

Modern Radar Systems (Artech House Radar Library)



This revised and updated edition to the popular Artech House book, *Modern Radar Systems*, offers professionals complete and current coverage of the subject, including new material on critical aspects such as accuracy, resolution, and convolution and correlation. The book features more than 540 illustrations that offer a greater understanding of various waveforms, and other two- and three-dimensional functions, to help engineers more accurately analyze radar system performance. The effects of pulse shaping on transmitter stability and spectra are discussed - a topic that is becoming more and more important to today's engineers. Radar practitioners get a number of critical atmospheric models to help them with their challenging work. Each chapter ends with a performance section, showing the effect of that particular aspect on the complete radar system budget for range, accuracy, and stability.

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