

`wigner_main.m` is the main code.

`wigner.m` is the function.

How to use:

Open `wigner_main.m`.

The inputs are

`dtau`, `dt`, `df`, `tau`, `t`, `f` and `x`.

`dtau`=1/fs where fs is the sampling frequency of the input signal `x`.

`t` and `f` are the time and frequency axis of the output plot, respectively.

`dt` and `df` are the increments of the t and f axis.

Examples are included in the main code.