

How to run the script «fastmoon.pgm»

SCRIPT : processing of a color video of the Moon (I use "pregister" for the registration)
It doesn't compensate for field rotation & dust on the sensor.

The script is optimised to run as fast as possible but requires your intervention during processing.

What you have to do:

- Convert the video of the Moon into 3 sequences named respectively r,g,b
- Run the script "fastmoon.pgm" with this command:

```
>run name_of_the_script $1 $2 $3 $4 $5
```

Example: >run fastmoon 216 100 150 200 512

Parameters of the script :

\$1 = number of images in your video

\$2 = number of images to add together (first attempt)

\$3 = number of images to add together (second attempt)

\$4 = number of images to add together (third attempt)

Pay **ATTENTION**:

For \$4 choose the MAX number of images you want to add together.

If you want to add another number of images manually after this script you can't exceed the \$4 number!

\$5 = value used to set a square of \$5 pixels side including a crater.

You can choose between 128, 256 or 512 pixels.

Example: if the crater is big, choose 512