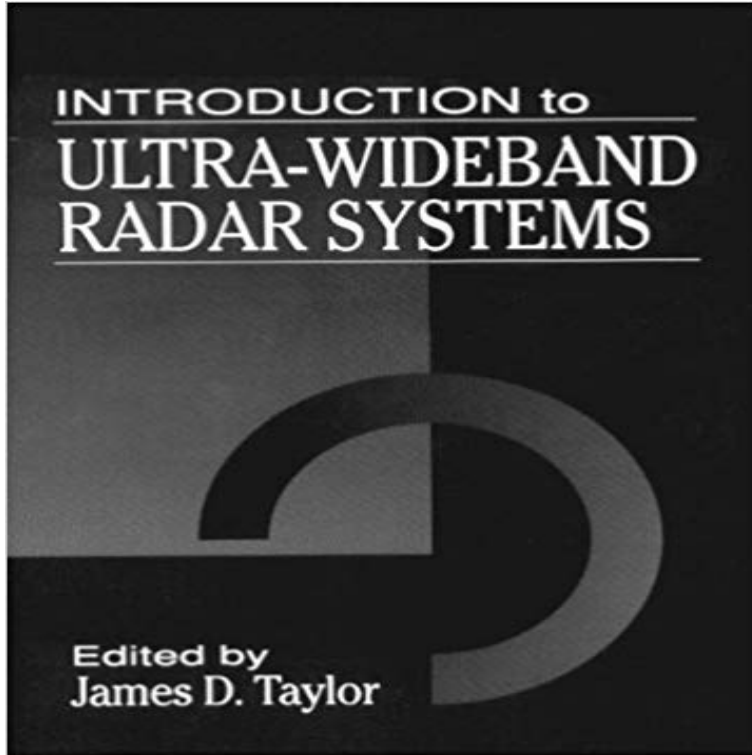


Introduction to Ultra-Wideband Radar Systems



This introductory reference covers the technology and concepts of ultra-wideband (UWB) radar systems. It provides up-to-date information for those who design, evaluate, analyze, or use UWB technology for any application. Since UWB technology is a developing field, the authors have stressed theory and hardware and have presented basic principles and concepts to help guide the design of UWB systems. Introduction to Ultra-Wideband Radar Systems is a comprehensive guide to the general features of UWB technology as well as a source for more detailed information.

Ultra-wideband Radar Technology 1st Edition. In 1995, James D. Taylor's Introduction to Ultra-Wideband Radar Systems introduced engineers to the theory behind a promising new concept for remote sensing. However, understanding ultra-wideband (UWB) radar requires a new philosophical 1.1 Introduction. Ultrawideband (UWB) radar systems give the user X-ray vision into the ground, solid materials, and through walls. Special purpose systems can

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