Lab3 - Computer Generated Holography
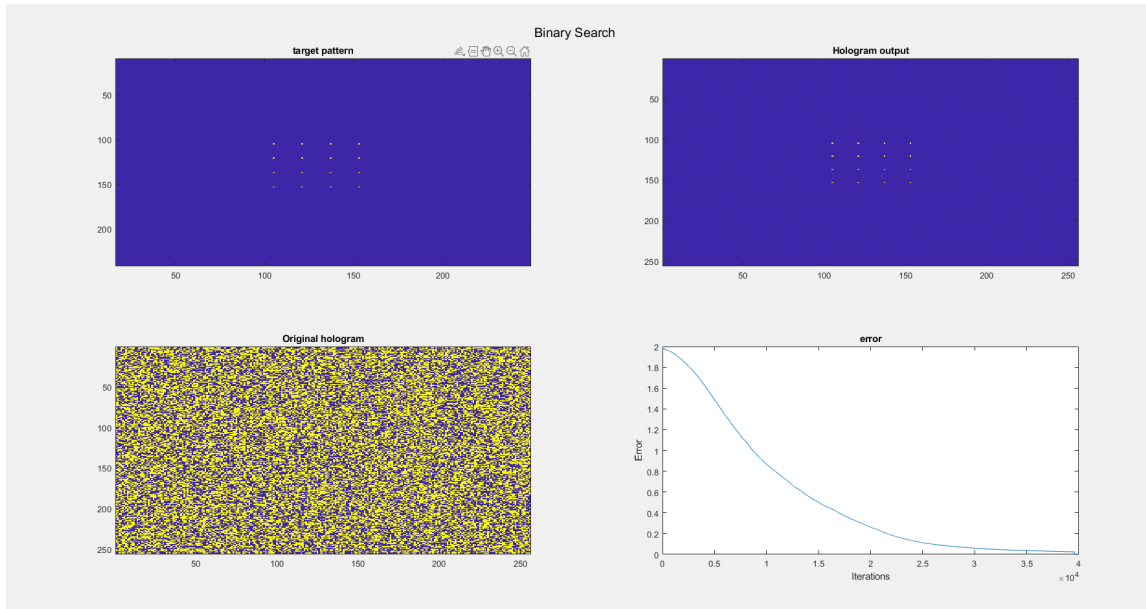
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1   Figures

Figure 1: Binary Search Algorithm to produce hologram of 4x4 array of 16 evenly spaced pixels. The top left displays the intended target to alter the bottom left image to, with the top right displaying the output and the bottom right displaying the error as a function of iteration number.
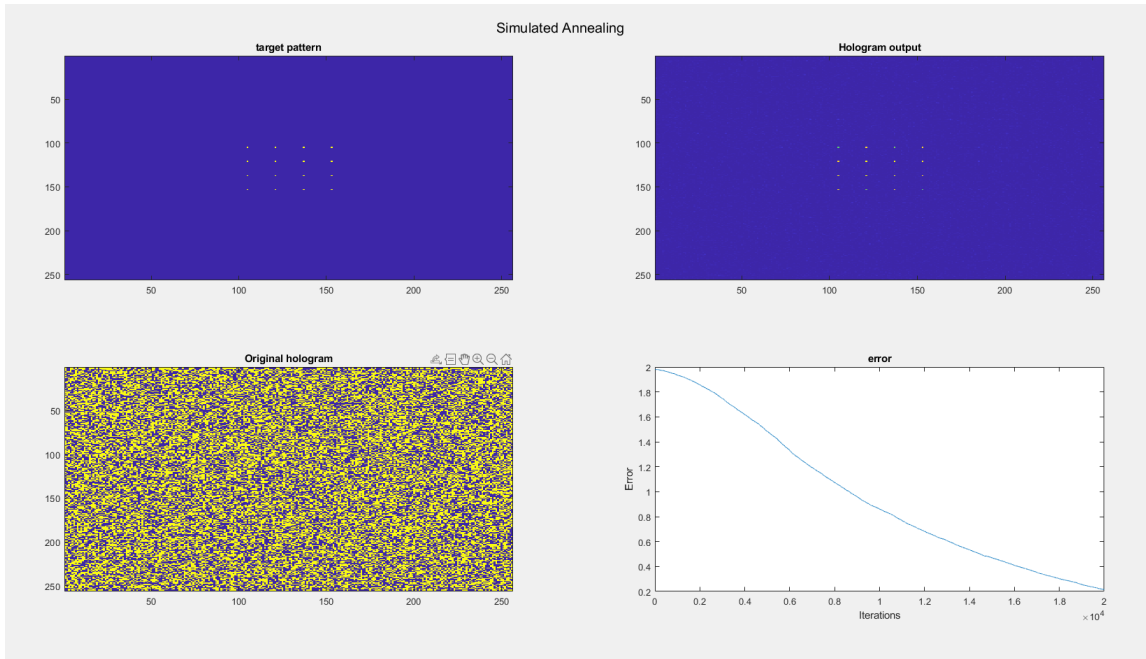
Figure 2: Simulated Annealing algorithm to produce hologram of 4x4 array of 16 evenly spaced pixels following the same format as Figure 1
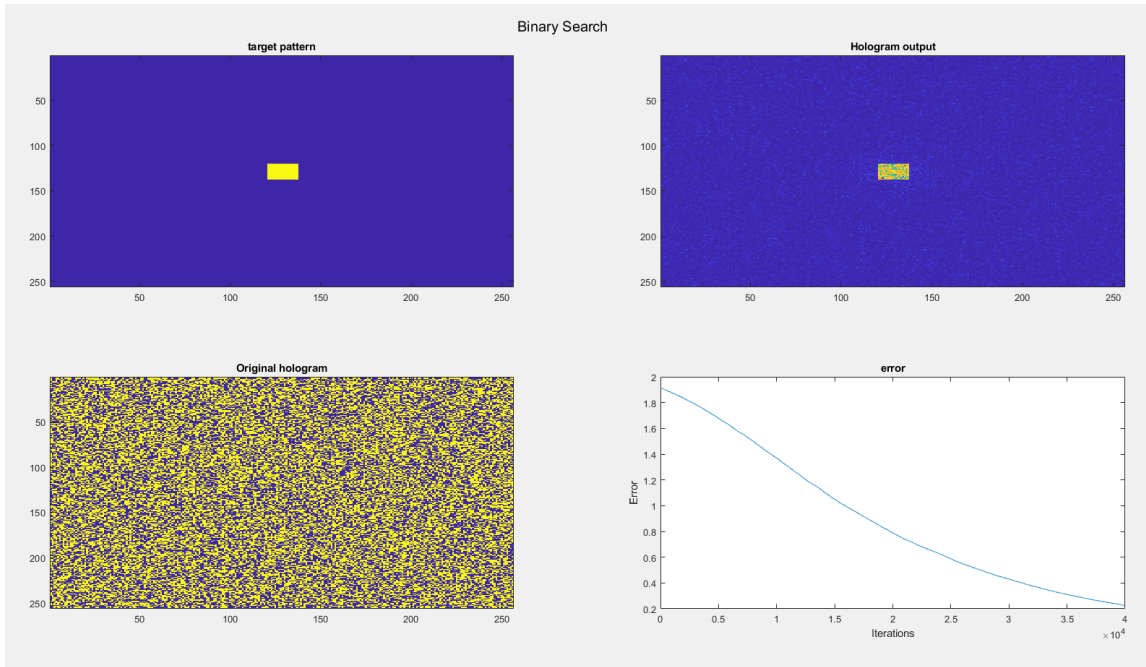
Figure 3: Binary Search Algorithm to produce hologram of 16x16 square array of pixels following the same format as Figure 1