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# PE&RS

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Photogrammetric Engineering Remote Sensing

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Number 4

## An Integrated Method to Rectify Airborne Radar Imagery Using DEM

The geometric correction model, which removes distortions produced by viewing geometry and terrain-induced effects, achieved an accuracy of about two pixels.

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### PE&RS

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Cover Image – Fredericton, New Brunswick, Canada, on the lower St. John River. Acquired 3 April 1987, by the Canada Centre for Remote Sensing, using a C/X airborne Synthetic Aperture Radar (SAR) system. It shows a sub-area (5.6 x 5.6 km) of the resampled SAR ortho-image with road network overlaid in red.

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