

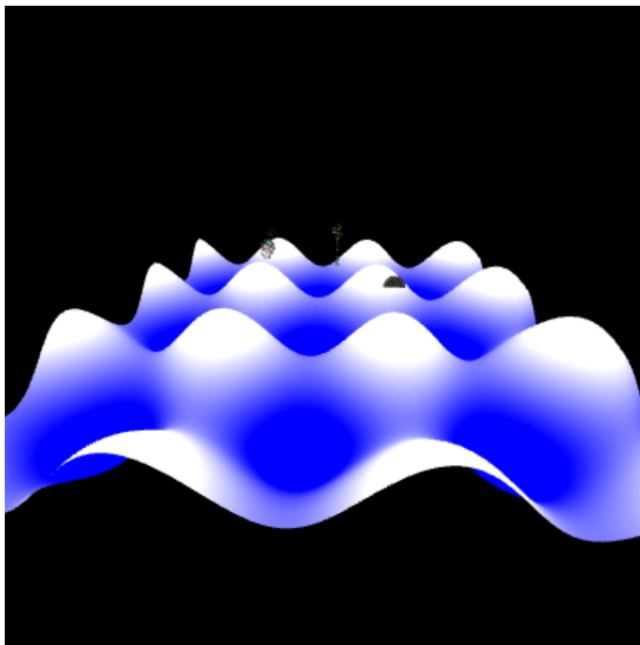
Title: Colorful Kitchenware x Blue Terrain

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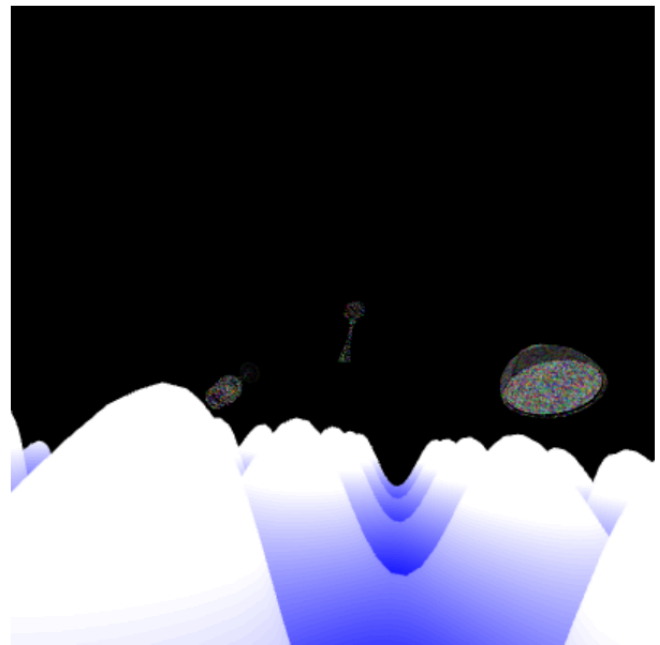
Description: My project shows three objects: a colorful wine glass, a colorful spoon, a colorful bowl, and a blue terrain. These kitchenware constantly rotates and interacts with the terrain by floating above and through it along a specific axis.

Images:



Regenerate Terrain Roughness:

Roughness: 20



Regenerate Terrain Roughness:

Roughness: 38

Files:

terrain\_demo.js - js file, which implements the majority of the project

terrain.js - js file, which implements the terrain mesh generation

terrain\_demo.html - HTML file which formats browser which shows project canvas

resources: contains obj files for meshes used in the project

lib: contains js files that provide functions for the terrain.js and terrain\_demo.js files

Instructions:

- Regenerate Terrain Button:  
Button to regenerate the terrain with the roughness specified with the slider

- Roughness Slider:  
Control terrain roughness for next generated terrain
- Controls for camera movement:  
WASD Up/Left/Down/Right, E to go forward, and Q to go backward
- Controls for camera rotation:  
Press: UpArrow/LeftArrow/DownArrow/RightArrow  
Rotate: Up/Left/Down/Right