ABSTRACT

3-D square image is an image that look like a real image. In the application, 3-D image is an image that have x, y, and z coordinate inside. The differences between 3-D image and 2-D image located in their axis that 2-D image just have x and y axis. Then, the differences between 3-D image and 2-D image is located in the z axis.

In this research, the authors have made 3-D design from 2-D image. In here, 2-D image using image sequence. In this scope, the meaning of image sequence is an image sequence from 2-D image that was taken from whole direction where that thing placed. That thing placed in one place, then, we will take an image from whole direction using digital camera (upper-side, front-side, back-side, left-side, and right-side). By using image sequence, it will obtained more image data that will be processed become a data input with resemblance to the original object. In this final project, the type of object focused on the uniform rectangle, unhollow, and untransparence.

Visualization of 3-D image was build from collection of 2-D image from an object that have accuration level more than 75% based on human's view.

Key words : 2-D, 3-D, image sequence.