

International Conference on (IEE), 1991, pp. 383-391
vol.1.

- [14] H. Mott, *Remote sensing with polarimetric radar* New York, N.Y: Wiley-IEEE ; Chichester : John Wiley 2007.
- [15] Fawwaz T. Ulaby and C. Elachi, *Radar polarimetry for geoscience applications*: Norwood, Mass. : Artech House, 1990.
- [16] C. E. Baum, E. J. Rothwell, K.-M. Chen, and D. P. Nyquist, "The singularity expansion method and its application to target identification," *Proceedings of the IEEE*, vol. 79, pp. 1481-1492, 1991.
- [17] C. E. Baum, "Signature-based target identification and pattern recognition," *Antennas and Propagation Magazine, IEEE*, vol. 36, pp. 44-51, 1994.
- [18] F. F. H. Aldhubaib and N. V. Z. Shuley, "Characteristic Polarization States Estimation in an Ultrawideband Context: A Frequency Approach," *IEEE Transactions on Geoscience and Remote Sensing*, vol. 47, pp. 2808-2817, 2009.
- [19] F. Aldhubaib, N. V. Shuley, and I. D. Longstaff, "On the application of pattern recognition to identification of simple targets based on resonance and polarization diversity," in *Radar Systems, 2007 IET International Conference on*, 2007, pp. 1-5.
- [20] F. Aldhubaib and N. V. Shuley, "Radar Target Recognition Based on Modified Characteristic Polarization States," *IEEE Transactions on Aerospace and Electronic Systems*, vol. 46, pp. 1921-1933, 2010.
- [21] F. Aldhubaib, H. S. Lui, N. V. Shuley, and A. Al-Zayed, "Aspect segmentation and feature selection of radar targets based on average probability of error," *IET Microwaves, Antennas & Propagation*, vol. 4, pp. 1654-1664, 2010.
- [22] F. Aldhubaib, "Polarization Angles As A Radar Feature Set " *International Journal of Enhanced Research in Science Technology & Engineering (IJERSTE)*, vol. 5, April - 2016 2016.
- [23] T. K. Sarkar and O. Pereira, "Using the matrix pencil method to estimate the parameters of a sum of complex exponentials," *Antennas and Propagation Magazine, IEEE*, vol. 37, pp. 48-55, 1995.
- [24] E. s. a. systems, "Feko Suit 5," 9.3.24 ed. S.A (Pty) Ltd, 2003-2005.

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