

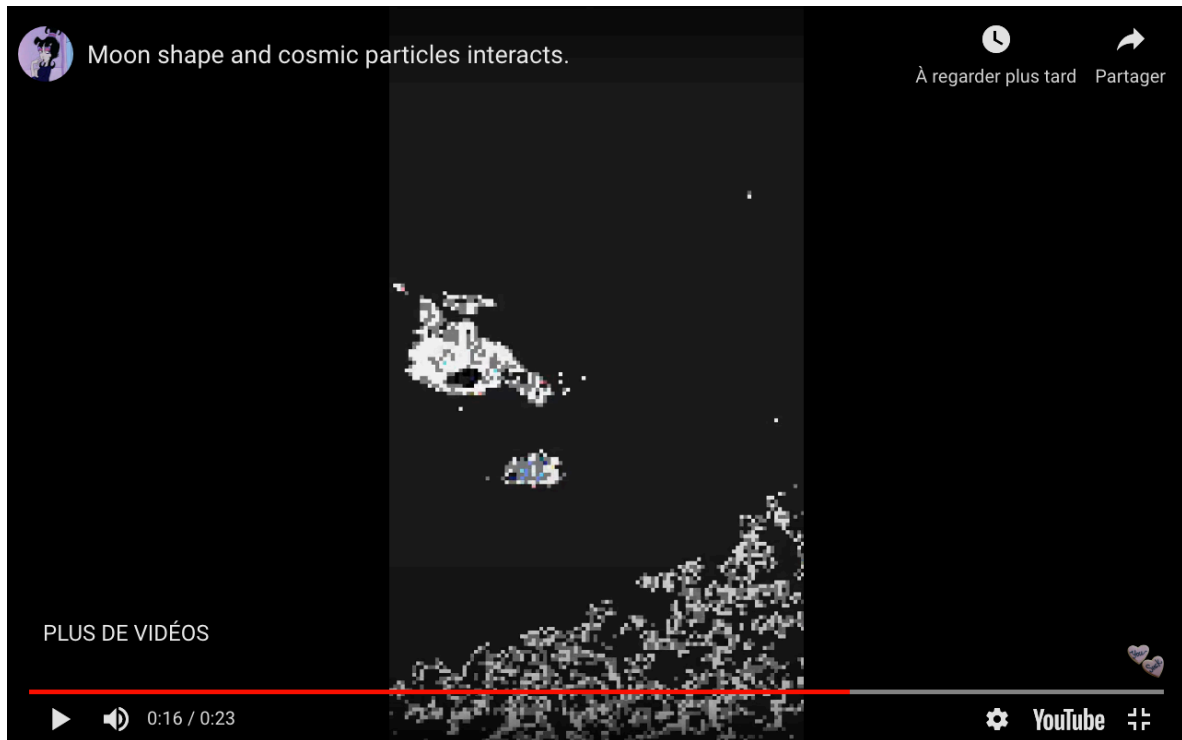
Fall 2021 series: matrix treatments - photometry in cloudy or trouble environments.



Pdf N ° 103 and 107

A more complete work is to follow with many samples on the re-work starting with Pdf N ° 48.

(2021) Tree data structure Tab.



Fall 2021 series: matrix treatments - photometry in cloudy environments
youtu.be/b1nsC0vK0WY

Pdf N° 103, 106, 107 (A more complete work is to follow with many samples on the re-work starting at Pdf N ° 48. (2021) Tree data structure Tab.

- Apparent magnitude.

The full blue moon in Aquarius on August 22.Sky sample.

Measurement of the irradiance of a celestial object observed from Earth.

Used almost exclusively in astronomy, the magnitude historically corresponded to a classification of stars, the brightest being of the first magnitude, the second and third magnitudes being lower, down to the sixth magnitude, stars barely visible to the naked eye.

It is now defined on an inverse logarithmic scale, in which the magnitude increases by one as the irradiance is divided by about 2.5.

Thus, the brighter a celestial object, the weaker or even negative its magnitude.

- Observe the moon 2021 Report:

So the absolute magnitude of the Sun is 4.9 while its apparent magnitude is -26.7. It is almost 14 times that of the Full Moon which is -12.9.

The magnitude is measured by photometry.

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