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Description. Radar Signals: An Introduction to Theory and Application introduces the reader to the basic theory and application of radar signals that are designated as large time-bandwidth or pulse-compression waveforms. Topics covered include matched filtering and pulse compression; optimum predetection processing; the radar ambiguity function; and the linear frequency modulation waveform and matched filter.

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Radar signals: an introduction to theory and application Electrical Science Cook, Charles E. and Marvin Bernfeld: Published by Academic Press (1967)

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This book is devoted to the development of the basic theory and application of radar signals that are designated as large time-bandwidth or pulsecompression waveforms. This class of signals provides one of

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Radar signal characteristics - Wikipedia

INTRODUCTION : #1 Radar Signals An Introduction To Publish By Seiichi Morimura, Radar Signals An Introduction To Theory And Application radar signals an introduction to theory and application introduces the reader to the basic theory and application of radar signals that are designated as large time bandwidth or pulse compression waveforms

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The concept of radar cross-section, waveform design, antennas, transmitter and receiver characteristics, and the detection of radar signals in the presence of noise are presented. Some radars are required to detect small targets in the presence of much larger radar echoes from sea or land clutter in the radar's coverage.

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