

# Image Signal Processing

## Lab-1

### Geometric Transforms

1. Translate the given image (`lena_translate.png`) by  $(t_x = 3.75, t_y = 4.3)$  pixels.
2. Rotate the given image (`pisa_rotate.png`) about the image centre, so as to straighten the Pisa tower.
3. Scale the given image (`cells_scale.png`) by 0.8 and 1.3 factors.

NOTE : Use bilinear interpolation during target-to-source mapping.