



Fig. 2. Reconstructed image obtained by computing the 2-D Fourier transform of the hologram displayed in Fig. 1. The picture is a negative with a reduced dynamic range to better show the noise distribution.

Fig. 1. Incoherent hologram recorded with broadband white light. The dc bias has been removed (background grey level is zero, dark is negative, bright is positive). The object consisted of 40 bright dots.



Fig. 5. (a) Input mask to the incoherent-recording JTC. The two upper letters are the tested objects, and the lower letter is the perce. (b) Intensity distribution as recorded in plane P_2 of Fig. 4 when the input was the mask of (a). (c) Pattern of (b) after the bias was subtracted. (d) Transmissivity of the SLM in Fig. 4 [the distribution shown in (c), squared]. (e) Correlation results with a section from right to left through the upper peak.