

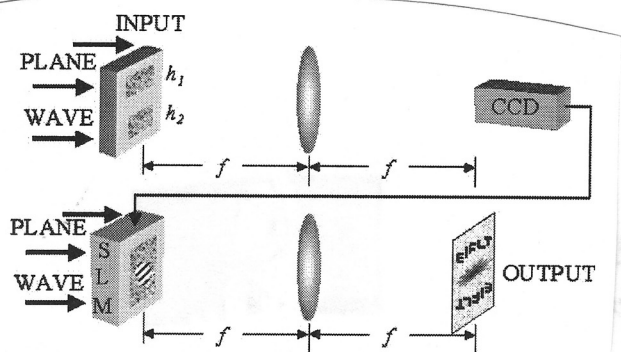


Fig. 1 The JTC correlator used for optical security verification.

Abookasis et al.: Security optical systems ...

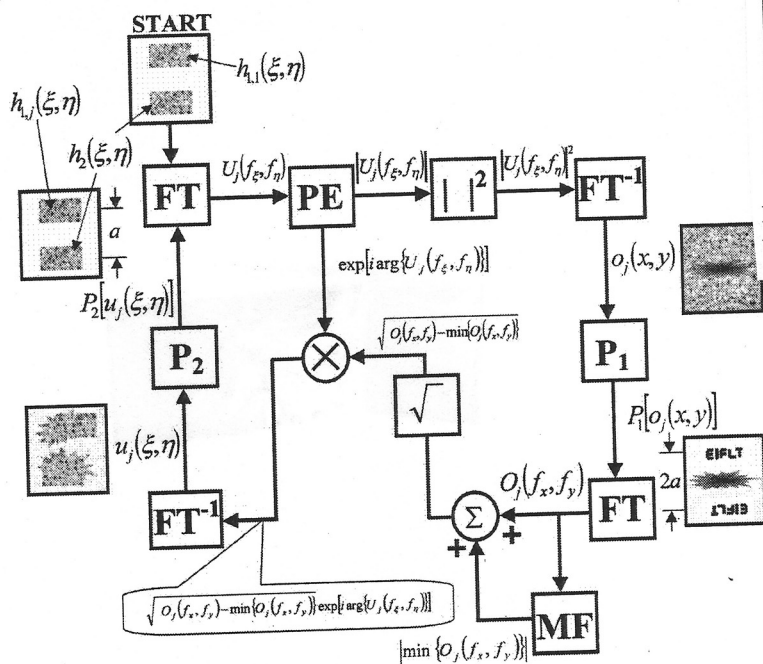


Fig. 2 Block diagram of the POCS process used to compute the phase-only mask $h_1(\xi, \eta)$; FT is Fourier transform, PE is the phase extraction, MF is the minimum finder, and P_i is the i th projection.

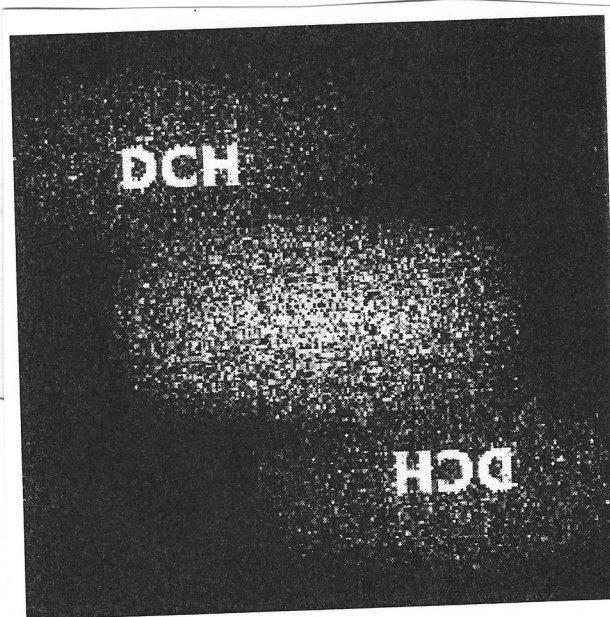


Fig. 5. Simulation result of the desired image constructed on the JTC correlation plane.

D. Abookasis, J. Rosen / Optics Communications 225 (2003) 31-37

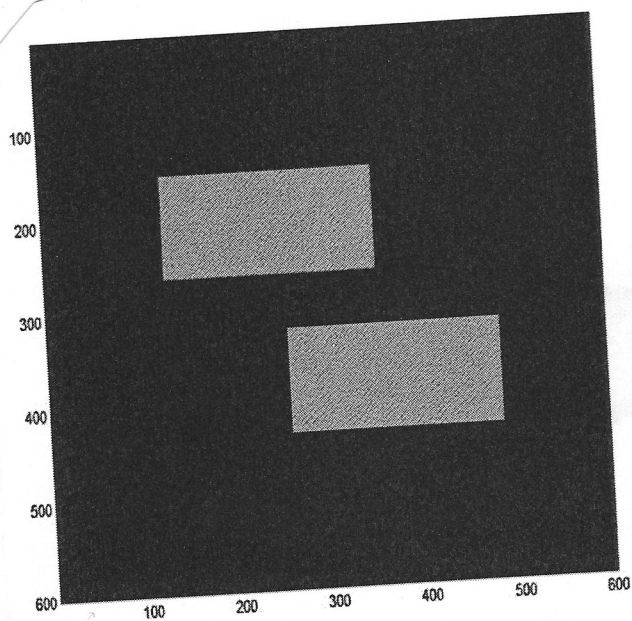


Fig. 2. Two sub-holograms on the JTC input plane.

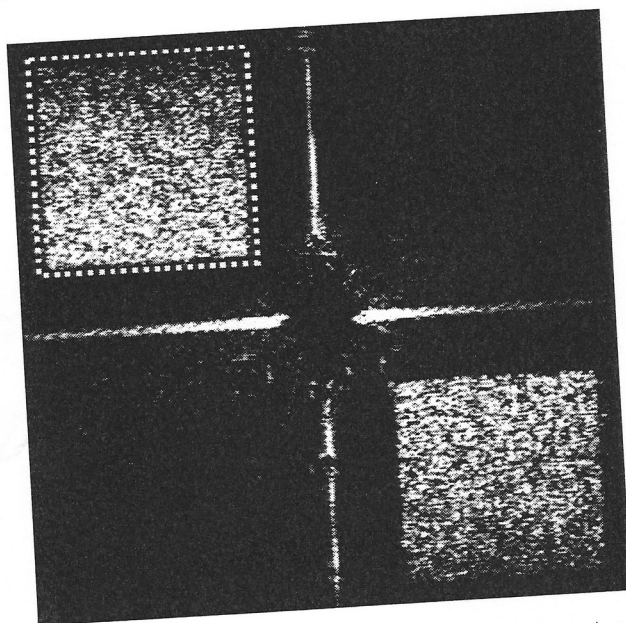


Fig. 3. Three diffraction orders on the joint power spectrum plane.