
Xanespy Documentation

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Python library for analyzing **X-Ray absorbance spectroscopy** data.

Warning: This documentation is still under development. The code it represents could change at any time.

INTRODUCTION

Hello, I'm an introduction

1.1 Purpose

1.2 X-Ray Absorbance Fundamentals

1.3 Sample WorkFlow

IMPORTING DATA INTO XANESPY

2.1 TXM from 8-BM (APS) and 6-2c (SSRL)

2.2 Ptychography from 5.3.2.1 (ALS)

ANALYZING THE DATA

3.1 Frame Alignment

3.2 Subtracting Surroundings

3.3 Spectrum Fitting - K-Edge

3.4 Spectrum Fitting - L-Edge

VISUALIZATION OF RESULTS

4.1 Plotting

4.2 Interactive Viewer (Qt)

ACCESSING THE DATA DIRECTLY

INDICES AND TABLES

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