

Project #2 CS 557

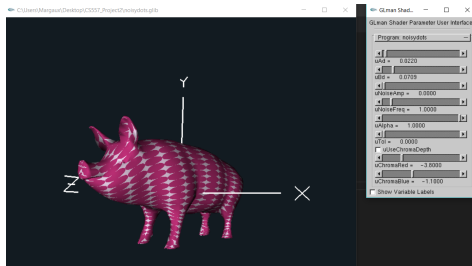
Noisy Elliptical Dots

Margaux Masson

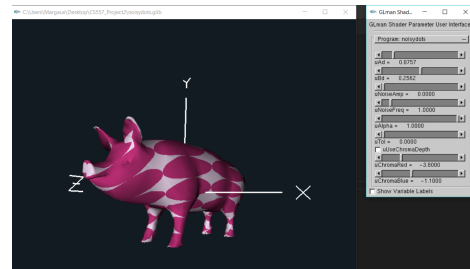
massonm@oregonstate.edu

video's link: https://media.oregonstate.edu/media/t/0_4n4voijk

Ellipse diameters for s and t

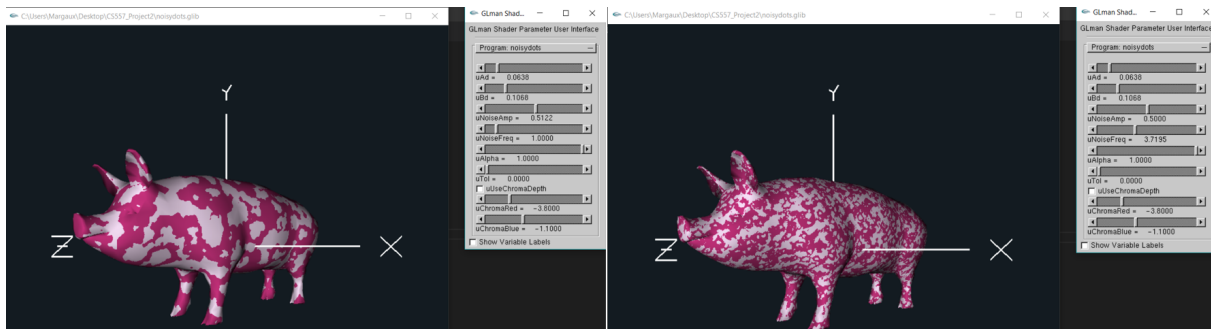


Small uAd

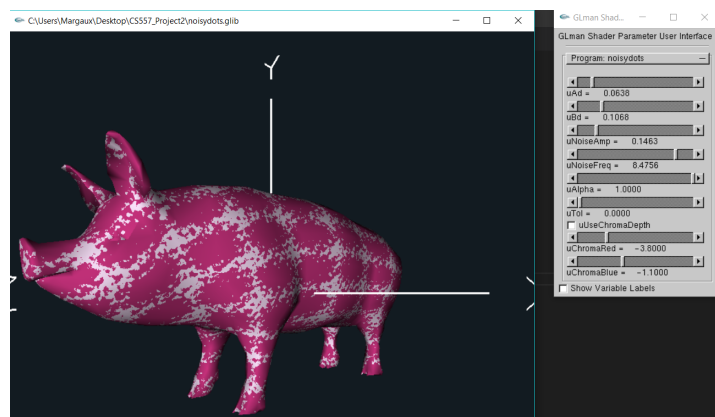


Big uBd

Noise

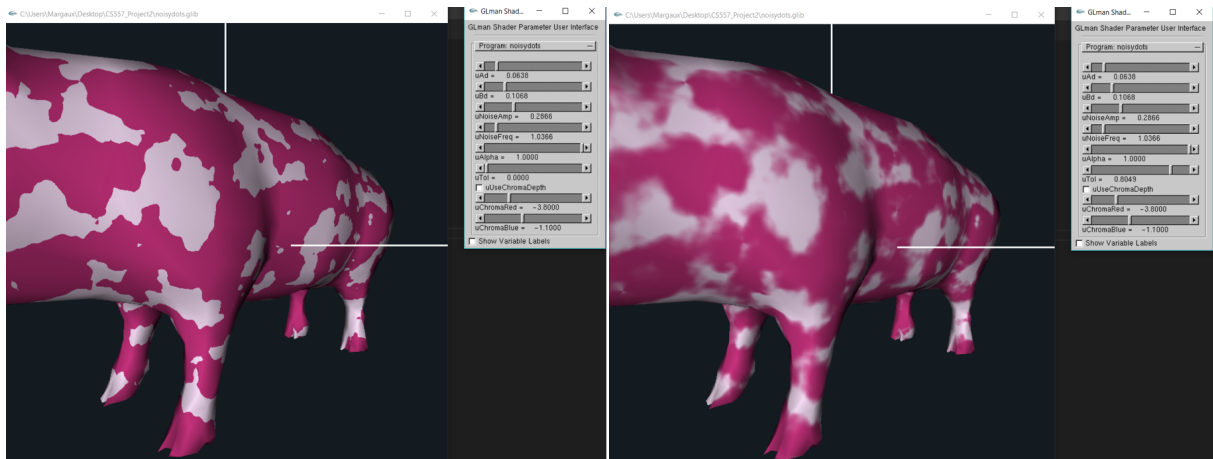


Same noise amplitude with different noise frequency



Small noise amplitude and high noise frequency creates noisy elliptical dots

Blending

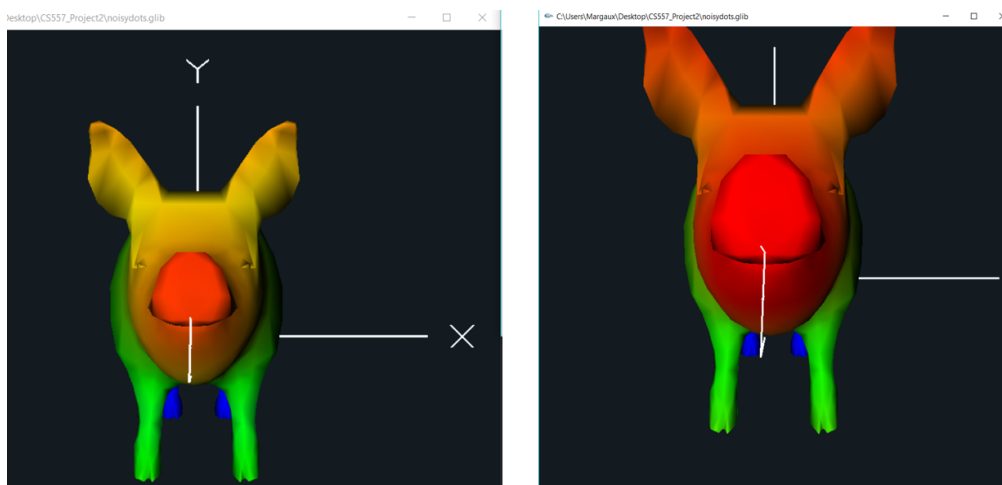
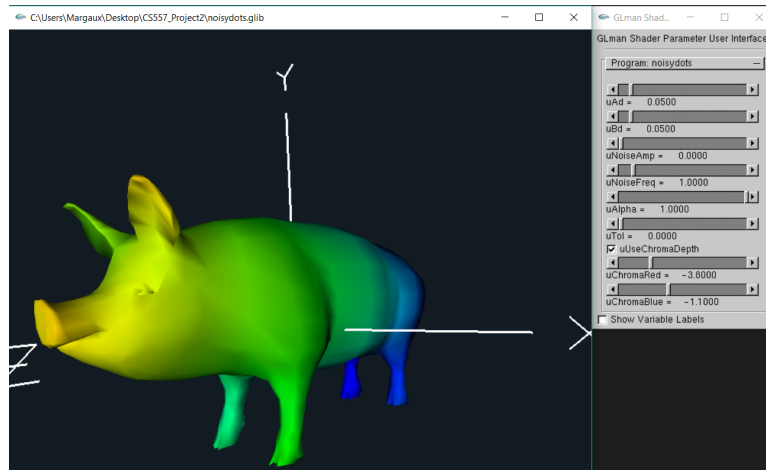


Non-ellipse areas opacity: uAlpha



ChromaDepth:

Colors the scene by eye coordinate depth: Red in the front, Blue in the back, and Green in the middle.



When we go closer to the pig's nose, it becomes more red, and we can see that the back legs are blue because they are in the back.