

Working folder: 23.7.4

Confirm Folder Show repository

列出现有文件夹

选择工作文件夹，实验数据和输出都将存储在这个文件夹中。

(若文件夹不存在则自动新建，多数以日期命名)

选择好后点击Confirm Folder确认。

Path: images/23.7.4

列出选中文件夹中的文件

Experiment note:

(中文也可以)

Experimental Setups:
 Light source: fs laser, with filter
 Lens: 300mm, focus on CCD
 Aperture: No aperture
 Sample-CCD distance: 200mm
 Files: bg_30ms.tif, withbg_30ms.tif, ...
 Spectrum: spectrum_aftersample_fs.txt
 Additional info: ...

Experimental Setups:
 Light source: continuum source, with aperture
 Lens: 300mm, focus on CCD
 Aperture: 100um, right after source.
 Sample-CCD distance: 200mm
 Data Files: bg_29ms.tif, withbg_29ms_fs_od2+500u_75.tif
 Spectrum: spectrum_after_sample.txt
 Additional info:

记录实验参数备忘
点击Save保存

Save Save As Default

Attention: File name starts with letters and only contains letters, numbers, "_" and one "." for extensions.

Upload background: Choose File No file selected

Upload pattern: Choose File No file selected

Upload

选择CCD采集的本底和衍射图，点击Upload上传到文件夹中

Upload Spectrum: Choose Files No file selected

Upload

选择采集的光谱，点击Upload上传到数据库

Select Spectrum:

Confirm Spectrum

Show spectrum files

选择数据库中的光谱，点击Confirm确认

设置为单色化输入光谱

Select Background:

选择上传好的本底和衍射图作为宽谱衍射图

Select Pattern:

Output: broad_pattern

对衍射图进行中心平移（单位pixel）

Shift: (,)

Shift: (,)

Select Pattern:

Output: hene_pattern

Shift: (,)

Shift: (,)

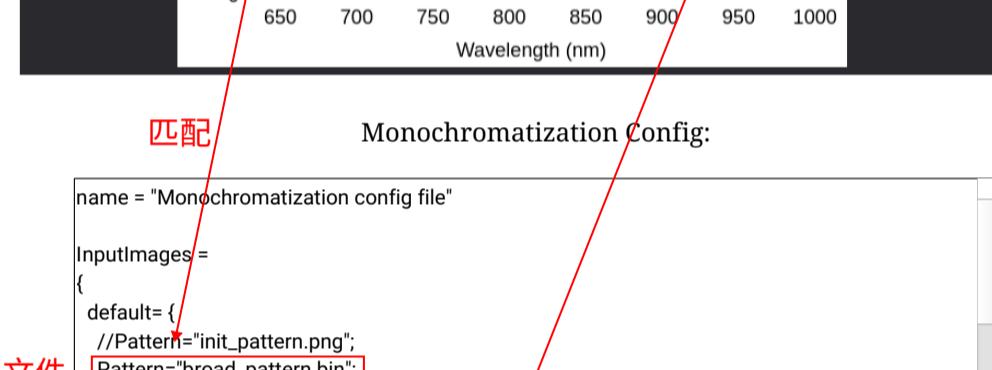
Select Pattern:

3x3

□ Apply Symmetrization,

选择是否进行对称化

Process experimental data

点击Process experimental data 对衍射图进行预处理
(背景剪除, Pixel合并, 平移)

匹配

Monochromatization Config:

单色化输入文件

name = "Monochromatization config file"

InputImages =

{ default= {

//Pattern="init_pattern.png";

Pattern="broad_pattern.bin";

//Pattern="pattern.tif";

//Pattern="solved0.png";

//Pattern="data.tif";

Intensity=../einstein.bmp";

//Intensity="image.tif";

Phase=../images/misc/4.1.05.tif";

restart=recon.yaml";

};

pupil= {

Pattern="pattern.tif";

//Pattern="floatimage.tif";

//Intensity="einstein.bmp";

Intensity="4.1.01.tif";

单色化配置文件
点击Save保存生效

Intensity="4.1.01.tif";

};

Intensity="4.1.01.tif";

};