A Fractal Rotating Vector Algorithm of
Radar Echo Image Plotting *

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ABSTRUCT

Natural coastline is an intricate curve, which is in and out, discontinuous and has fractional dimension. In the radar echo image-plotting test, in order to generate complicated coastline with arbitrary details through the sampling points gained from digital instrument, fractal algorithm is the best choice. A fractal algorithm called fractal rotating vector algorithm is given, it can generate the coastline data for radar echo image with arbitrary level detail structure.

Keywords: Fractal, radar echo image, radar plotting