

tresspec toolkit

**A python package for fast and convenient processing and analysis of
time-resolved spectroscopic data**

Tobias Unruh

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Text

1 Scope of this package

Over time, the experienced user of the setups for conducting time-resolved spectroscopic measurements faces several reoccurring tasks. This led us to the point to decide to compile a python package that is intended to facilitate and speed up the analysis of time-resolved spectroscopic measurements by comprising convenient tools for the conduction of routine operations on the data sets.

2 Functions Overview

2.1 loaddata

2.1.1 uv-pump-mir-probe

```
:param wrkpath: the path containing the *sve.csv files as received from the spectrometer
:param discardstitchingblocks : alistcontainingtheindicesofbadstitchingblockswhicharetobediscarded
: return: - runs: a list containing the individual measurements - runssb : alistoftheindividualmeasurements
pump – mIR – probeexperiment
:param wrkpath: the path containing the *sve.csv files as received from the spectrometer
:param discardstitchingblocks : alistcontainingtheindicesofbadstitchingblockswhicharetobediscarded
: return: - runs: a list containing the individual measurements - runssb : alistoftheindividualmeasurements
This is a test phrase.
```