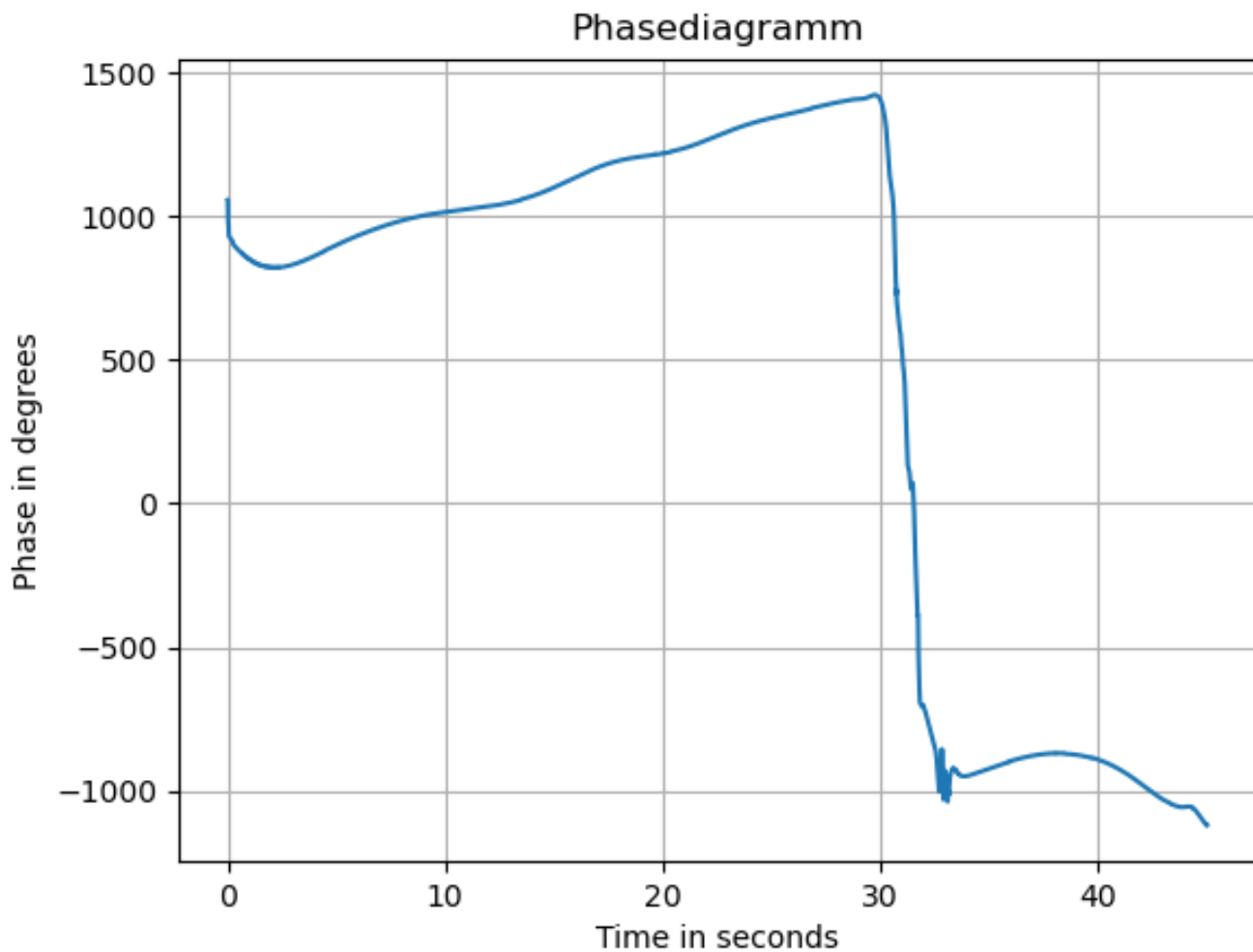


Audio tampering detection via the electrical network frequency

Hilbert phase estimation



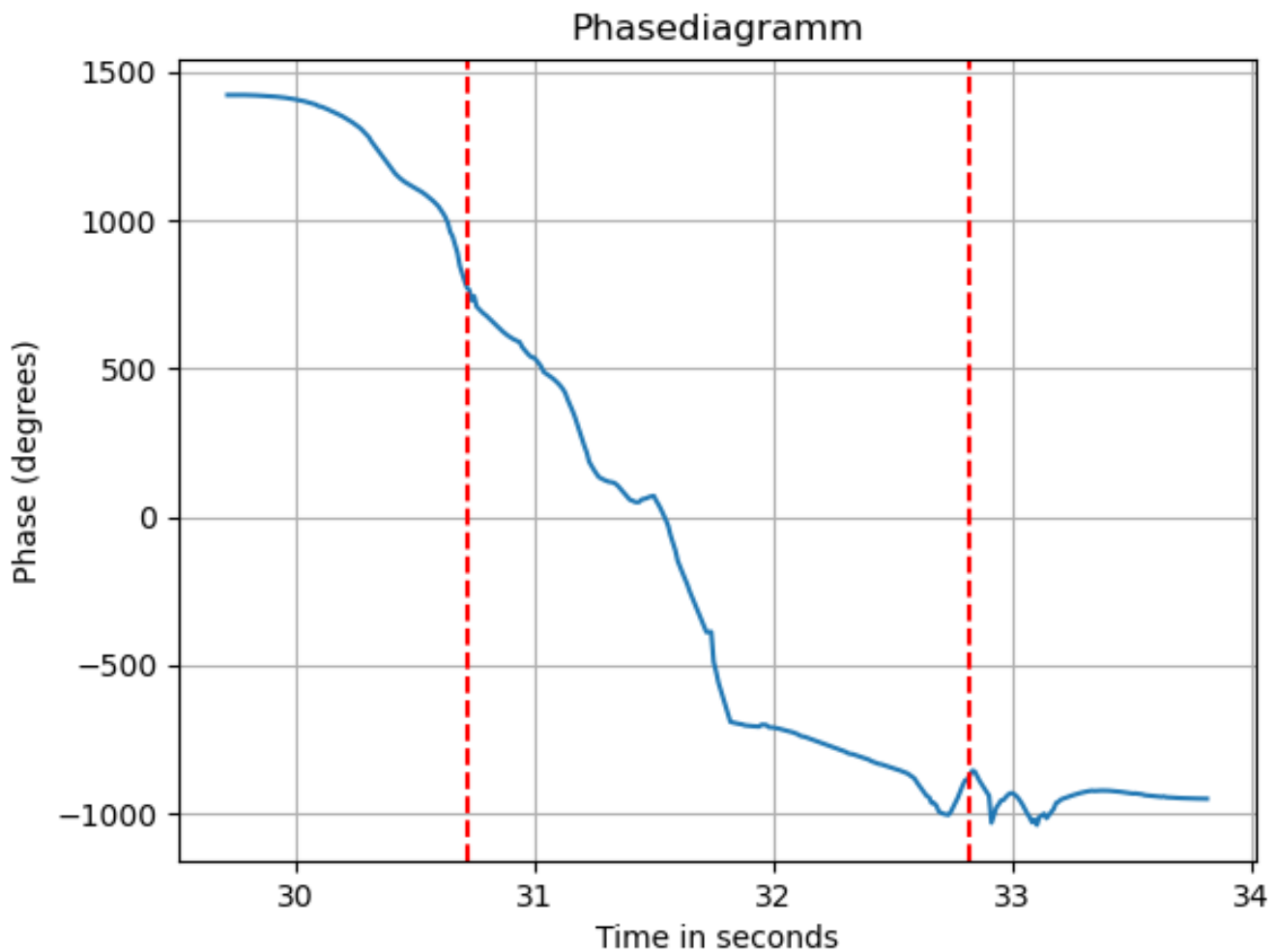
The Plot shows the phase diagram of the input signal. The phase is estimated via instantaneous Hilbert phase estimation.

The Audio shows discontinuities in its phase

The discontinuities and areas of interest are displayed in the following

Audio tampering detection via the electrical network frequency

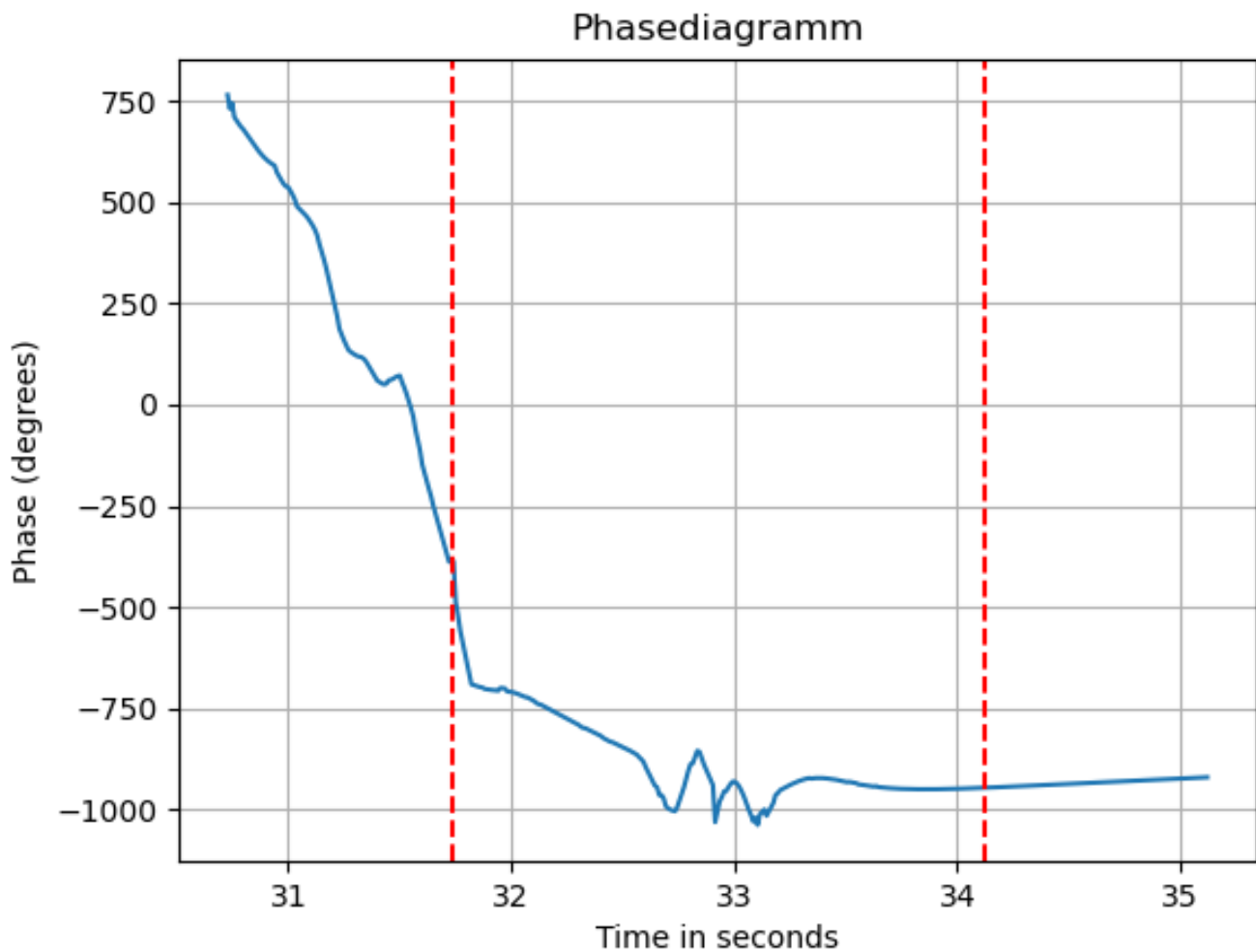
Hilbert phase discontinuities



The Plot shows the phase diagram of the input signal in a found zone of interest.

Audio tampering detection via the electrical network frequency

Hilbert phase discontinuities



The Plot shows the phase diagram of the input signal in a found zone of interest.