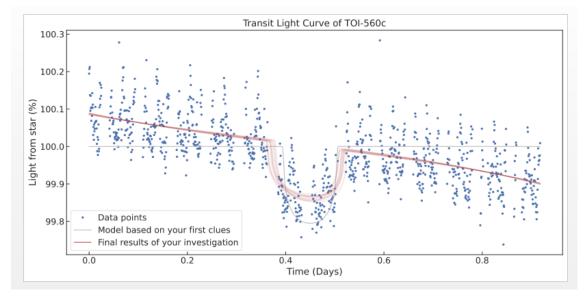
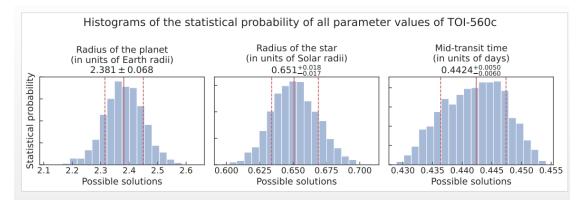
TOI-560c

1. DATA ACCESS

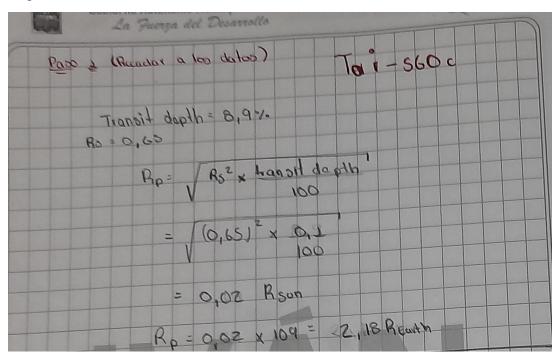




Li	ight curve	Histograms	Table				
		Name	Median value	Lower error	Upper error	Case note	Target
	Radius of the planet (i	in units of Earth radii)	2.381	0.066	0.068	Cheops observations	
	Radius of the star (i	in units of Solar radii)	0.651	0.017	0.018	Cheops observations	TOI-560c
	Mid-transit t	time (in units of days)	0.4424	0.0060	0.0050	Cheops observations	TOI-560c
	Orbital pe	riod (in units of days)	18.8797			Other observations from the archive	TOI-560c
	Orbital semi-majo	or axis (in units of AU)	0.1242			Other observations from the archive	TOI-560c

SIZE OF THE EXOPLANET

Together with the data collected, we realize how small TOI-560c is.



ORBITAL PERIOD AND DISTANCE

The orbital period is 18.8797 days shorter than that of the Earth, while its distance is far and yet close to the star.

G= 6,62450 ×10" m3 Kg-15-2 H5= 0,73 Hom - 1.9884 × 1050 H3m= 1,45 × 10 30 19 18.8797 d. 86400 5 - 163 1206 08 TE = d 1,87 x10'm Km 6HT2 412 d-3 10000 40 - 18700000 Km -1495978707 d=0.1200

TEMPERATURE AND HABITABILITY

The temperature is about 225 ± 15 °C, the temperature is higher than that of the Earth, so it is not a habitable place, some of the living beings would not be able to withstand the conditions.

COMPOSITION

The density of the planet is higher, almost equal to that of the planet earth, in my opinion it can present the same characteristics of a rocky planet.

$V = 4 \pi R^3$
Me 9.70 HEarth = 5.9722×1024 = 5.79×1024 8
Rp= 2.18Rt = 4378 Km = 13904.04 Mm. 100000
$R = 1,34 \times 10^{4} \text{ cm}$
$V = \frac{4}{3}, \frac{1418}{1,39,09}, \frac{1}{5}$
$V = 1 12 \times 10^{20} \text{ Mos}$
$\frac{\rho_{\rm M}}{v} = \frac{5.39 \times 10^{25}}{1.12 \times 10^{26}}$
ALLALDE D- 5,164103.10003
p = 5.16q