### DESCRIPTION

This book addresses coding, a new solution to the major challenge of communicating more bits of information in the same radio spectrum.

- Explores concepts and new transmission methods that have arisen in the last 15 years
- Discusses the method of faster than Nyquist signaling
- Provides self-education resources by including design parameters and short MATLAB routines

*Bandwidth Efficient Coding* takes a fresh look at classical information theory and introduces a different point of view for research and development engineers and graduate students in communication engineering and wireless communication.

### ABOUT THE AUTHOR

**JOHN B. ANDERSON** is the Ericsson Chair in Digital Communication at Lund University in Sweden. He received his Ph.D. in electrical engineering from Cornell University in 1972. His research work is in coding and communication algorithms, bandwidth-efficient coding, and data compression. Dr. Anderson served as President and Vice President of the IEEE Information Theory Society, and in 1983 and 2006 was Co-Chair of the IEEE International Symposium on Information Theory. He served on the Publications Board of IEEE on three occasions, and was Editor-in-Chief of IEEE Press during 1994-96 and 2012-13. He won the

To purchase this product, please visit [https://www.wiley.com/en-us/9781119345336](https://www.wiley.com/en-us/9781119345336)