Nature Photonics **5**, 243–245 (2011)

Phase and Amplitude of Fourier Transform

Fourier Amplitude

(Test Image)$_1$

Fourier
Amplitude

Phase and Amplitude Separated

keeping the amplitude
phase $= 0$

keeping the phase
amplitude $= 1$

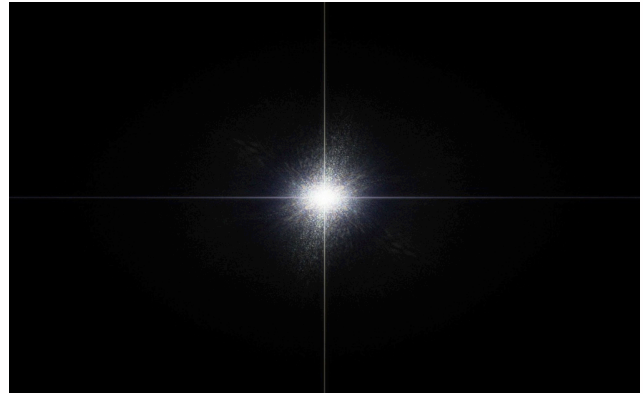# Fourier Amplitude

(Test Image)$_2$

Fourier
Amplitude

Mixing Phase and Amplitude

phase

amplitude