

## Useful Youtube links

Channel: EEEnthusiast

Video title: Ep. 57 Arduino Accelerometer & Gyroscope Tutorial MPU-6050 6DOF Module

Video link: <https://youtu.be/M9IZ5Qy5S2s>

Description: Lots of helpful details on using the MPU 6050 including accessing the chip directly (no need for extra library files)!

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Channel: DroneBot Workshop

Video title: Build an Electronic Level with MPU-6050 and Arduino

Video link: <https://youtu.be/XCyRXMvVSCw>

Description: Using the Arduino uno and MPU6050 to build a level. This was the basis of my project, but it needed improving!

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Channel: Paul McWhorter

Video title: 9-Axis IMU LESSON 6: Determine Tilt From 3-axis Accelerometer

Video link: <https://youtu.be/Ma09ilcVYgk>

Description: He uses a different module to the MPU6050 and is only interested in producing pan and tilt angles from the raw data. I used his calculations (which he explains really well) as the foundation of my angle calculations