

Fig. 7. Optical system for capturing multiple-viewpoint projections of the 3-D scene for obtaining a two-dimensional DIMFH of the scene. The camera and its imaging lens move together into a different capturing viewpoint for each projection.

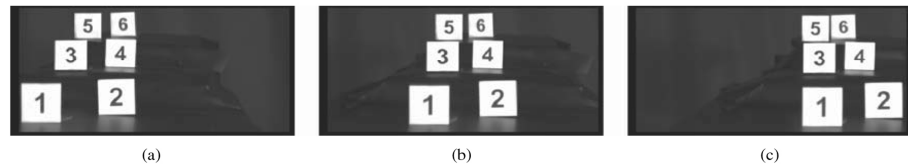


Fig. 9. (a–c) Three projections taken from the entire projection set obtained by the system shown in Figure 7, but with horizontal movement only of the camera.

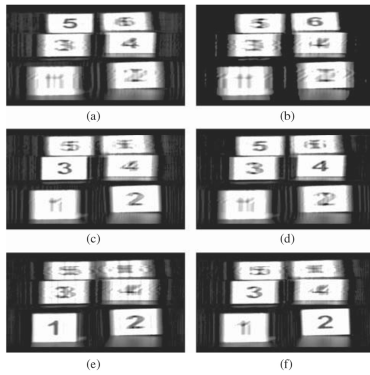


Fig. 11. (a–f) The six best in-focus reconstructed planes along the optical axis obtained by digital reconstruction from the hologram of Figure 10.

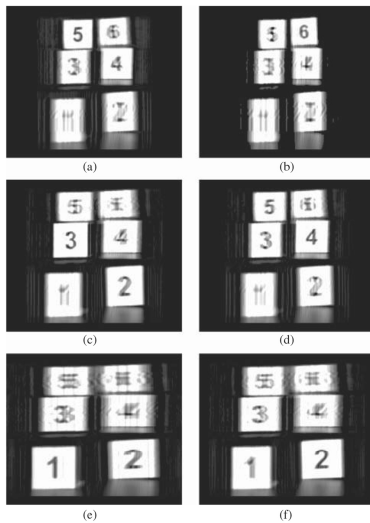


Fig. 12. (a–f) The six best in-focus reconstructed planes along the optical axis, obtained by digital reconstruction from the hologram of

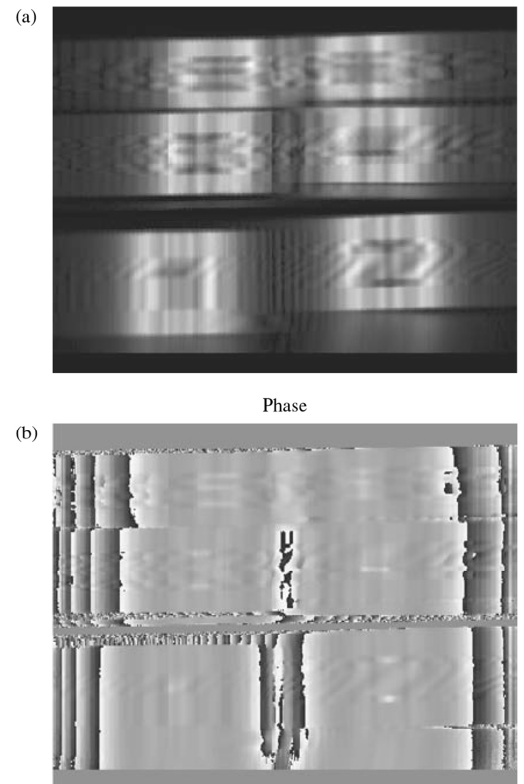


Fig. 10. (a) Magnitude and (b) phase of the one-dimensional DIMFH