Fourier transform (FT) method. Reconstruction from same scan data as before.

Real and imaginary parts that are obtained when 1-D FFTs have been applied to the scan lines.

Real and imaginary parts of the scan data when 1-D Fourier transformed, and interpolated to the $(\omega_1, \omega_2)$-plane.

Reconstructed image by the Fourier method.

Reconstruction when scan data has been 'padded' by a factor of two.