

IIIT Vadodara  
Autumn 2018-19  
CS405/CS803 Computer Vision  
Lab#6: Depth Finding - Calculus of Variation (COV)

- Q. 1: Find the depth maps of the images generated for the Shape from Shading (SFS) lab problem. Use the  $p$  and  $q$  matrices which are estimated in the SFS problem and apply the COV approach (Euler equation for the depth) as discussed in the class to estimate the depths at each point the Sphere scene. Carry out the process for different source positions and plot the corresponding depth maps.