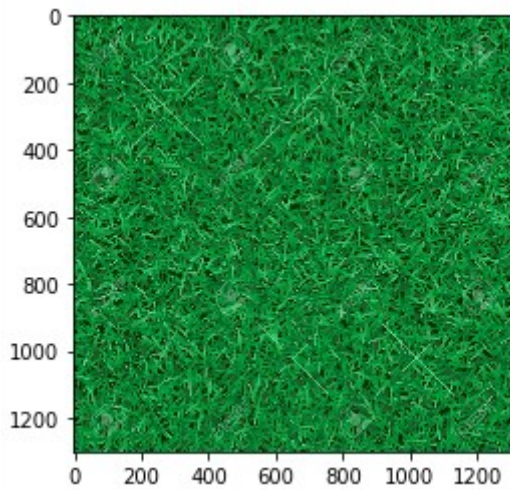


Project 2 : Image Quilting

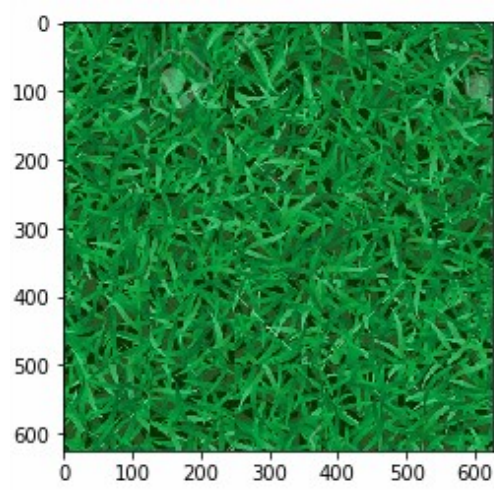
Image Quilting is the process of generating a visual appearance in which a new image is synthesized by stitching together small patches of existing images.

1. Randomly Sampled Texture

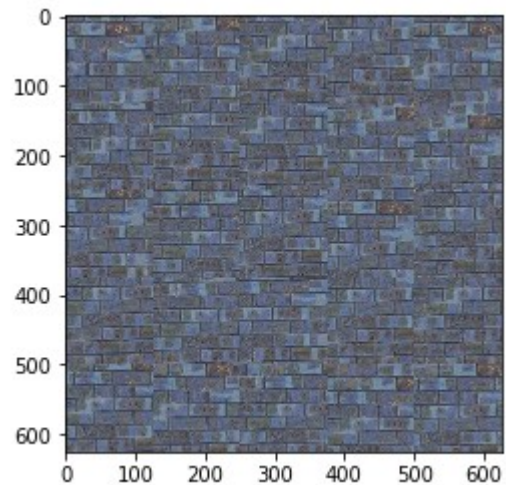
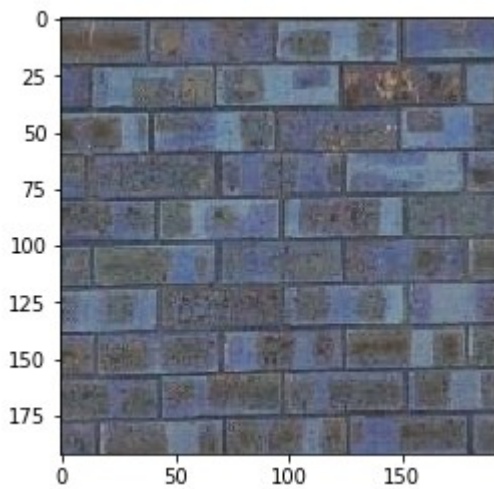
In this procedure we patch parts of the image of size “patch_size” and build a new image. Below is the original and patched image.



Original

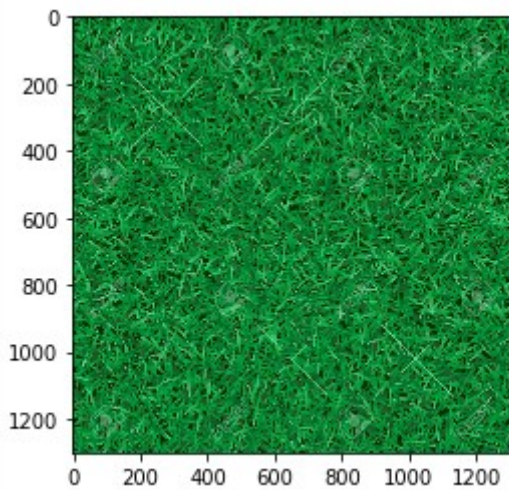


Random Cut

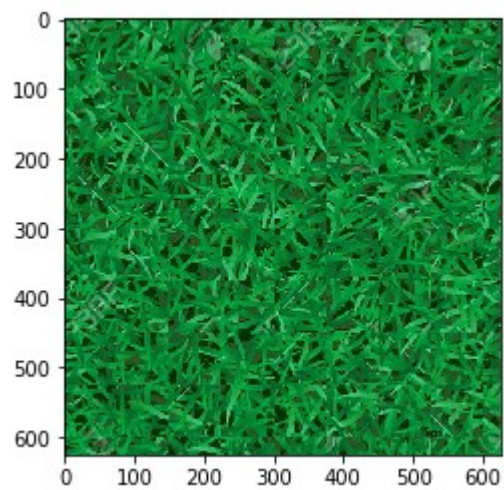


2. Overlapping Patches

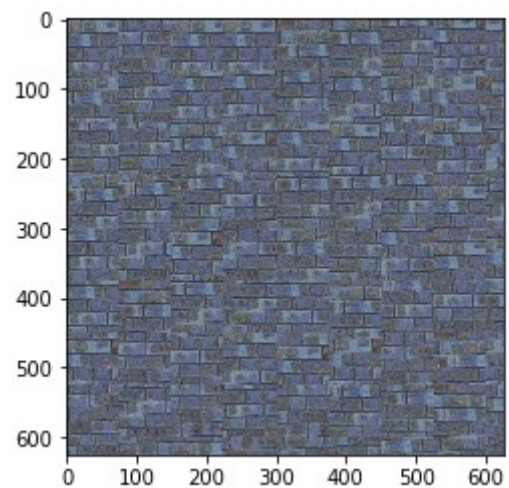
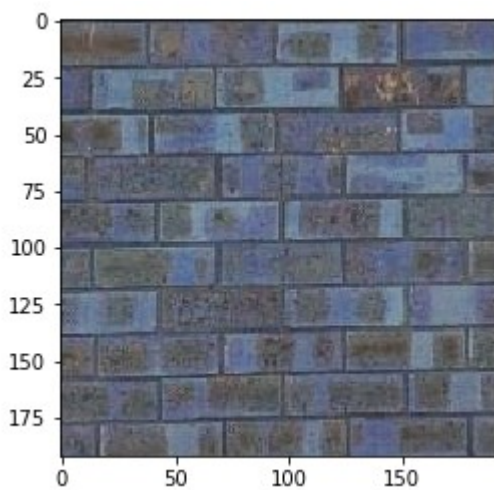
In this procedure we patch parts of the image of size “patch_size” but add overlapping blocks into the new image.



Original

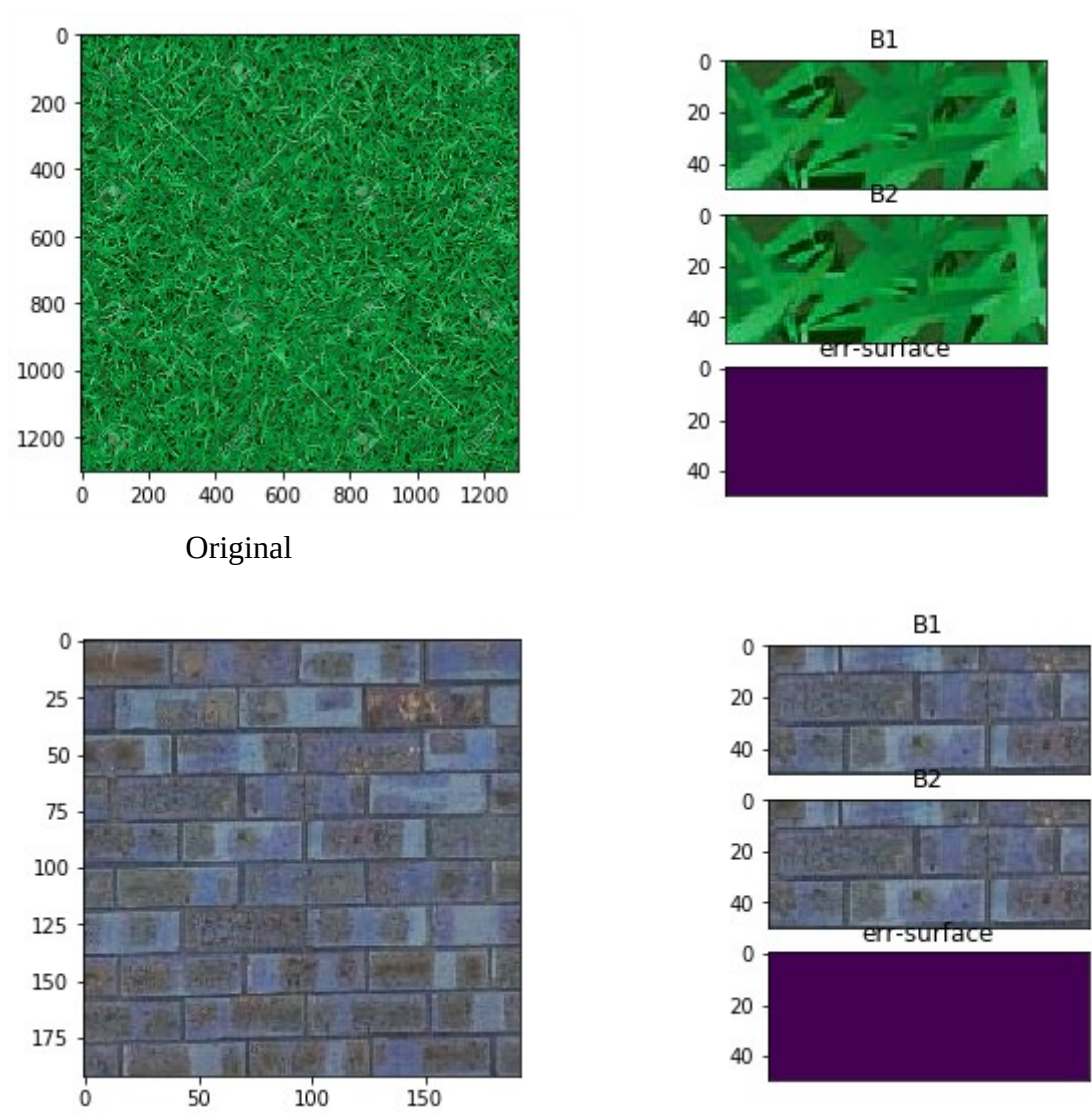


Overlapping Patches



3. Seam Finding

I am able to complete this task partially. Below is the original image and B1, B2 from section 2.1 of paper.



4. Final Results (Original, Random Cut, Quilt_simple in order)

