Initial estimate for the complex object; Given initial phase $\phi_0(\xi, \eta)$

First iteration only

Objective domain constraints $(\xi, \eta) \in \Gamma$

Object domain intensity $|u(\xi, \eta)|$

Soft thresholds operator $TH_\lambda$\{\}

Inverse Fourier Transform

Fourier Transform

Fourier domain intensity $|U(x, y)|$

Fourier domain constraints $(x, y) \in \Pi$