

Homebrew Earthquake Surveys References

<https://www.oe3hbw.eu/Projects/Seismo/Seismo.htm>

06072021

<http://psn.quake.net/infoequip.html>

<http://rllinstruments.com/>

<http://physics.mercer.edu/petepag/sens.htm>

<http://physics.mercer.edu/petepag/tutorial.html>

<https://arxiv.org/html/physics/0508028>

<https://www.telatomic.com/all-produits/cavendish-balance>

<https://telatomic.squarespace.com/sdc-sensor>

<https://www.instructables.com/This-Seismometer-is-no-toy/>

<https://hackaday.io/project/163508-seismometer>

<https://hackaday.io/project/163508-seismometer/log/158710-sensor-design>

<https://hackaday.io/project/163508-seismometer/log/158608-mechanical-details>

<https://hackaday.io/project/163508/instructions>

<https://hackaday.io/project/163508/instructions?page=2>

<http://www.infiltec.com/seismo/>

<http://www.vaxman.de/publications/seismo/seismo.html>

http://www.vaxman.de/projects/fg_magnetometer/fg_magnetometer.html

<https://www.youtube.com/watch?v=v449zJaXrys&t=3s>

<https://www.kjmagnetics.com/blog.asp?p=gaussmeter>

<http://www.seismicnet.com/infoequip.html>

http://www.lutz-schenk.de/sam/magmeter/analog/ana_mm.html

http://www.sam-europe.de/de/index_de.html

<http://www.jmichelberger.de/html/magnetometer.html>

<https://www.rhoenobservatorium.de/astroelektronik/bauanleitung-sam-sensorteil/>

https://www.researchgate.net/publication/332105734_Selbstbau_eines_NMR-Spektrometers_im_Erdmagnetfeld

<https://www.theremino.com/en/hardware/inputs/geology-sensors>

<https://www.theremino.com/en/hardware/inputs/accelerometers>

http://www.iw3sgt.it/IW3SGT_PRJ/IW3SGT_SISMO/iw3sgt_sismo.htm

<http://www.geopsy.org/index.html>

<https://comunitadigeologia.blogspot.com/>

<http://www.seis.sc.edu/gee/>

<http://www.seis.sc.edu/software.html>

<https://stoppi-homemade-physics.de/magnetometer/>

<http://www.prc68.com/I/Sensors.shtml#Seismometer>

<http://www.prc68.com/I/Seismometer.shtml>

http://techlib.com/area_50/infrasound.htm#King%20Sized

http://techlib.com/area_50/waterhammer.htm
<https://forum.undertage.com/viewtopic.php?t=6016>
<http://www.groundmotion.org/main.html>
<https://bnordgren.org/seismo/>
<https://bnordgren.org/seismo/xindex.html>
https://bnordgren.org/seismo/gif_images.htm
http://www.theconnection.com/forcebalance_h.html
<http://www.theconnection.com/lehman.html>
http://www.sydneystormcity.com/g_phones.htm
<http://psn.quake.net/>
<http://www.software-for-seismometry.de/>
<https://www.best-microcontroller-projects.com/hmc5883l.html>
<https://electronics.semaf.at/Triple-Axis-Magnetometer-Compass-Breakout-HMC5883L-QMC5883>
<https://volcanoes.usgs.gov/software/swarm/download.shtml>
http://www.geophysics.geol.uoa.gr/frame_en/insti/seisurf.html
<https://web.ics.purdue.edu/~braile/indexlinks/links.htm>
<https://web.ics.purdue.edu/~braile/indexlinks/as1.htm>
<http://www.derbrumnton.de/site04.html>
https://gfzpublic.gfz-potsdam.de/rest/items/item_1307028_8/component/file_1307033/content
<https://www.analog.com/en/products/sensors-mems/accelerometers.html>
<https://create.arduino.cc/projecthub/mircemk/diy-sensitive-adxl335-earthquake-detector-d03702>
<https://create.arduino.cc/projecthub/mircemk/sensitive-mpu6050-seismometer-with-data-logger-9e6bf5>
<https://wolles-elektronikkiste.de/mpu6050-beschleunigungssensor-und-gyroskop>
<https://www.conrad-observatory.at/index.php/de/>
<https://conrad-observatory.at/index.php/de/downloads-de/magpy-de>
<https://github.com/geomagpy/magpy>
<https://geohilfe.de/physische-geographie/geomorphologie/tektonik-und-vulkanismus/erdbeben-messung-richter-skala-und-erdbebenwellen/>
<https://www.dl8nci.de/node/10>
http://www.sciencemadness.org/library/books/projects_for_the_amateur_scientist.pdf
<https://www.scienceinschool.org/2012/issue23/earthquakes>
https://www.scienceinschool.org/sites/default/files/teaserMaterial/issue23_earthquakes_instruments.pdf
<https://bnordgren.org/seismo/>
<https://wolles-elektronikkiste.de/mpu9250-9-achsen-sensormodul-teil-1>
<https://wolles-elektronikkiste.de/mpu9250-9-achsen-sensormodul-teil-2>

https://github.com/wollewald/MPU9250_WE
<https://wolles-elektronikkiste.de/mpu6050-beschleunigungssensor-und-gyroskop>
<https://github.com/jrowberg/i2cdevlib/tree/master/Arduino/MPU6050>
<http://www.i2cdevlib.com/devices/mpu6050#source>
https://github.com/sparkfun/MPU-6050_Breakout
<https://bascomforum.de/index.php?thread/185-mpu-6050-mems-6-achs-sensor/>
<http://www.forum.g-heinrichs.de/viewtopic.php?f=12&t=72>
<https://bascomforum.de/index.php?thread%2F1029-mpu6050-sensorfusing%2F&postID=15906#post15906>
<https://github.com/bolderflight/mpu9250>
https://github.com/sparkfun/SparkFun_MPU-9250-DMP_Arduino_Library
https://github.com/wollewald/MPU9250_WE
<http://bingweb.binghamton.edu/~ajones/AmaSeis.html>
[https://www.iris.edu/hq/inclass/search#language\[\]=1](https://www.iris.edu/hq/inclass/search#language[]=1)
<https://ds.iris.edu/ds/nodes/dmc/software/downloads/>
<https://www.analog.com/en/analog-dialogue/articles/understanding-the-fundamentals-of-earthquake-signal-sensing-networks.html#>
<https://pubs.usgs.gov/of/2001/of01-326/HTML/FILEFORM.HTM>
<https://stoppi-homemade-physics.de/beschleunigungsmesser/>
<http://www.forum.g-heinrichs.de/viewtopic.php?t=72>
<https://www.hackster.io/mircemk/diy-sensitive-adxl335-earthquake-detector-d03702>
<https://www.hackster.io/mircemk/sensitive-mpu6050-seismometer-with-data-logger-9e6bf5>
<https://web.ics.purdue.edu/~braile/edumod/handseis/handseis.htm>
http://www.vaxman.de/projects/vertical_seismometer/vertical_seismometer.html
<https://www.instructables.com/This-Seismometer-is-no-toy/>
<https://create.arduino.cc/projecthub/mircemk/extremely-sensitive-cheap-homemade-seismometer-175231>
<https://www.iris.edu/hq/jamaseis/>
<https://www.osti.gov/servlets/purl/1110582>
<https://www.nature.com/articles/s41598-020-67046-x.pdf>
<https://www.sparkfun.com/tutorials/235>
<https://www.scielo.br/j/lajss/a/ZnWZ8T86HHBLFvdksCh7g9s/?lang=en>
<https://www.scielo.br/j/lajss/a/ZnWZ8T86HHBLFvdksCh7g9s/?lang=en&format=pdf>
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6540012/pdf/sensors-19-01999.pdf>
<https://www.hindawi.com/journals/js/2016/7490870/>
<https://downloads.hindawi.com/journals/js/2016/7490870.pdf>
<https://www.analog.com/media/en/analog-dialogue/volume-53/number-4/understanding-the-fundamentals-of-earthquake-signal-sensing-networks.pdf>
<https://github.com/jarzebski/Arduino-MPU6050>

<https://www.eeweb.com/earthquake-detector-with-accelerometer/>
<http://www.geekmomprojects.com/mpu-6050-dmp-data-from-i2cdevlib/>
<https://github.com/jrowberg/i2cdevlib/tree/master/Arduino/MPU6050>
[https://raw.githubusercontent.com/jrowberg/i2cdevlib/master/Arduino/MPU6050/MPU6050.c
pp](https://raw.githubusercontent.com/jrowberg/i2cdevlib/master/Arduino/MPU6050/MPU6050.cpp)
<http://www.brokking.net/imu.html>
<https://elektro.turanis.de/html/prj075/index.html>
<https://github.com/danja/elfquake/tree/master/docs/reference>
<https://github.com/ElectronicCats/mpu6050>