**Install C++ libraries on raspberry pi**

Install FFTW3 on raspberry pi

sudo apt install autoconf automake libtool pkg-config gcc g++ ocaml ocamlbuild

cd ~ # navigate to your home directory

wget <https://www.fftw.org/fftw-3.3.10.tar.gz>

tar -xzf fftw-3.3.10.tar.gz

cd fftw-3.6.5

./configure --enable-shared # Enables shared libraries (optional)

make

configure: WARNING: \*\*\* Couldn't find f77 compiler; using default Fortran wrappers.

checking whether a cycle counter is available... no

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WARNING: No cycle counter found. FFTW will use ESTIMATE mode

for all plans. See the manual for more information.

sudo apt install gfortran

sudo make install

Install liquid on raspberry pi

liquid-dsp-1.6.0.tar.gz: can be located in downloads or ~/

https://liquidsdr.org/doc/installation/

Install Eigen on raspberry pi

sudo apt-get install libeigen3-dev