resource in engineering education in India.

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