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**Research Article**

**CLEAN Technique for Polarimetric ISAR**

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**Abstract**

Inverse synthetic aperture radar (ISAR) images are often used for a large amount of data processed by the classifier, scattering centres are used for classifying and recognising targets. This paper addresses the problem of extracting the vector of target scattering centres from polarimetric ISAR images using the CLEAN technique, which was introduced in radar imaging for synthetic aperture radar (SAR) images. The effectiveness of the proposed algorithm, named CLEAN, is tested on simulated and real data.

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