Simon Haykin has written two books with Wiley for Communications Systems, Introduction to Digital and Analog Communications, 2e and the forthcoming revision of his classic Communications Systems, 5e. The second edition of Introduction to Digital and Analog Communications, 2e is written at an accessible level and serves as an introductory treatment of communication theory, both analog and digital communications.

Given the highly mathematical nature of communication theory, it is rather easy for the reader to lose sight of the practical side of communication systems. Throughout the book, the authors have made a special effort to move through the mathematical treatment at an easy-to-grasp level, and also to point out the practical relevance of the theory wherever it is appropriate to do so.

Drs. Haykin's other text, Communication Systems reaches out to a higher level of math rigor. Also, Introduction to Digital and Analog Communications, 2e offers the probability coverage later in the book (chapter 8) since probability theory is not critical to the understanding of modulation. This also contributes to the accessible approach of the text.

Introduction to Digital and Analog Communications, 2e is self-contained and suited for a one or two-semester course in communication systems taken by Electrical Engineering juniors or seniors. The book offers flexibility for organizing the course material to suit the interests of course professors and students.

Reviewer Quotes:
My current textbook by Proakis/Salehi: Communication Systems Engineering, 2e did not meet my student's capabilities and expectations. The textbook is too complicated and overloaded with heavy mathematical equations. The material is not always logically
presented. Not to mention, there is 800 pages of text. I was impressed with Haykin/Moher's: Introduction to Digital and Analog Communications, 2e and the straightforward comprehensive material coverage of the basic principles of communication theory. Also, the text is logically written with easy to follow and understand mathematical equations and examples. Absolutely, I would like to use this textbook for my communications systems class as soon as it will be possible.”  Andrei Petrov- Idaho State University

“Overall, I found the concepts are clearly explained, the chapters are well motivated by their introductions, “Lessons to be learned” at the beginning of each chapter are particularly appealing, and concluded with well put summaries. A very well-written introductory text to grasp the basics of communication systems.” Aylin Yener-Penn State University

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**ABOUT THE AUTHOR**

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