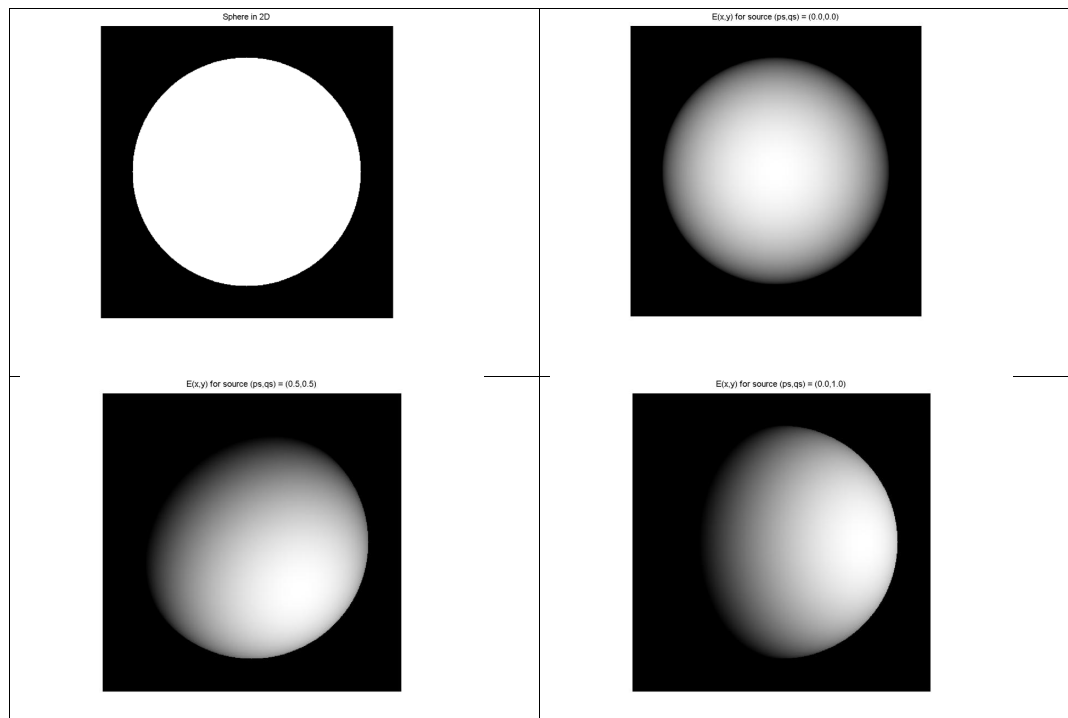


IIIT Vadodara  
Autumn 2018-19  
CS405/CS803 Computer Vision  
Lab #5: Shape from Shading (SFS)

Q. 1: Given different source positions, find resulting images of a given sphere.  
Use the corresponding class notes.

Hint: Assume different source positions and find the resulting image of a given sphere. Assume different source positions as  $(p_s, q_s) = (0,0)$ ,  $(0.5,0.5)$ , and more in the image coordinate system.

**Expected outcome:**



Q. 2: SFS: Estimate reflectance map  $R(p, q)$ , i.e., surface gradient matrices  $p$  and  $q$ , for the images generated in Q.1.