

## Digital Image Processing

### Lab Assignment - 3

1. Apply the vertical and horizontal sobel filters on 'image1.jpg' and display the output. Also compute the magnitude and orientation and display the results. To display the outcome of the orientation output, convert the orientation values to the range of 0-255. Also, apply different thresholds over the magnitude values to get the segmented results.
2. Compute LBP response from the given image 'img2.jpg'.

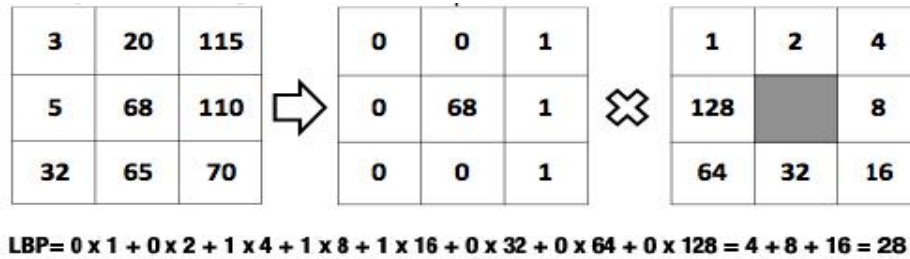


Fig. 1. Sample LBP Computation.