

Report

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WEEK 1 (12/12/22)

I have seen which stepper motors to use to make the movement of the mirrors. They are Nema 17, they are powered in 12V and need a driver to power them. This driver is connected in 5V to the arduino which can control the stepper motors. I was able to use the course code to test these motors. I realized that the motor was not turning, it was "vibrating", so I measured the impedance between each of the pastes of the motor and I concluded that they were not connected in the right direction which solved my problem. I ended up coding some functions to facilitate the use of the motors.