

1



2



D

Init Program

3



4



Standard Scripts

- Init Files and Parameters
- Calculate FFT
- Get Defocus & Tilt
- Get Lattice & CTF
- Refine Lattice
- Calculate Crystal Tilt from Car...
- Get SpotList for Unbend I

Custom Scripts

- Get Spacegroup & PhaseOrigin
- Set PhaseOrigin Manually
- Generate Symmetry Map
- Mask Crystal from Polygon
- Refine Params Unbend I
- Refine Params Unbend II
- Refine Params Unbend I (Coars...

Image Preview

No Image
Selected

Processing Data -- Standard

Image Number: ScriptWillPutNumberHere

Image Name: ScriptWillPutNameHere

Un-Masked Image Name: ScriptWillPutNameHere

Image Source: OD for autoscaling to 0...16k

Image Side Length: ScriptWillPutLengthHere

Magnification (between sample and recording medium): 50000

Pixel Size on Recording Medium (in micrometer): 5.0

Calculate Magnification from PixelSizes on Recording Medium and Sample Level?: ☐ Yes ☒ No

Pixel Size on Sample Level (in Angstrom): 1.0

Comment: -

Defocus

Determine Defocus: ☒ Yes ☐ No

Tilt Geometry

Determine Tilt Geometry: ☐ Yes ☒ No

Results

H

Images

I

Status

Logfile - Low Verbosity

```
*****
Welcome to 2dx_image
*****
(activate the MANUAL button top right for help)

#####2dx_initialize finished.#####
```

F

16



17



G

FFT

DEFOCUS

LATTICE

SPOTS

UNBEND

CTF

MASK

PHORI

MERGE

REPROCESS

18



19



Is Unb.I	-	-	-	-	QVal1=	
Is Unb.II	-	-	-	-	QVal2=	
Is Unb.Syn	-	-	-	-	QValS=	
PowerBins	[A]	15	12	9	7	5
Noise=7)	#	-	-	-	-	-
Tab Info	Defoc.	Latt.	SpSplit	Merg		
Old.TAxis	-	-	-	-		
Old.TAng	-	-	-	-		
New.TAxis	-	-	-	-		
New.TAng	-	-	-	-		

J