Computer Generated Holograms of Thai Characters and Thai Numbers

Siam Choothia* and Ian Thomas*

*Department of Physics, Faculty of Science, Khon Kaen University, Khon Kaen, 40002.

Synthetic holograms or Computer-Generated Holograms have been constructed for the 44 Thai characters and 10 Thai numbers. Holograms 1 cm x 1 cm and consisting of 300 x 300 pixels were made into slides using litho film. Reconstructed images using these holograms revealed satisfactory images of original objects. This research result opens up several applications of holograms and the means to construct holograms of objects with complex shapes.