

For the sake of Julius Caesar and his spiritual son Augustus and his guardian Gaius Cestius, let us do this experiment astronomically tomorrow!

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First of all, thank you for making a video for the experiment and I immediately put this video on my site (See [Pyramid of Cestius](#)).

Now let me help you with some questions.

The latitude above Table 1.9 on p. 48 will be 13 BC, not 13 AD. In Table 1.9, I have shown 4 different approaches in 4 colours. The data in the turquoise coloured region belongs to the present day and the data in the other coloured regions are given for the correct positioning of the Sun in BC. Because Starry Night Pro Plus 8 and all other programmes I use cannot show the correct BC position of the Sun. In this case, according to the centre of the Pyramid of Cestius, the Sun's rays will be perpendicular to the east (south of east) face of the pyramid on 15.03.2024, 08:28:01, with an azimuth of $114^{\circ}16.142'$ and an inclination angle of $22^{\circ}04.603'$. Of course, these data are very close to the real values.

Tomorrow's Experiment

If possible, for this experiment you should go to the Pyramid of Cestius tomorrow at 8 am at the latest and take photos and videos of the sunlight perpendicular to the east face of the pyramid. Because the Starry Night Pro Plus 8 program, as seen in the turquoise region in Table 1.9, always gave the closest results on 15 March in 2023, 2024, 2026 and 2027 to the inclination angle of $22^{\circ}01'23''=22^{\circ}01.38333\dots'$ in Figure 1.33. Accordingly, the sun's rays will be perpendicular to the east (south-east) face of the pyramid tomorrow, 15.03.2024, 08:28:01, with an azimuth of $114^{\circ}16.142'$ and an inclination angle of $22^{\circ}04.603'$. Record this perpendicularity somehow with your astronomical instruments and we will be able to explain the mystery of the pyramid architect.

For the sake of Julius Caesar and his spiritual son Augustus and his guardian Gaius Cestius, let us tomorrow astronomically record that the sun's rays are perpendicular to the east face of the pyramid as I have reported above!

Regards and love Derya PAMUKTULUM.