

ROBOT STRING DANCE

CONCEPT:

This program show the prototype of a robot dance show. The concept behind the program is, that robots are made by humans, therefore the robots movement is controlled by the string, and from that the name: "Robot string dance".

Github:

https://github.com/estermarieAA/3dgraphics/tree/master/Robot_show

Program:

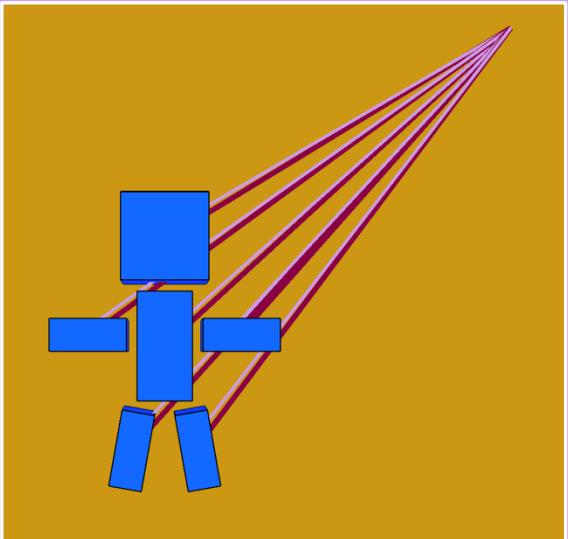
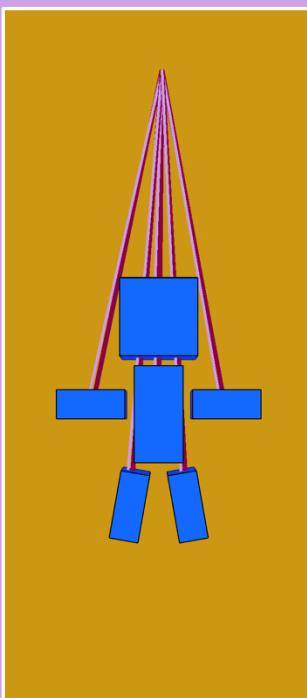
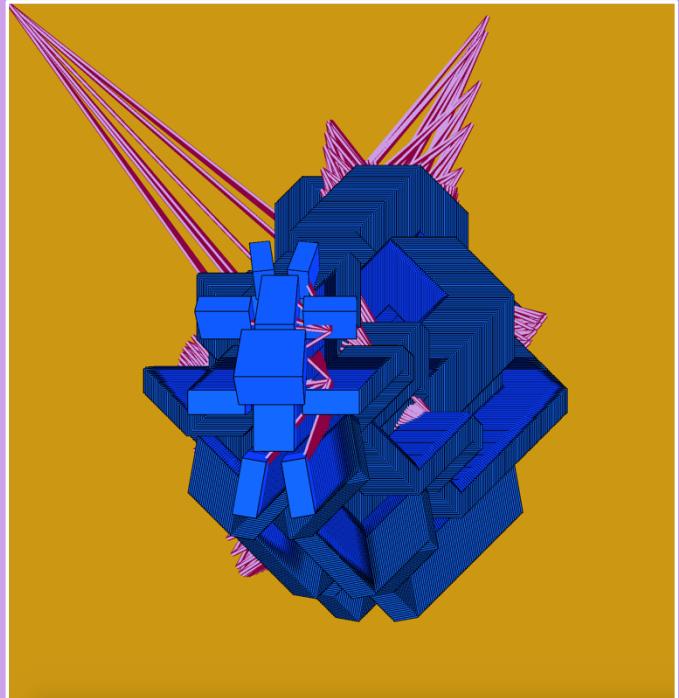
https://estermarieaa.github.io/3dgraphics/Robot_show

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PROGRAM GOAL:

The goal for this program was to experiment with vectors, and different vector maths in p5 js. Such as the examples below:

```
this.move=createVector( mouseX , mouseY,0);  
  
this.direction = createVector(this.d*2,this.ud*2,0);  
  
this.pos.add(this.direction);
```



CODE FUNCTIONALITY:

- Robot is created from a robotpart class, and consists of 5 different boxes.
- Movement of these boxes are controlled by the mouse position
- Strings/vectors are drawn from the center of each box, to the mouse position on the screen → strings symbolizes the control of the robot.
- Colors are picked so the movement of the robot generates a visual output.