

COL781: Computer Graphics

Assignment 1

Suyash Agrawal (2015CS10262)

Aman Agrawal (2015CS10210)

March 12, 2019

1 Introduction

In this assignment we implement a ray-tracing module. It works by following recursive ray tracing principles as defined in the literature (please increase your knowledge first before reading the report, if you don't know about it)

2 Ray Tracing

References

- [1] Winnemller, H., Kyprianidis, J. and Olsen, S. *XDoG: An eXtended difference-of-Gaussians compendium including advanced image stylization..* Computers & Graphics, 36(6), pp.740-753..