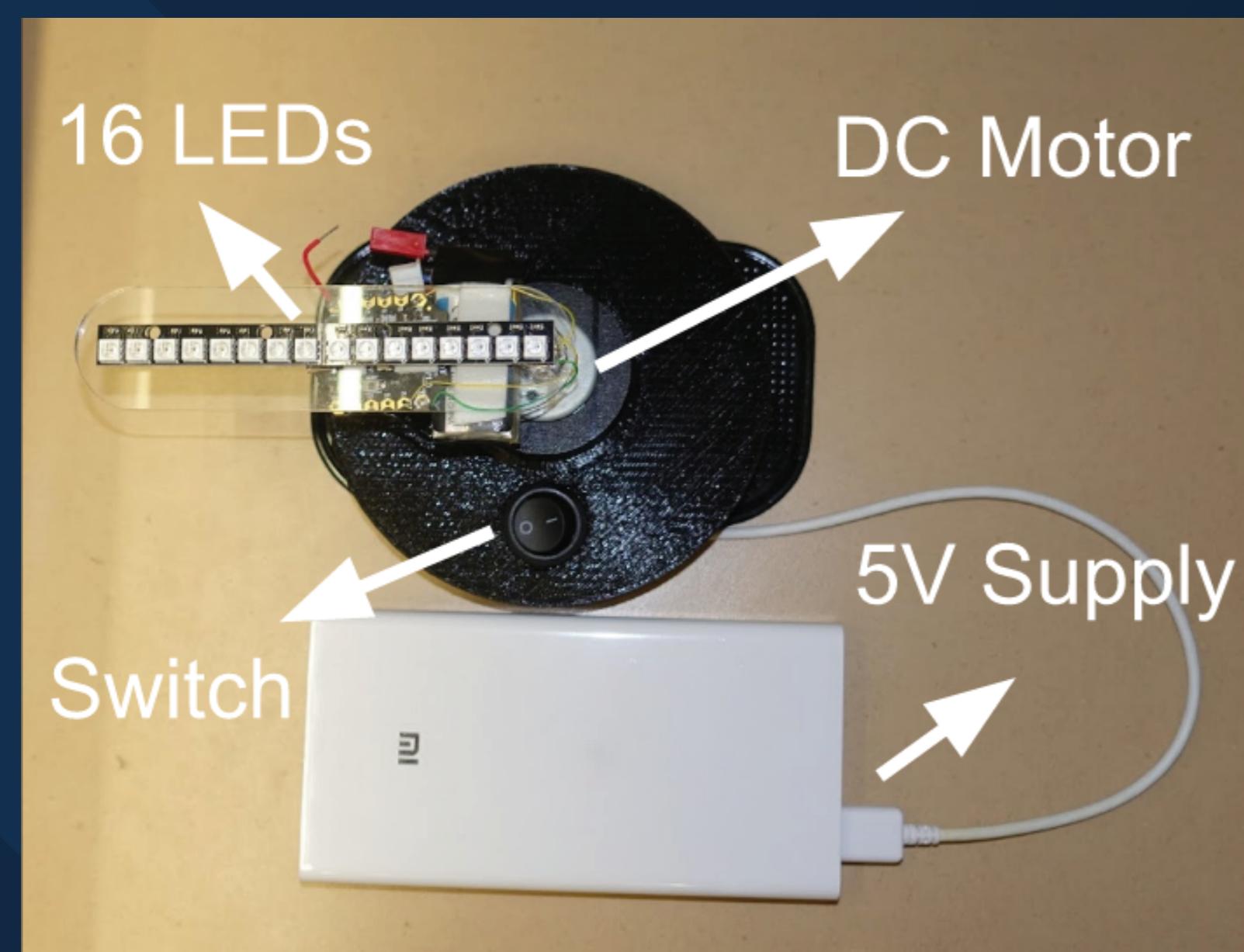


LED Spinning Display

Persistence of Vision Principle

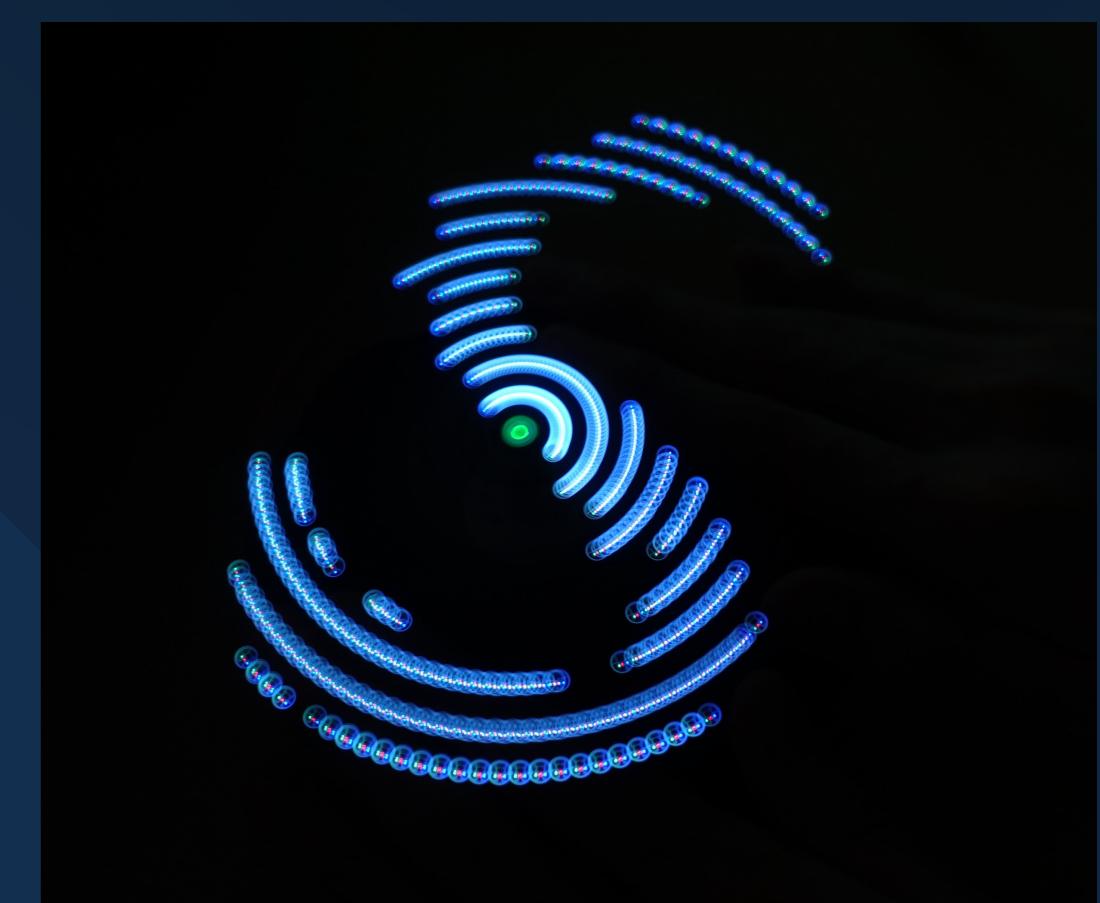
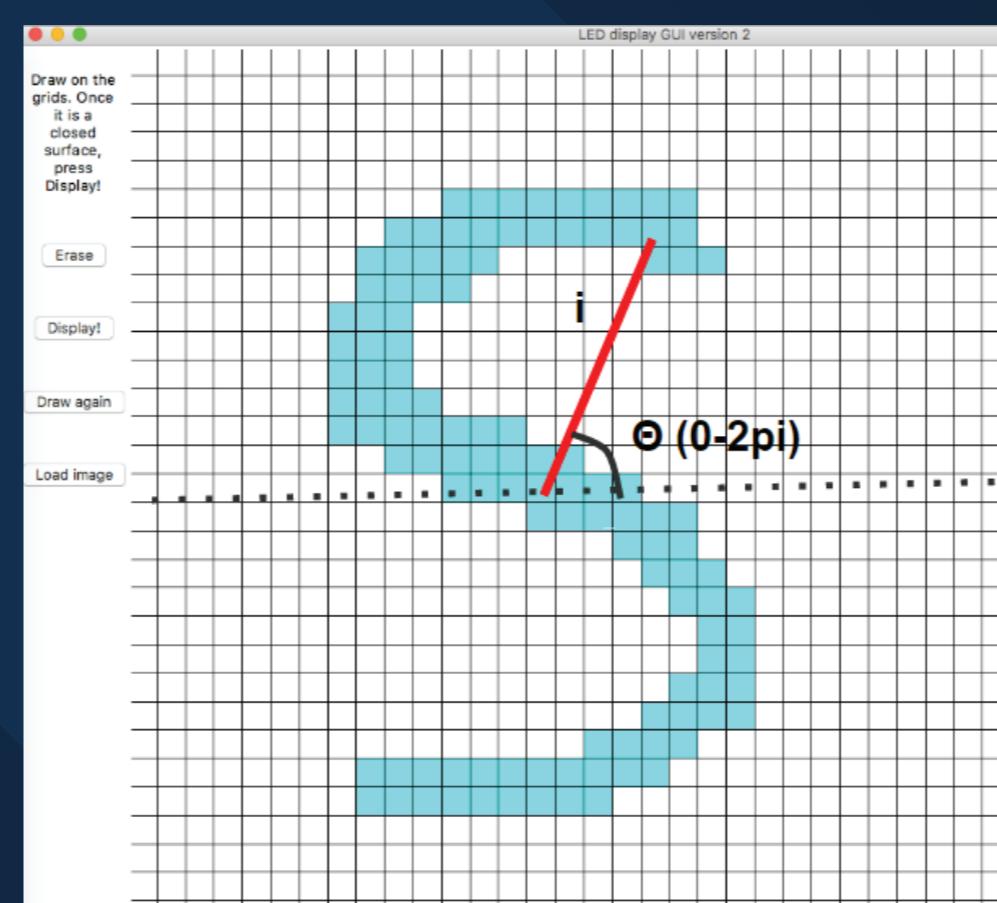
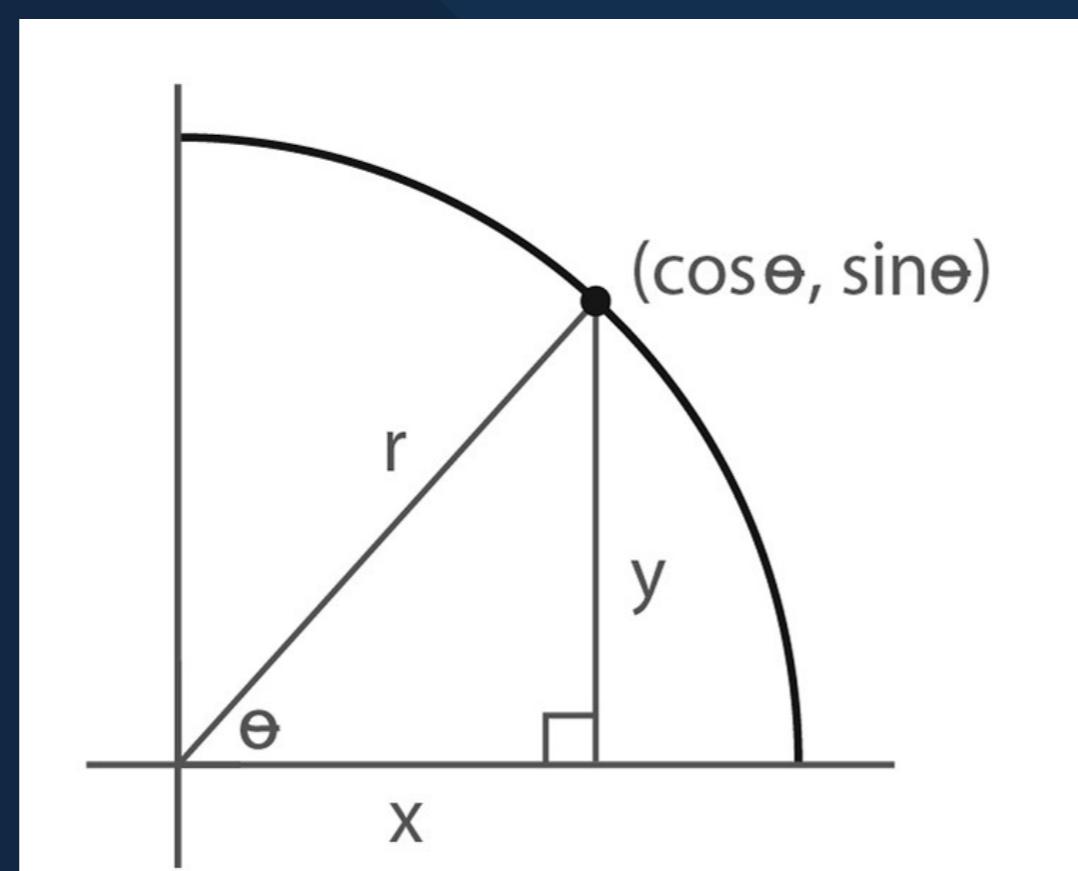
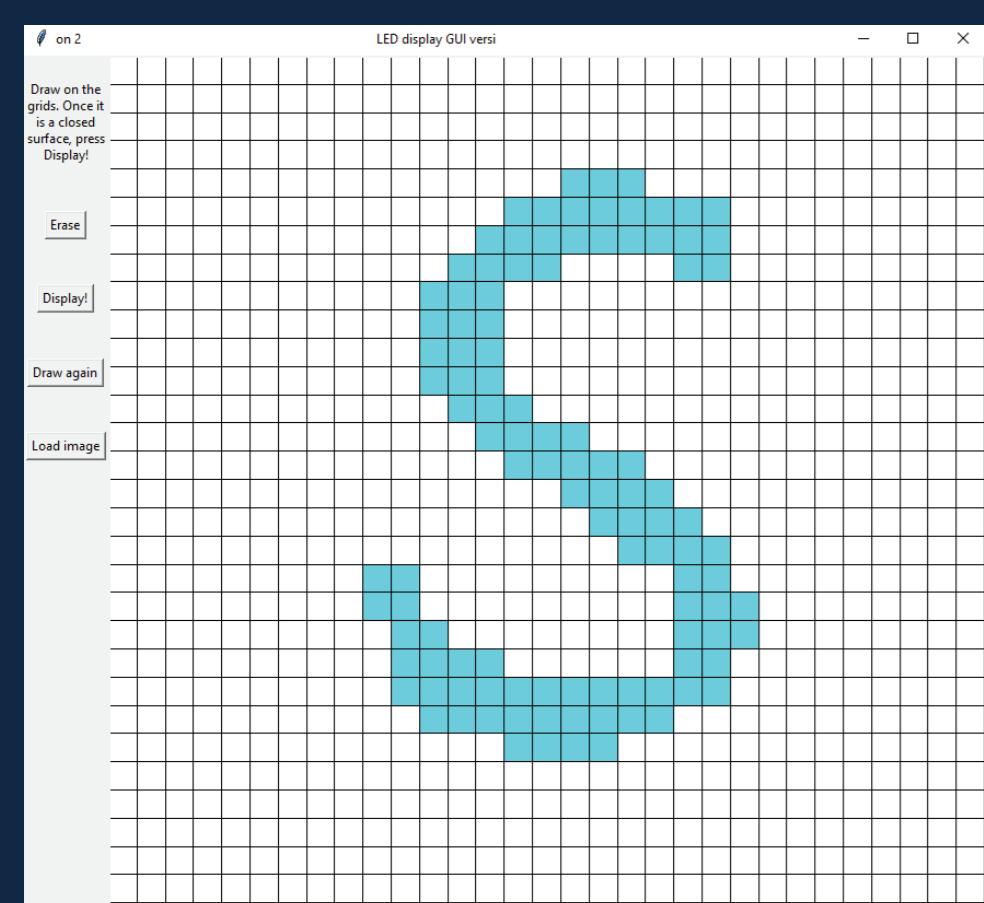
Persistence of vision theory states that the human eye always retains images for around 0.04 second. In film and video, this phenomena account for our ability to perceive a sequence of frames as a continuous moving picture.

Device Setup



- LED stick displays discrete frames with fixed interval.
- DC motor spins the LED stick with high rotational speed.
- Switch controls the spinning of motor.
- Display result is uploaded to controller from computer via USB.

How to display your own graph



Draw the shape on the user interface



Click "Display", and the slicing algorithm uploads result to LED



Image is displayed on the spinning LED