

## Principles Of Modern Radar Basic Solutions

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Principles of Modern Radar: Basic Principles is a comprehensive and modern textbook for courses in radar systems and technology at the college senior and graduate student level; a professional training textbook for formal in-house courses for new hires; a reference for ongoing study following a radar short course; and a self-study and professional reference book.

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"Principles of Modern Radar" ("POMR"), co-edited by Dr. Mark Richards, Dr. Bill Holm and Mr. Jim Scheer, is a two-volume set providing comprehensive coverage of the fundamentals of modern radar technology. The first volume, "Basic Principles", provides a highly accessible introduction to the physical principles, hardware building blocks, and core processing techniques applicable to a broad spectrum of radars.

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Modern radar systems are highly complex, leveraging the latest advances in technology and relying on sophisticated algorithms and processing techniques to yield exceptional products. Principals of Modern Radar is the first in a series, covering basic radar concepts, radar signal characteristics, radar subsystems, and basic radar signal processing.

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