



file_boxcar.exe

Parameters:

```
(string) -if  input file name
(string) -of  output file name
(int)    -nwr Nwin Row
(int)    -nwc Nwin Col
(int)    -ofr Offset Row
(int)    -ofc Offset Col
(int)    -fnr Final Number of Row
(int)    -fnc Final Number of Col
```

Optional Parameters:

```
(string) -mask mask file (valid pixels)
(int)    -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg)  -help displays this message
```

file_lee_refined.exe

Parameters:

```
(string) -if  input file name
(string) -of  output file name
(int)    -nw  Nwin Row and Col
(int)    -nlk Nlook
(int)    -ofr Offset Row
(int)    -ofc Offset Col
(int)    -fnr Final Number of Row
(int)    -fnc Final Number of Col
```

Optional Parameters:

```
(string) -mask mask file (valid pixels)
(int)    -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg)  -help displays this message
```

file_median.exe

Parameters:

```
(string) -if  input file name
(string) -of  output file name
(int)    -nwr Nwin Row
(int)    -nwc Nwin Col
(int)    -ofr Offset Row
(int)    -ofc Offset Col
(int)    -fnr Final Number of Row
(int)    -fnc Final Number of Col
```

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

file_nagao.exe

Parameters:

(string) -if input file name
(string) -of output file name
(int) -nwr Nwin Row
(int) -nwc Nwin Col
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

file_operand.exe

Parameters:

(string) -if input file name
(string) -it input file type
(string) -of output file name
(string) -ot output file type
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

file_operand_file.exe

Parameters:

(string) -if1 input file name 1
(string) -it1 input file type 1
(string) -if2 input file name 2
(string) -it2 input file type 2
(string) -of output file name
(string) -ot output file type

(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

[file_operand_value.exe](#)

Parameters:

(string) -if input file name 1
(string) -it input file type 1
(float) -ivr input real value
(float) -ivi input imag value
(string) -it2 input file type 2
(string) -of output file name
(string) -ot output file type
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

[matM_operand_file.exe](#)

Parameters:

(string) -id input directroy
(string) -if input file name
(string) -iodf input-output data format
(string) -od output directory
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message
(noarg) -data displays the help concerning Data Format parameter

Usage:*Polarimetric Input-Output Data Format*

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_matM.exe*Parameters:*

| | | |
|----------|-------|--------------------------|
| (string) | -id1 | input directroy 1 |
| (string) | -id2 | input directory 2 |
| (string) | -iodf | input-output data format |
| (string) | -od | output directory |
| (int) | -ofr | Offset Row |
| (int) | -ofc | Offset Col |
| (int) | -fnr | Final Number of Row |
| (int) | -fnc | Final Number of Col |

Optional Parameters:

| | | |
|----------|-------|--|
| (string) | -mask | mask file (valid pixels) |
| (int) | -mem | Allocated memory for blocksize determination (in Mb) |
| (string) | -errf | memory error file |
| (noarg) | -help | displays this message |
| (noarg) | -data | displays the help concerning Data Format parameter |

Usage:*Polarimetric Input-Output Data Format*

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_matXSU.exe*Parameters:*

| | | |
|----------|-------|--------------------------|
| (string) | -id | input directroy |
| (string) | -if | input file matX |
| (string) | -iodf | input-output data format |
| (string) | -od | output directory |
| (int) | -ofr | Offset Row |
| (int) | -ofc | Offset Col |

(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message
(noarg) -data displays the help concerning Data Format parameter

Usage:

Polarimetric Input-Output Data Format

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_matX_add.exe

Parameters:

(string) -id input directroy
(string) -if input file matX
(string) -iodf input-output data format
(string) -od output directory
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message
(noarg) -data displays the help concerning Data Format parameter

Usage:

Polarimetric Input-Output Data Format

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_matX_dist.exe

Parameters:

(string) -id input directory
(string) -if input file matX
(string) -iodf input-output data format
(string) -of output file name
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message
(noarg) -data displays the help concerning Data Format parameter

Usage:

Polarimetric Input-Output Data Format

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_out_eig.exe

Parameters:

(string) -id input directory
(string) -it input data format
(string) -of output file
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message
(noarg) -data displays the help concerning Data Format parameter

Usage:

Polarimetric Input-Output Data Format

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_out_file.exe

Parameters:

```
(string) -id  input directory
(string) -it  input data format
(string) -of  output file
(string) -op  operand
(int)     -ofr Offset Row
(int)     -ofc Offset Col
(int)     -fnr Final Number of Row
(int)     -fnc Final Number of Col
```

Optional Parameters:

```
(string) -mask mask file (valid pixels)
(int)     -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg)   -help displays this message
(noarg)   -data displays the help concerning Data Format parameter
```

Usage:

Polarimetric Input-Output Data Format

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_out_matM.exe

Parameters:

```
(string) -id  input directory
(string) -iodf input-output data format
(string) -od  output directory
(string) -op  operand
(int)     -ofr Offset Row
(int)     -ofc Offset Col
(int)     -fnr Final Number of Row
(int)     -fnc Final Number of Col
```

Optional Parameters:

```

(string) -mask mask file (valid pixels)
(int)    -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg)  -help displays this message
(noarg)  -data displays the help concerning Data Format parameter

```

Usage:

Polarimetric Input-Output Data Format

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

matM_operand_value.exe

Parameters:

```

(string) -id  input directroy
(float)  -iv  input value
(string) -iodf input-output data format
(string) -od  output directory
(string) -op  operand
(int)    -ofr Offset Row
(int)    -ofc Offset Col
(int)    -fnr Final Number of Row
(int)    -fnc Final Number of Col

```

Optional Parameters:

```

(string) -mask mask file (valid pixels)
(int)    -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg)  -help displays this message
(noarg)  -data displays the help concerning Data Format parameter

```

Usage:

Polarimetric Input-Output Data Format

| | | |
|----|-----------------------|------------------------|
| C2 | input : covariance C2 | output : covariance C2 |
| C3 | input : covariance C3 | output : covariance C3 |
| C4 | input : covariance C4 | output : covariance C4 |
| T2 | input : coherency T2 | output : coherency T2 |
| T3 | input : coherency T3 | output : coherency T3 |
| T4 | input : coherency T4 | output : coherency T4 |

mats_operand_file.exe

Parameters:

(string) -id input directroy
(string) -if input file name
(string) -it input file format
(string) -od output directory
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matS_operand_matS.exe

Parameters:

(string) -id1 input directroy 1
(string) -id2 input directory 2
(string) -od output directory
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matS_operand_matX.exe

Parameters:

(string) -id input directroy
(string) -if input file matX
(string) -od output directory
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matS_operand_matXSU.exe

Parameters:

(string) -id input directroy
(string) -if input file matX
(string) -od output directory
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matS_operand_out_eig.exe

Parameters:

(string) -id input directroy
(string) -of output file
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matS_operand_out_file.exe

Parameters:

(string) -id input directroy
(string) -of output file
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matS_operand_out_matS.exe

Parameters:

(string) -id input directroy
(string) -od output directory
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matS_operand_value.exe

Parameters:

(string) -id input directroy
(float) -ivr input real value
(float) -ivi input imag value
(string) -od output directory
(string) -op operand
(int) -ofr Offset Row
(int) -ofc Offset Col
(int) -fnr Final Number of Row
(int) -fnc Final Number of Col

Optional Parameters:

(string) -mask mask file (valid pixels)
(int) -mem Allocated memory for blocksize determination (in Mb)
(string) -errf memory error file
(noarg) -help displays this message

matX_operand_matX.exe

Parameters:

(string) -if1 input file matX1
(string) -if2 input file matX2
(string) -of output file matX
(string) -op operand

Optional Parameters:

(noarg) -help displays this message

matX_operand_out_matX.exe

Parameters:

(string) -if input file matX
(string) -of output file matX
(string) -op operand

Optional Parameters:

(noarg) -help displays this message

matX_operand_out_value.exe

Parameters:

(string) -if input file matX
(string) -of output file matX
(string) -op operand

Optional Parameters:

(noarg) -help displays this message

matX_operand_value.exe

Parameters:

(string) -if input file matX
(string) -of output file matX
(float) -ivr input real value
(float) -ivi input imag value
(string) -op operand

Optional Parameters:

(noarg) -help displays this message

test_SU_matX.exe

Parameters:

(string) -if input file matX
(string) -of output file