

How to run « jupitercolor.pgm »

SCRIPT : processing of a color video of Jupiter or Mars in opposition. The script doesn't
compensate for field rotation & dust on the sensor

What you have to do :

- Convert the video of the planet into 3 sequences named respectively r,g,b
- Run the script "jupitercolor.pgm" with this command: >run name_of_the_script \$1 \$2 \$3 \$4 \$5

Example: >run jupitercolor 2000 650 1000 1500 18

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)
- \$5** = threshold used to adjust a circle around the planet (for the command "t_cregister").

Pay **ATTENTION**: you have to calculate its value after the normalization of the sky's background.

Find the threshold with the commands:

1. >load g1
2. >noffset 0
3. >mouse_select 1 1 640 480
4. >circle 18 (for example)