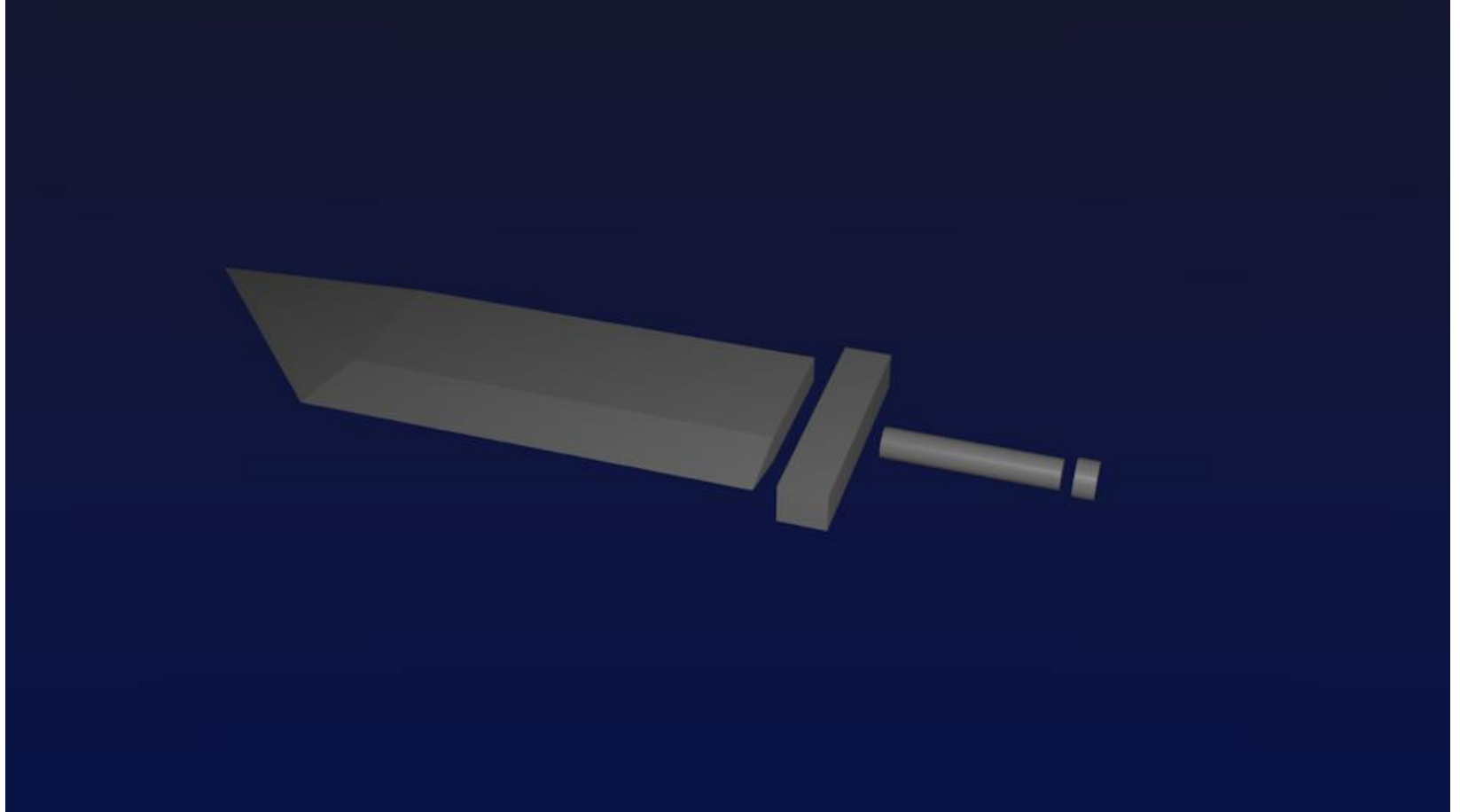


CS488 – Final Project

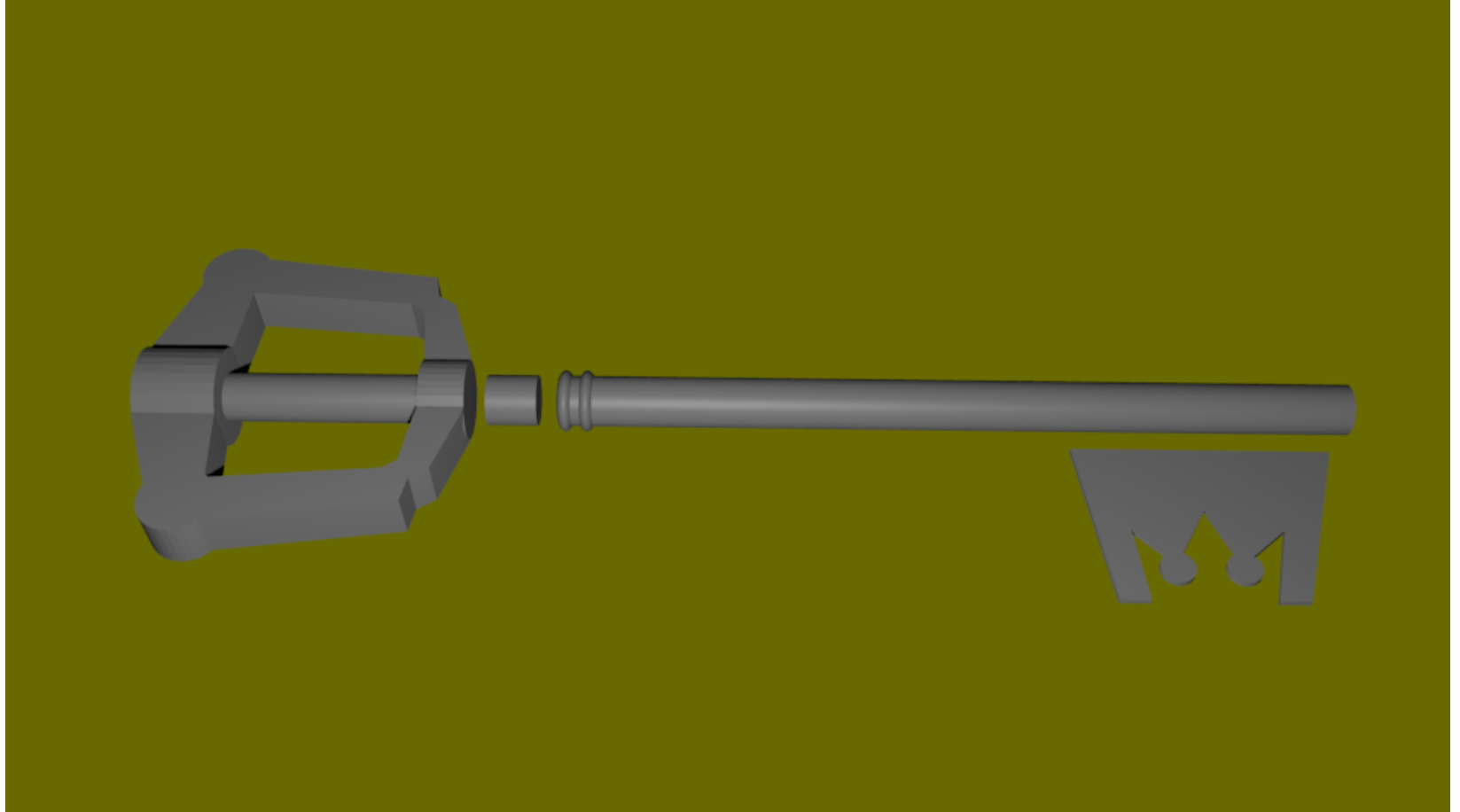
Hao Pan

20618961

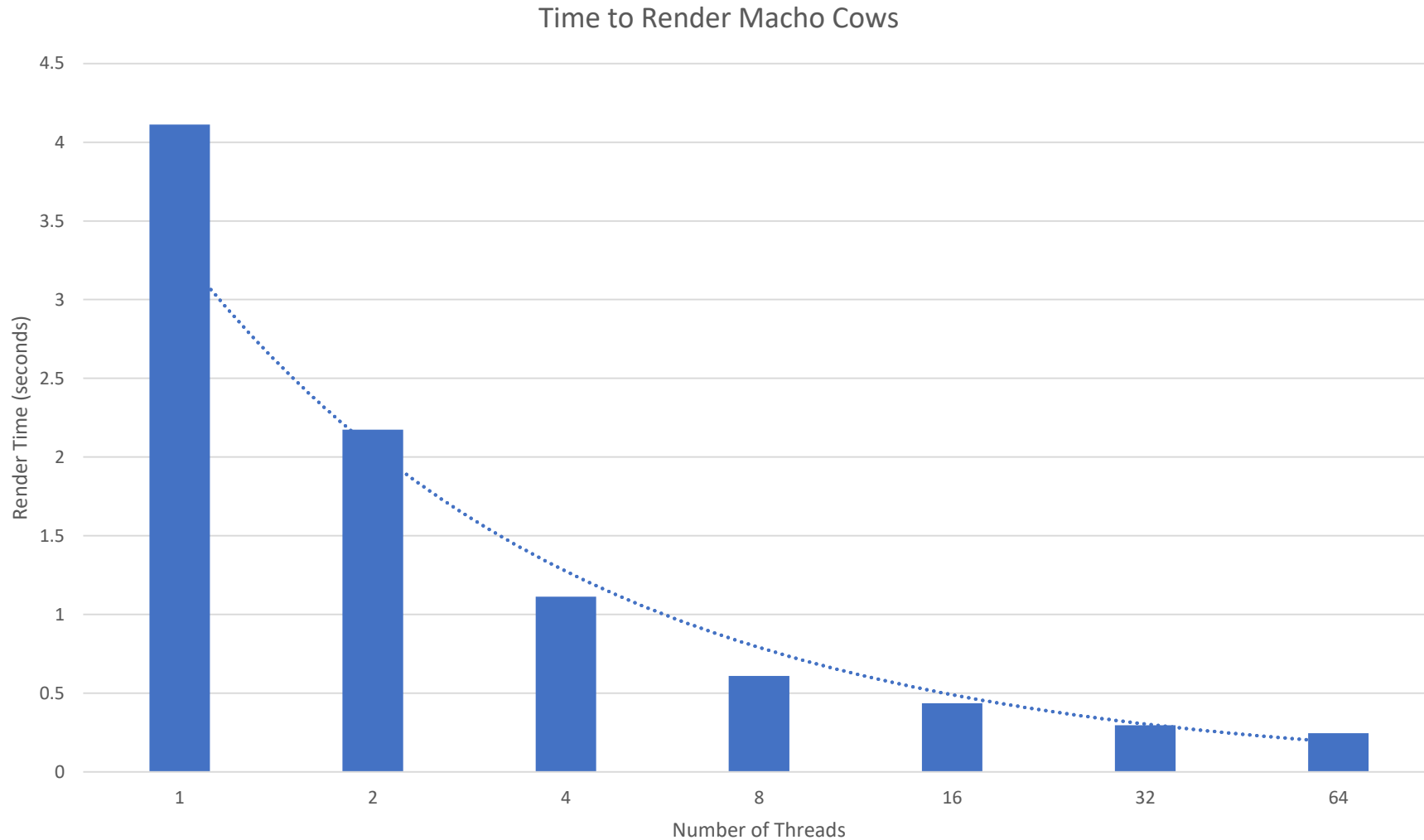
1. Modelling



1. Modelling



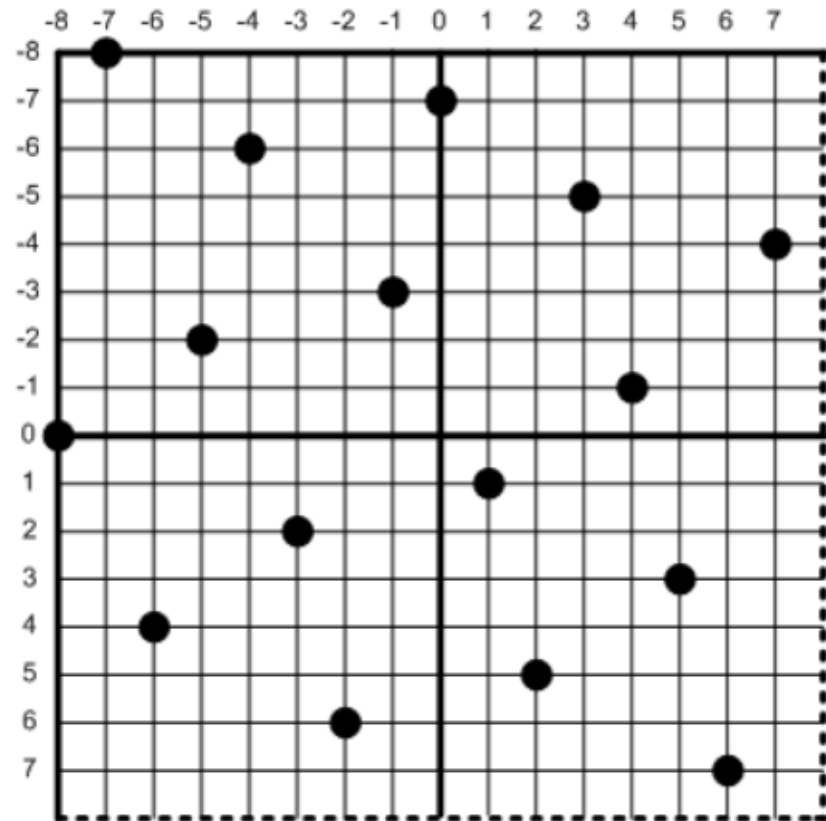
2. Multithreading



Computer used: Intel Xeon E5-2697A v4 (64 threads)

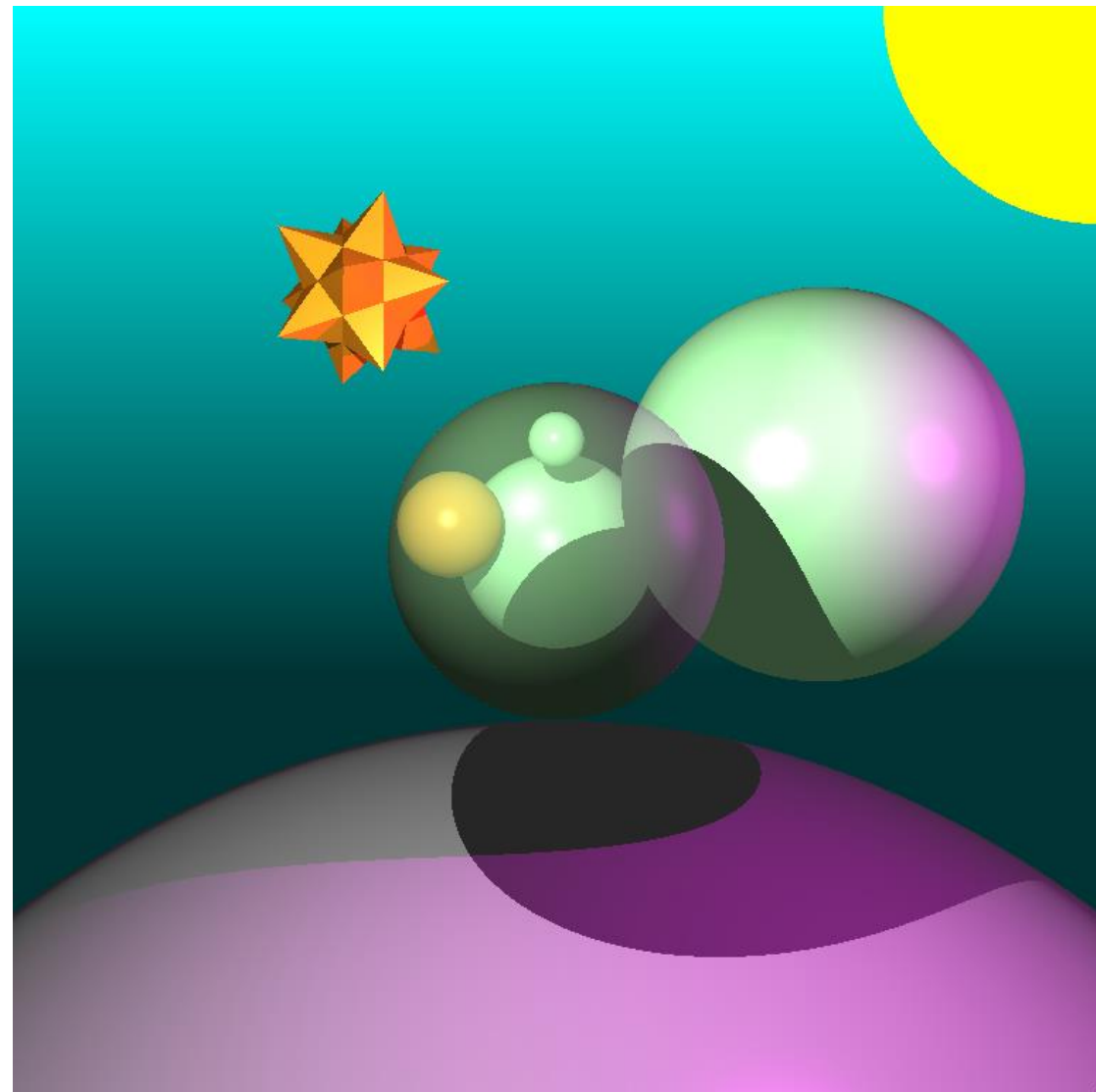
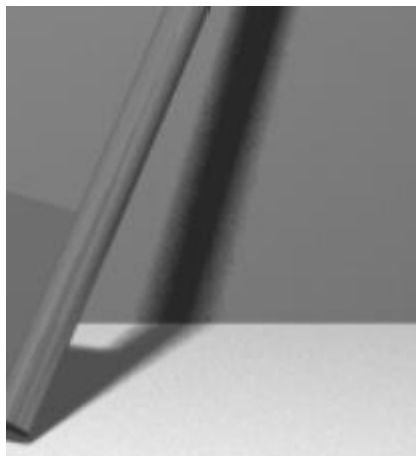
3. Adaptive Anti-Aliasing

Standard 16 Sample Pattern

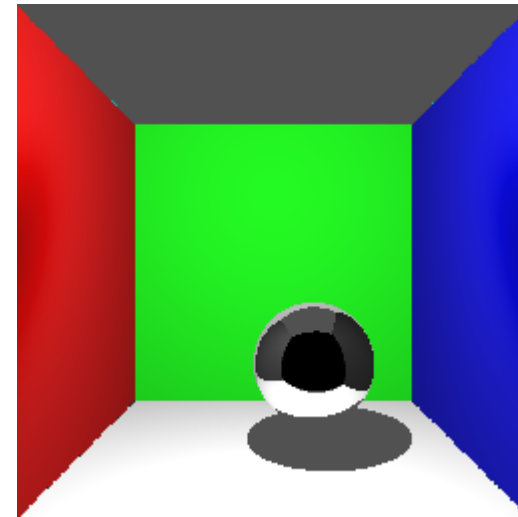
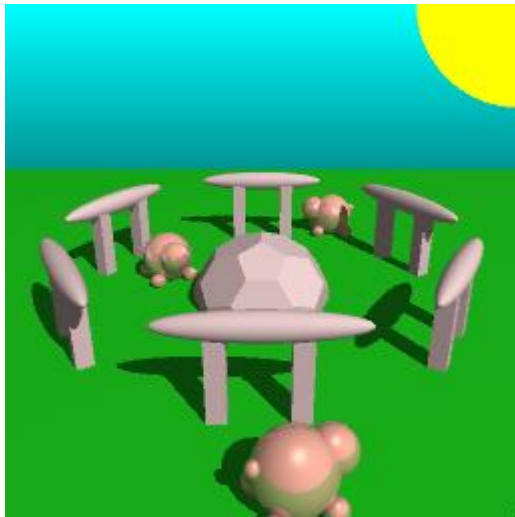


● { (1,1), (-1,-3), (-3,2), (4,-1),
(-5,-2), (2,5), (5,3), (3,-5),
(-2,6), (0,-7), (-4,-6), (-6,4),
(-8,0), (7,-4), (6,7), (-7,-8) }

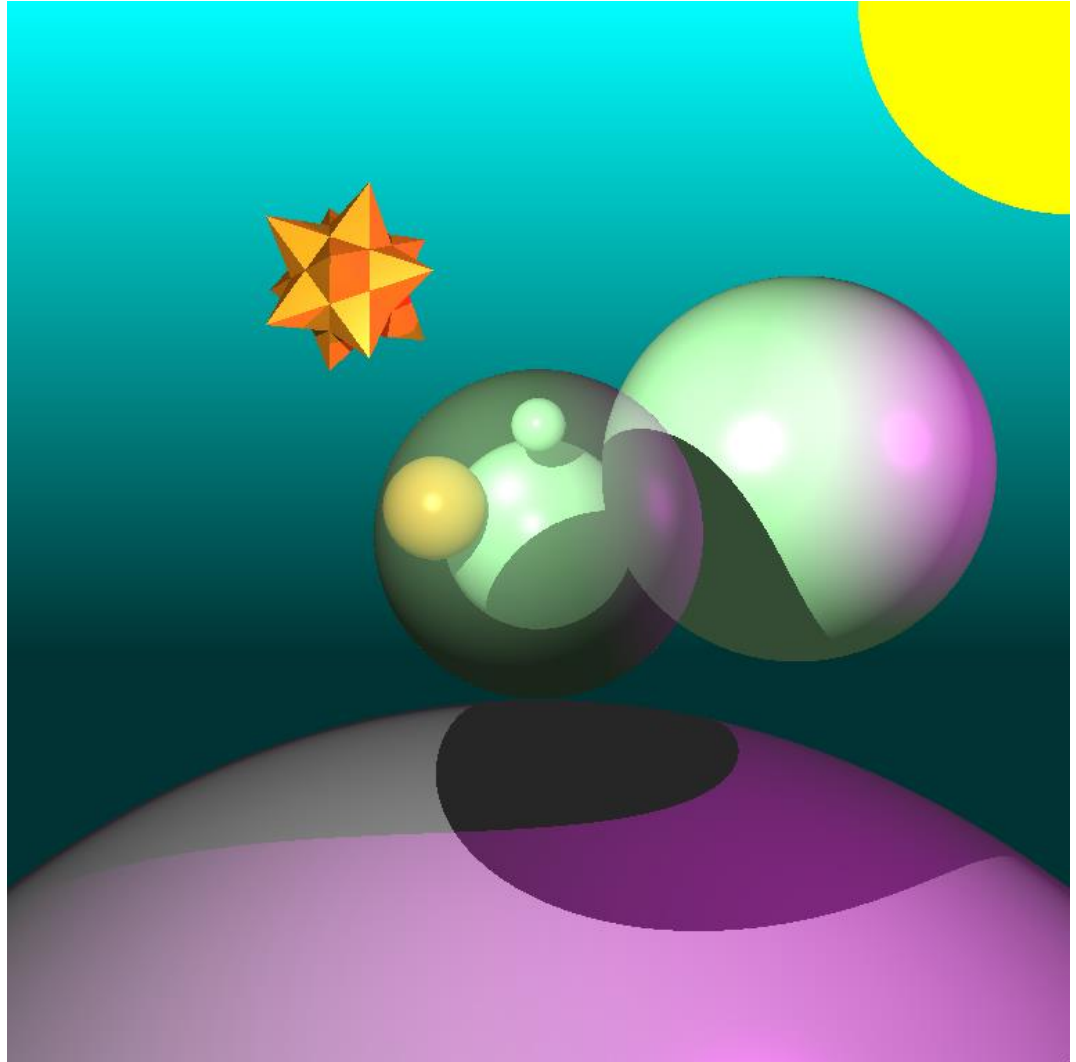
4. Soft Shadows



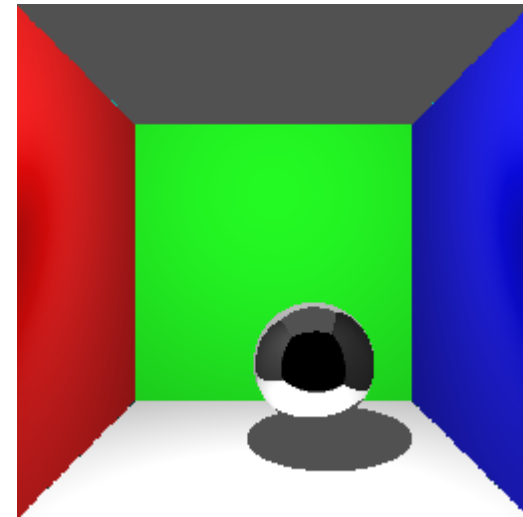
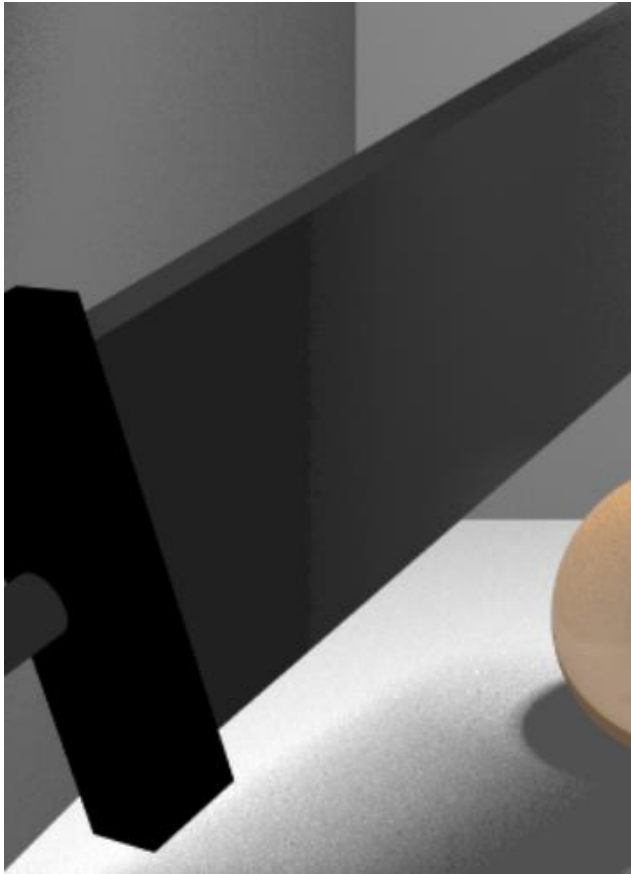
5. Reflection



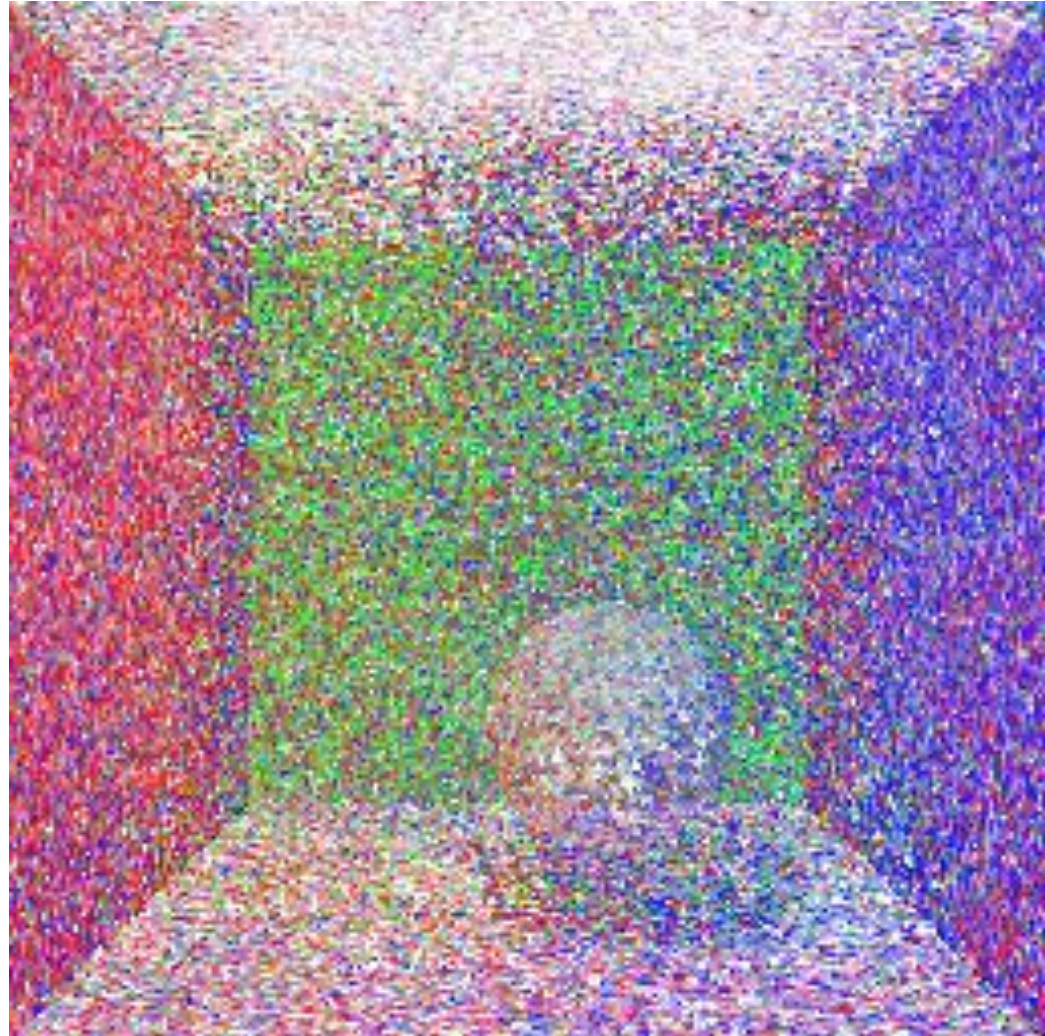
6. Refraction



7. Gloss & Metallic Reflection



8. Photon Mapping - First Pass



10. Final Scene

