

# DIP Homework #1

**Due Date:** May 1 (Monday), 17:00

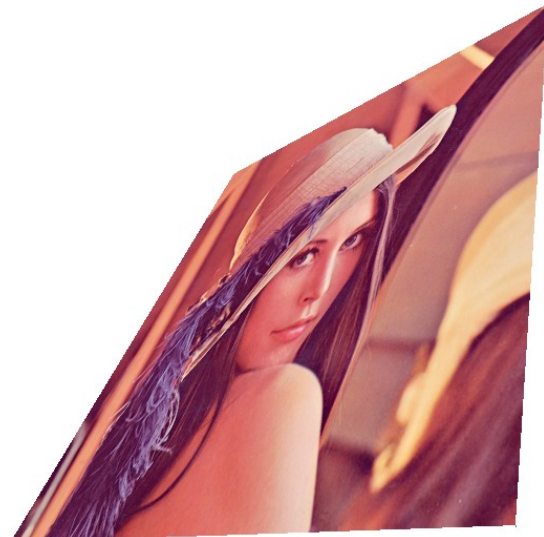
## **Problem 1** Adaptive Median Filtering

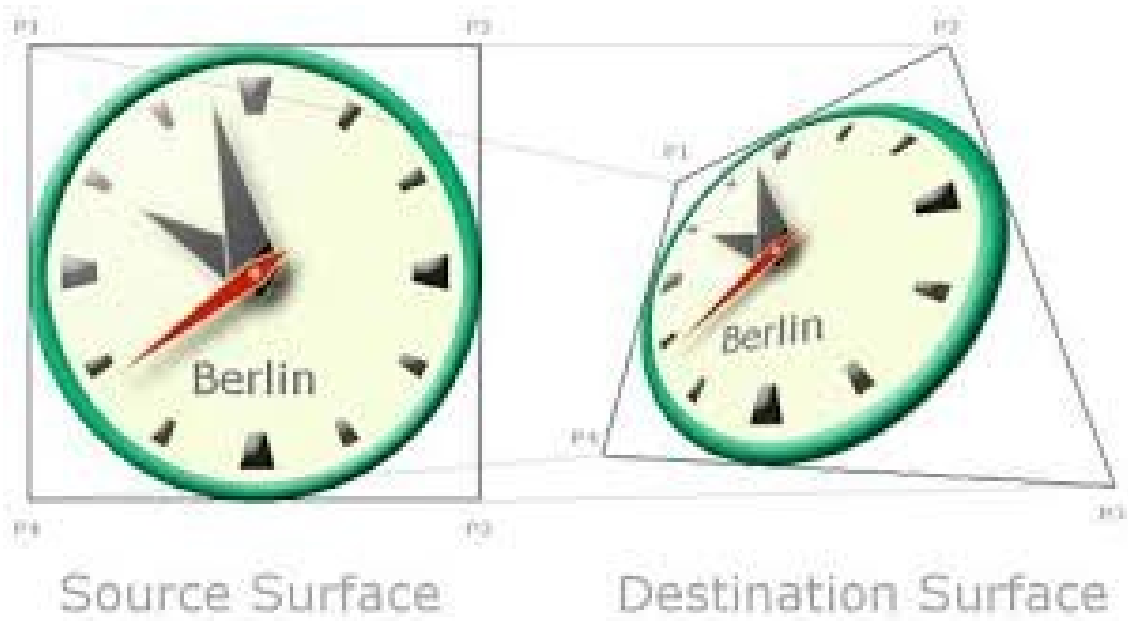
- **mask size:** 3 x 3 (min) up to 11 x 11 (max)
- **test image:** lena\_pepper\_and\_salt\_noise10%



## **Problem 2** Perspective Transformation

- **test image:** lena\_std





### Problem 3 Canny Edge Detection

- **test image:** lighthouse
- Specify the values of the parameters, including  $T_L$ ,  $T_H$ , and  $\sigma$ .

