

RADAR AUTOMATIC TARGET RECOGNITION (ATR) AND NON-COOPERATIVE TARGET RECOGNITION (NCTR)

BLACKNELL & GRIFFITHS (EDS.)

Capturing material presented by leading international experts at a NATO lecture series, this book explores both the fundamentals of classification techniques applied to data from a variety of radar modes and selected advanced techniques at the forefront of research.

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- Explores both the fundamentals of classification techniques applied to data from a variety of radar modes and selected advanced techniques at the forefront of research.
- Topics include; the problem as applied to the ground, air and maritime domains, impact of image quality on the overall target recognition performance, performance of different approaches to the classifier algorithm and improvement in performance to be gained when a target can be viewed from more than one perspective.
- This book also discusses challenges and directions for future research.

READERSHIP

Essential reading for academic, industrial and military radar researchers, students and engineers worldwide.

AUTHOR INFORMATION

Hugh Griffiths' research interests include radar sensor systems and signal processing as well as antennas and antenna measurement techniques. In 2012 he was awarded the A F Harvey Engineering Research Prize by the IET.

David Blacknell has worked on a large variety of topics in radar signal and image processing during his career and he is a recognised international expert on radar image exploitation.



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