

Written Problems

Please find written problems in docs/WrittenProblemsAS7.pdf

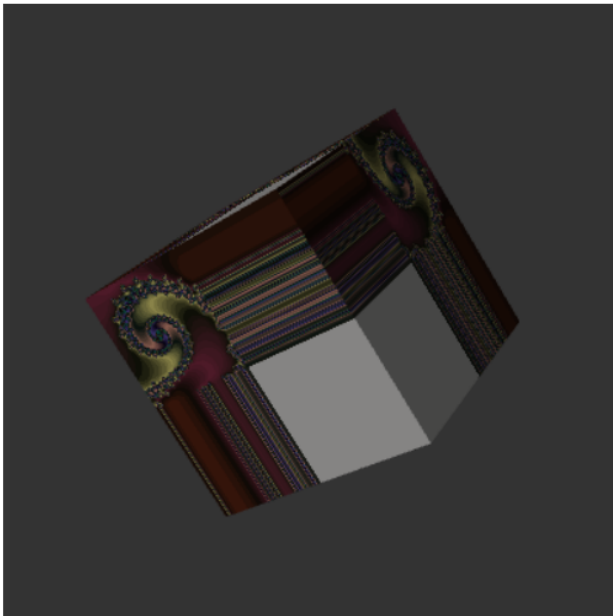
Reflection

Although the rest of my assignment works well, I am disappointed that my mipmaps section does not work and I am out of time to work on this coding section. Within my javascript code, there is my attempt at the mipmaps section, although it is commented out. When toggling mipmaps, I demonstrate that I can change the color channels within the image, however, I cannot actually make the manually set mipmaps work as expected.

Demo

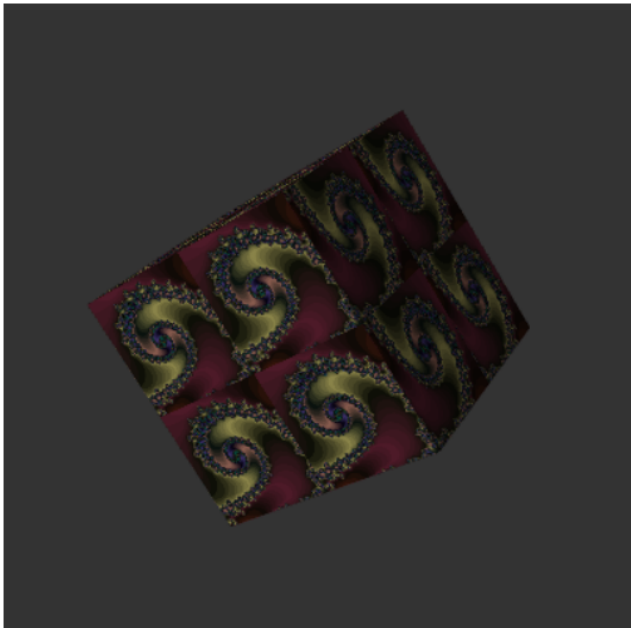
Tested in Google Chrome Version 93.0.4577.82.

Clamp to Edge



Turn left	Turn right	Turn up	Turn down
Zoom in	Zoom out	Pause Rotation	
Texture Coordinate		Repeat	Mirrored Repeat
Linear Toggle		Nearest Toggle	
Mip Map Toggle		Clamp To Edge	

Repeat



Turn left

Turn right

Turn up

Turn down

Zoom in

Zoom out

Pause Rotation

Texture Coordinate

Repeat

Mirrored Repeat

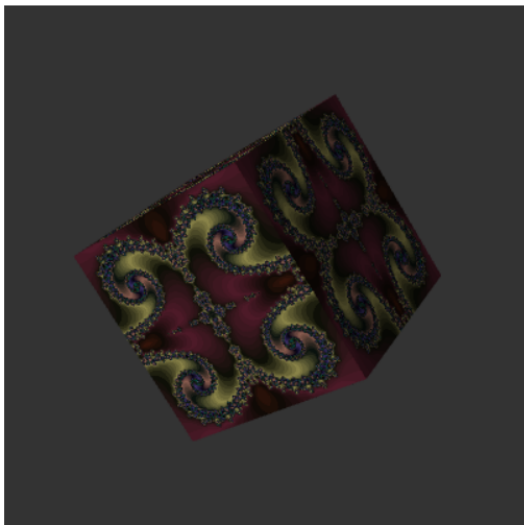
Clamp To Edge

Linear Toggle

Nearest Toggle

Mip Map Toggle

Mirrored Repeat



Turn left

Turn right

Turn up

Turn down

Zoom in

Zoom out

Pause Rotation

Texture Coordinate

Repeat

Mirrored Repeat

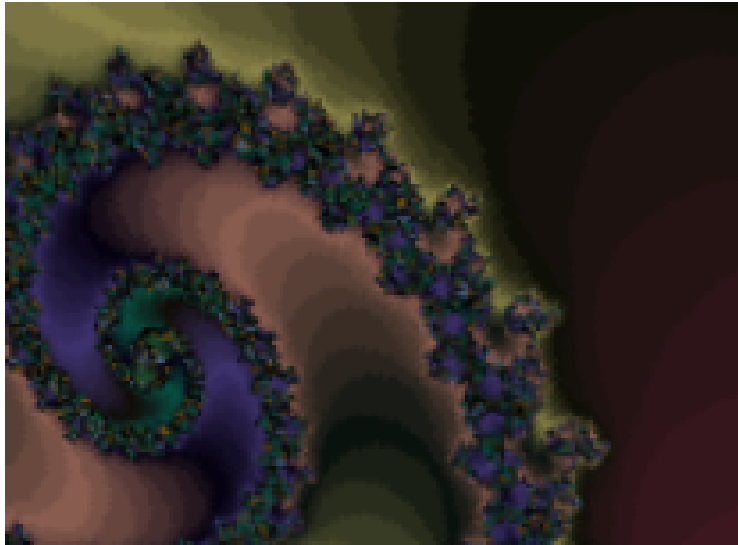
Clamp To Edge

Linear Toggle

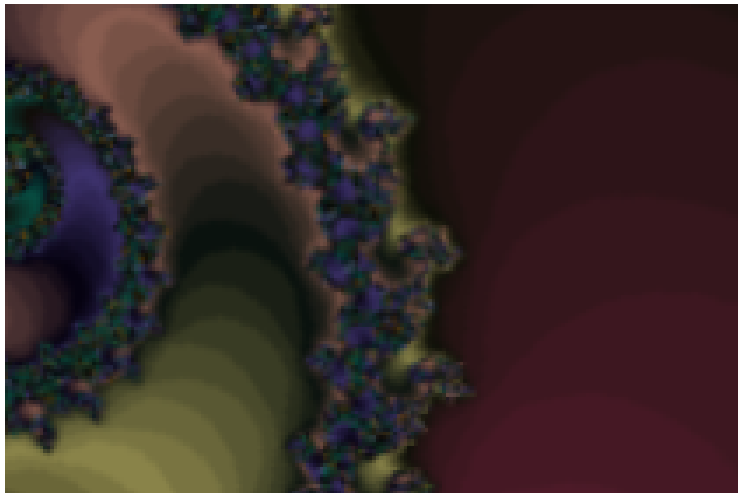
Nearest Toggle

Mip Map Toggle

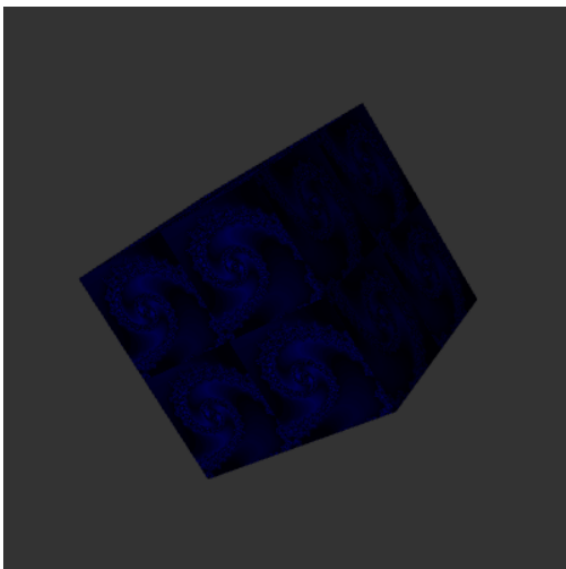
NEAREST



LINEAR



Toggle Excluding Red and Green Channels



Turn left

Turn right

Turn up

Turn down

Zoom in

Zoom out

Pause Rotation

Texture Coordinate

Repeat

Mirrored Repeat

Clamp To Edge

Linear Toggle

Nearest Toggle

Mip Map Toggle