

view

help

- Typing “help” will open a webpage with the manual.
- Typing “help commandname” will open a webpage with the manual entry for the commandname.
Example: “help drawbeamstop”

Image formats

- Nonius KappaCCD
- ADSC
- Image-Cif
- Mar
- MarCCD
- Agilent
- Rigaku-Raxis
- Bruker Smart

read

- The command “read” reads a diffraction image and interprets its header

plot

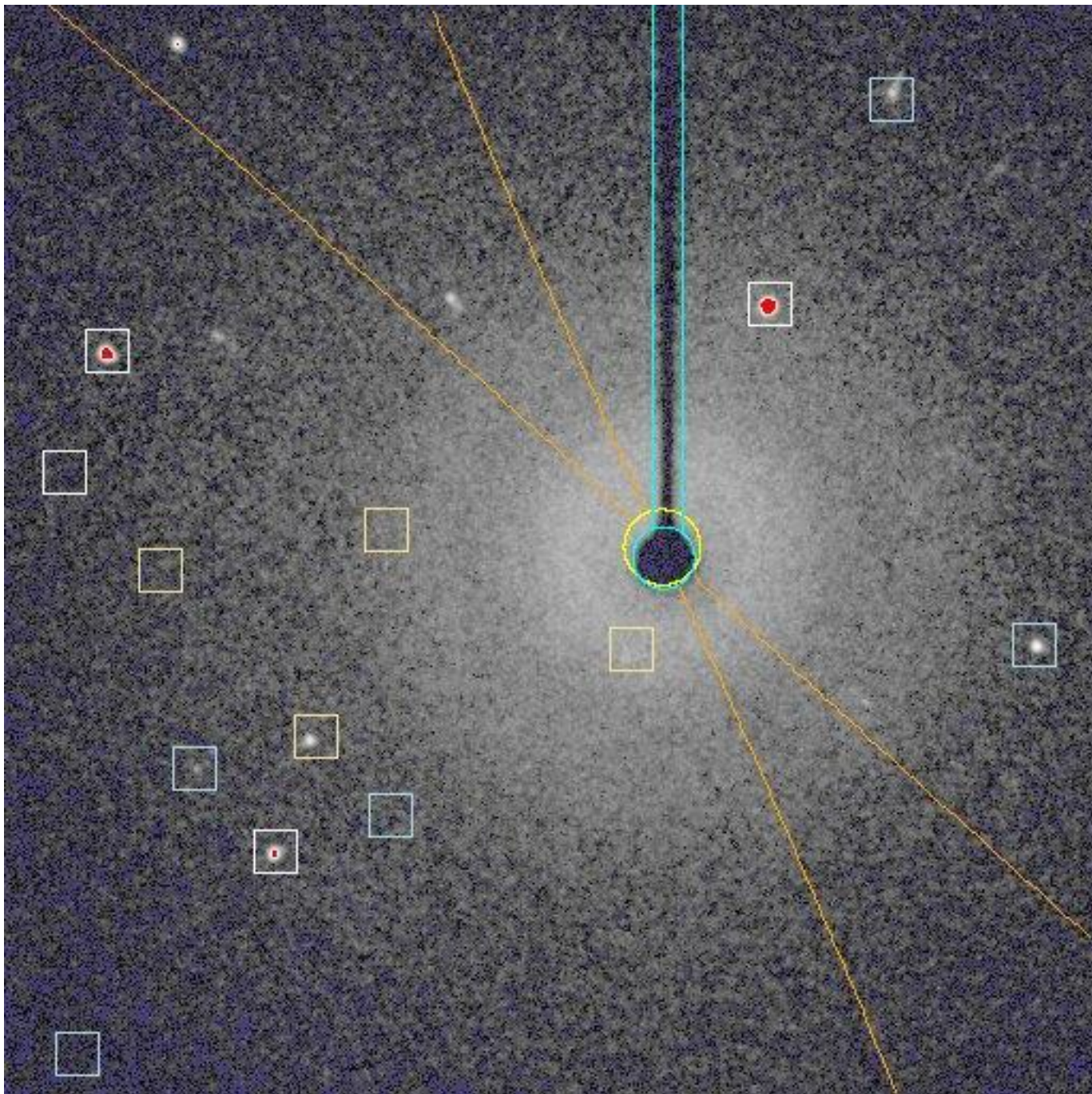
- The command “plot” generates a graphical display

rmat

- The command “rmat” reads an rmat-file containing the orientation matrix
- With the commands “rmat2”, “rmat3”, etc. you can read additional orientation matrices

datcol

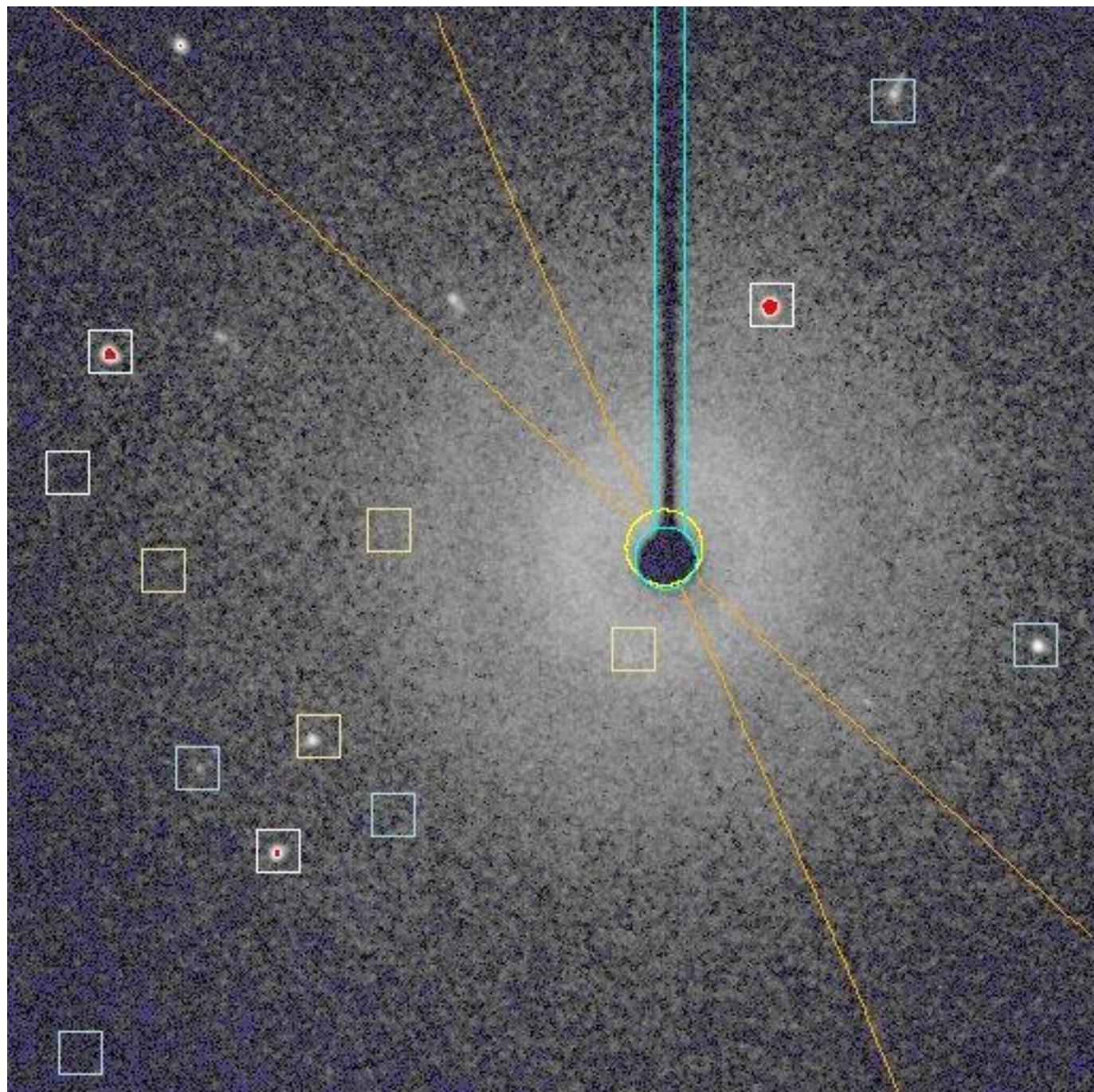
- The command “datcol” shows the predicted impact positions based on the orientation matrix.



go

- The command “go” opens a graphical menu
- A <right-mouse-click> in the main window closes the graphical menu

```
profile
ptangrad
hk1
rot
zoom
zoomAround
fibre
display
zfree
pfree
plinear
min pos
none
log
plot
datcol
next
prev
circle
show
markbeamst
markprimary
markcentre
profhor
profver
profhalf
graphics
quit
```

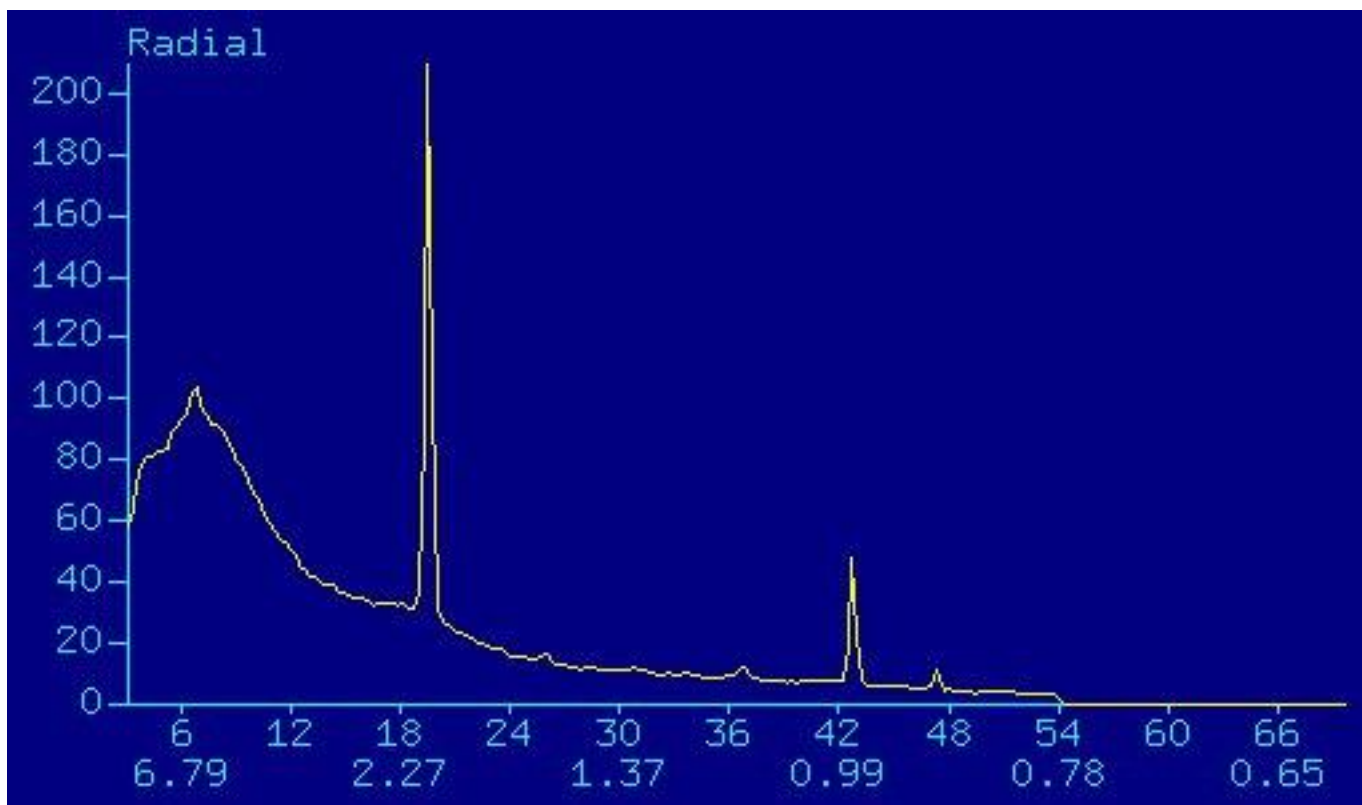


Primary beam

- The detector alignment is essential for the correct use of the Eval suite
- With the command “markprimary” the impact of the primary beam is displayed
- With the command “setprimary” a different impact position of the primary beam is chosen
- With the command “save detalign” a new calibration file is written to the disk

profilerad

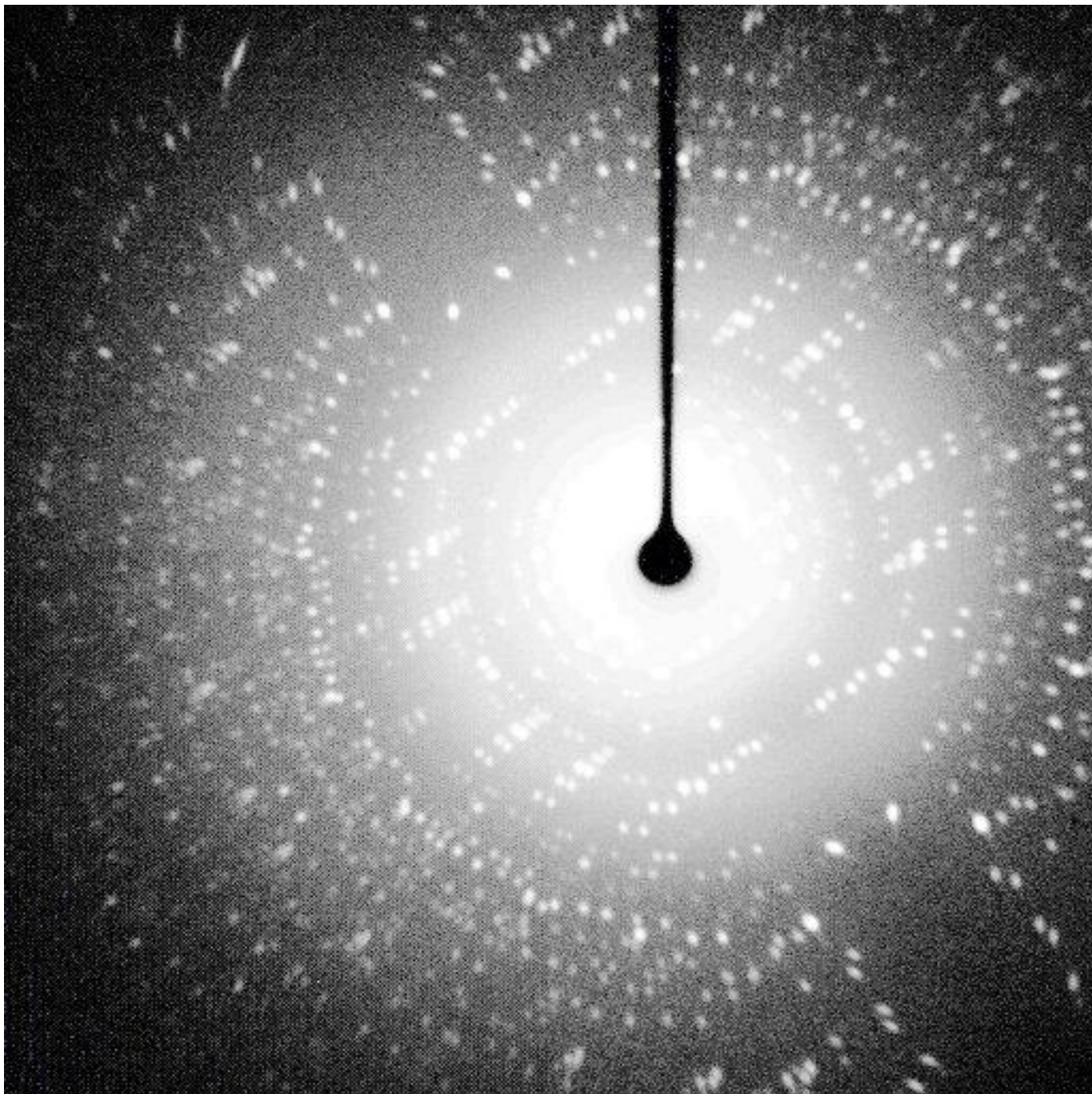
- The command “profilerad” creates a radial profile
- (“powder diagram”)
- Tip: use first the command “profilexy”. Then the command “profilerad” will write into a file



External programs based on
“view”

Imagesum

- Example:
imagesum
read s01f*.sfrm
write sum.sfrm
- Use of “view”:
view read sum.sfrm
plot
max
mode equal
plot



tunebeamstop

- “tunebeamstop” is a GUI to optimize the beamstop description
- Note: the GUI only uses a subset of available commands
- The full set of commands is available in “view”. Use “save beamstop” to write the file beamstop.vic

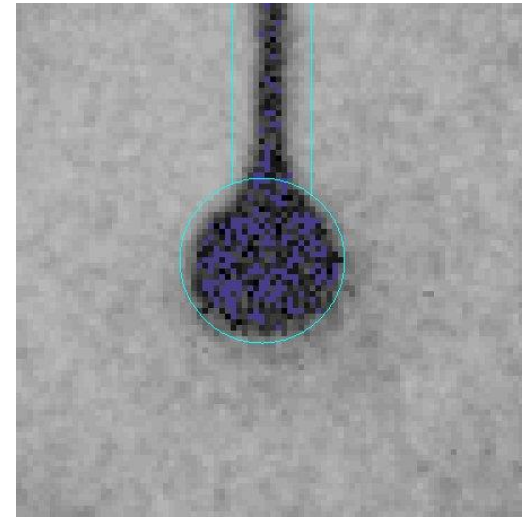
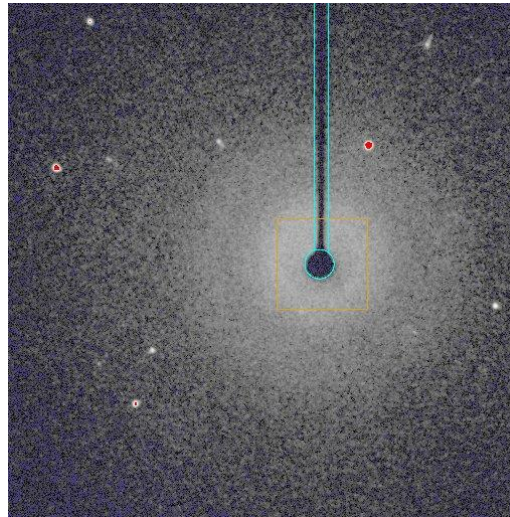
Options Help

Choose Frame

Frame file name

Beamstop parameters

Horizontal position	<input type="text" value="0.30"/>
Vertical position	<input type="text" value="-0.60"/>
Blade width	<input type="text" value="1.70"/>
Diameter	<input type="text" value="3.50"/>
Angle	<input type="text" value="0.0"/>



img2r

- The program “img2r” reads a set of images and prepares a reciprocal space reconstruction.
- The “coot” software is needed for display

