Part II - Problem 5 – Ravish Hastantram – CS 376 – Computer Vision – Problem Set 2

Image Credit: Personal collection

The white chairs are bound to be part of vertical seam.

Due to low gradient magnitude compared to the rest, it's removed, so the shape is distorted.

The algorithm doesn't seem to like gray hairs.

Failing Case
Failing Case

Distorted chair & background, lower gradient magnitude pixels removed.

Size of the flower vase retained.
Trees & branches removed

(Width - 320) pixels – Content Aware Resizing

(Width - 320) pixels – Normal resizing

Image credit: part of the test images for the assignment

Lowest gradient value in each row doesn’t ensure that it’s part of optimal seam path. Part of the ship is missing.

*Image credit: part of the test images for the assignment*