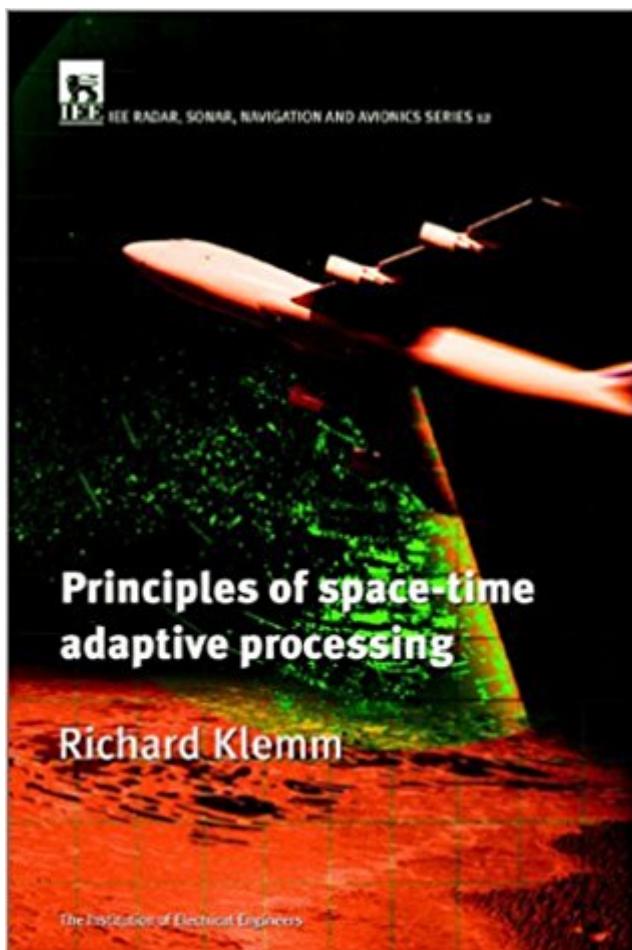


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Principles Of Space Time Adaptive Processing (Iee Radar, Sonar, Navigation And Avionics Series, 12)



Synopsis

This is a systematic introduction to MTI (moving target indication) system design for use in the fields of earth observation, surveillance and reconnaissance, with particular regard to the suppression of clutter returns. Coverage includes signal processing, clutter models, array processing theory, adapted linear arrays, non-linear antenna configurations, circular arrays, space-frequency techniques, and clutter suppression jamming conditions. This book is a follow up to the author's successful first book on STAP.

Book Information

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Customer Reviews

I would recommend the book to anyone as an introduction to the design of STAP systems for radar and sonar. --Electronics & Communications Engineering Journal

Richard Klemm is a senior scientist at FGAN, the German defense research establishment. He has published more than 50 papers on various radar and sonar signal processing topics, with emphasis on cancellation of jammers, clutter and reverberation, and on matched field processing. Dr. Klemm has given seminars on STAP in different countries and in 1996 initialized the International European Conference on Synthetic Aperture Radar (EUSAR).

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