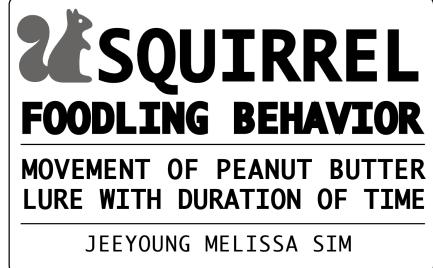


SENSOR



PROCESS



```
joyStick-IFTTT
void loop() {
buttonstate= digitalRead(buttonpin);

***** Reading sensor Data *****/
// Hvol = analogRead(A0);
// Hvol = analogRead(A1);
int vertical = analogRead(select); //read all values from the joystick
int horizontal = analogRead(A2); // 0-1023
int button = digitalRead(buttonpin);

Serial.print("Vertical: "); Serial.print(vertical, DEC);
Serial.print("Horizontal: "); Serial.print(horizontal, DEC);
Serial.print(" PIR State: "); Serial.print(buttonstate);
Serial.println();

if(buttonstate == 0){
    Serial.println(buttonstate);
    while(WiFi.status() != WL_CONNECTED) {
        Serial.print("Attempting to connect to SSID: ");
        Serial.print(ssid);
        // Connect to WiFi/ARD networks. Change this line if using open or WEP network:
        status = WiFi.begin(ssid, pass);
        // wait 10 seconds for connection
        uint8_t timeout = 10;
        while (timeout && (WiFi.status() != WL_CONNECTED)) {
            timeout--;
            delay(1000);
        }
    }
    Serial.println("Connected to wifi!");
    printWifiStatus();
    updateIFTTT(vertical, horizontal);
}

if (vertical > 500 && horizontal < 500) {
    Serial.println("Squirrel Detected");
    updateIFTTT(vertical, horizontal);
}
```



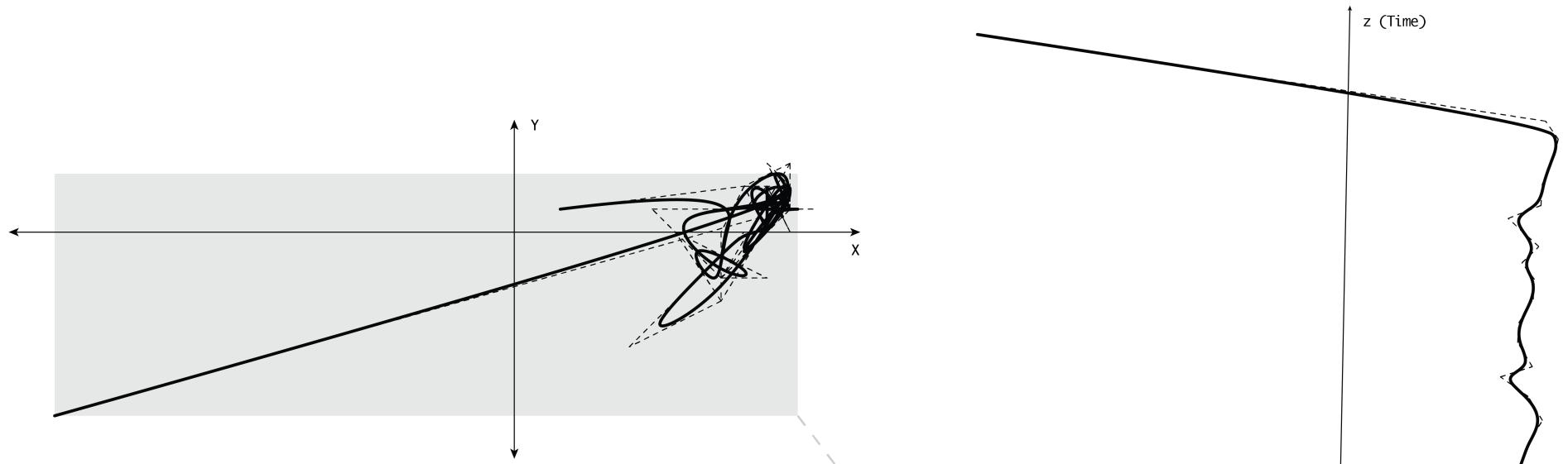
	WOOD									
1	November 3, 2016 at 10:29PM	wood	480	502	1	-28	-10			
2	November 3, 2016 at 10:29PM	wood	500	500	1	-29	-9			
3	November 3, 2016 at 10:29PM	wood	510	500	1	-4	-4			
4	November 3, 2016 at 10:29PM	wood	519	506	1	-4	-4			
5	November 3, 2016 at 10:29PM	wood	519	506	1	-4	-4			
6	November 3, 2016 at 10:29PM	wood	510	506	1	-2	-2			
7	November 3, 2016 at 10:29PM	wood	510	506	1	-2	-2			
8	November 3, 2016 at 10:29PM	wood	510	506	1	-2	-2			
9	November 3, 2016 at 10:29PM	wood	510	506	1	-2	-2			
10	November 3, 2016 at 10:29PM	wood	510	506	1	-2	-2			
11	November 3, 2016 at 10:29PM	wood	510	506	1	-2	-2			
12	November 3, 2016 at 10:29PM	wood	510	506	1	-2	-2			
13	November 3, 2016 at 10:29PM	wood	521	511	1	-1	-1			
14	November 3, 2016 at 10:29PM	wood	521	511	1	-1	-1			
15	November 3, 2016 at 10:29PM	wood	520	500	1	-4	-4			
16	November 3, 2016 at 10:29PM	wood	518	510	1	-2	-2			
17	November 3, 2016 at 10:29PM	wood	518	510	1	-2	-2			
18	November 3, 2016 at 10:29PM	wood	518	510	1	-2	-2			
19	November 3, 2016 at 10:29PM	wood	503	490	1	-29	-29			
20	November 3, 2016 at 10:29PM	wood	500	491	1	-29	-29			
21	November 3, 2016 at 10:29PM	wood	500	491	1	-29	-29			
22	November 3, 2016 at 10:29PM	wood	498	487	1	-14	-20			
23	November 3, 2016 at 10:29PM	wood	500	491	1	-29	-29			
24	November 3, 2016 at 10:29PM	wood	500	496	1	-29	-29			
25	November 3, 2016 at 10:29PM	wood	501	496	1	-29	-29			
26	November 3, 2016 at 10:29PM	wood	499	490	1	-13	-23			
27	November 3, 2016 at 10:29PM	wood	500	491	1	-29	-29			
28	November 3, 2016 at 10:29PM	wood	500	491	1	-29	-29			
29	November 3, 2016 at 10:29PM	wood	501	491	1	-29	-29			
30	November 3, 2016 at 10:29PM	wood	500	491	1	-29	-29			
31	November 3, 2016 at 10:29PM	wood	501	491	1	-29	-29			



SQUIRREL FOODLING BEHAVIOR

MOVEMENT OF PEANUT BUTTER
LURE WITH DURATION OF TIME

JEEYOUNG MELISSA SIM



2D: THE MOVEMENT OF LURE VIEWED FROM XY PLANE

IN X DIRECTION: - LEFT / + RIGHT

IN Y DIRECTION: - DOWN / + UP

+ TIME (DURATION)

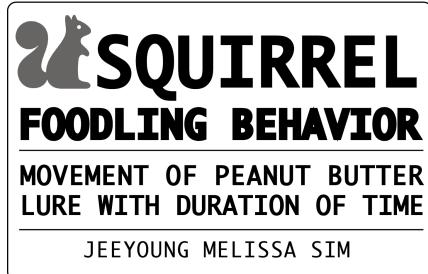


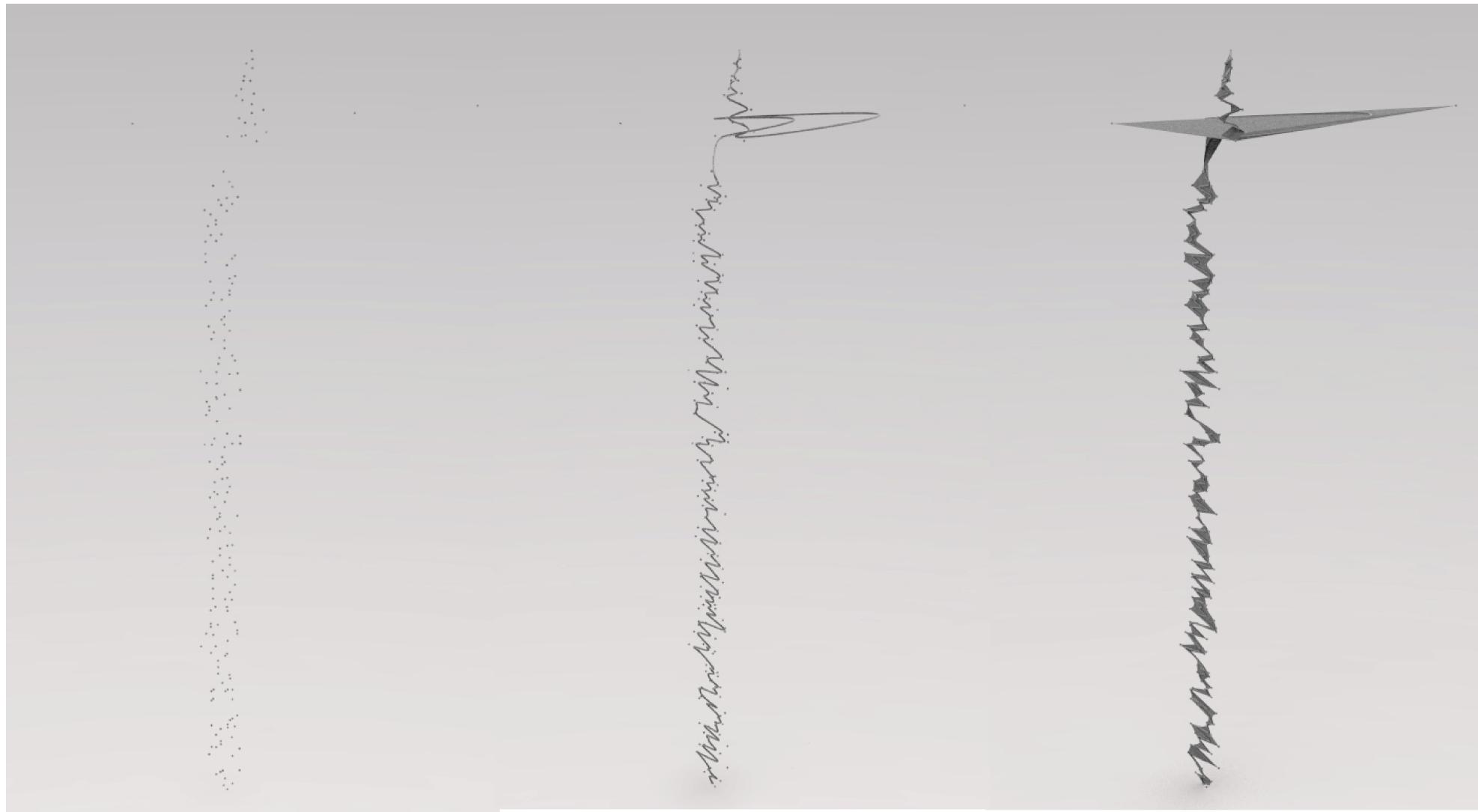
3D: THE MOVEMENT OF LURE ALONG THE TIME

IN X DIRECTION: - LEFT / + RIGHT

IN Y DIRECTION: - DOWN / + UP

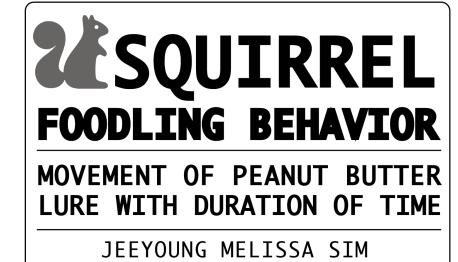
IN Z DIRECTION: + TIME (DURATION)





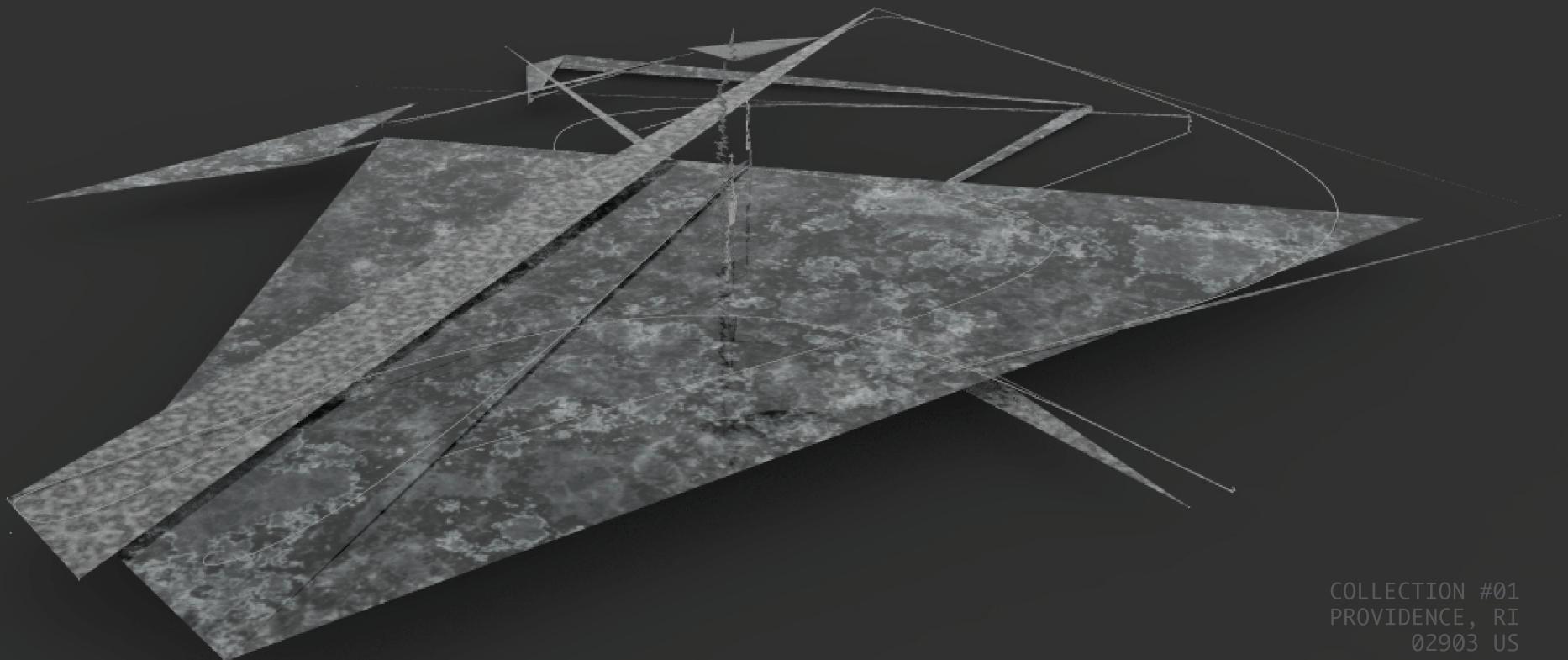
ANIMATION LAYERS: **DOTS → LINES → SURFACES**

increase of volume



“A CITY PET OR A LITTLE BANDIT?” OR OUR NEIGHBORS?

THE IMAGINATIVE MAP OF A CITY FROM THE SQUIRREL'S PERSPECTIVE



COLLECTION #01
PROVIDENCE, RI
02903 US