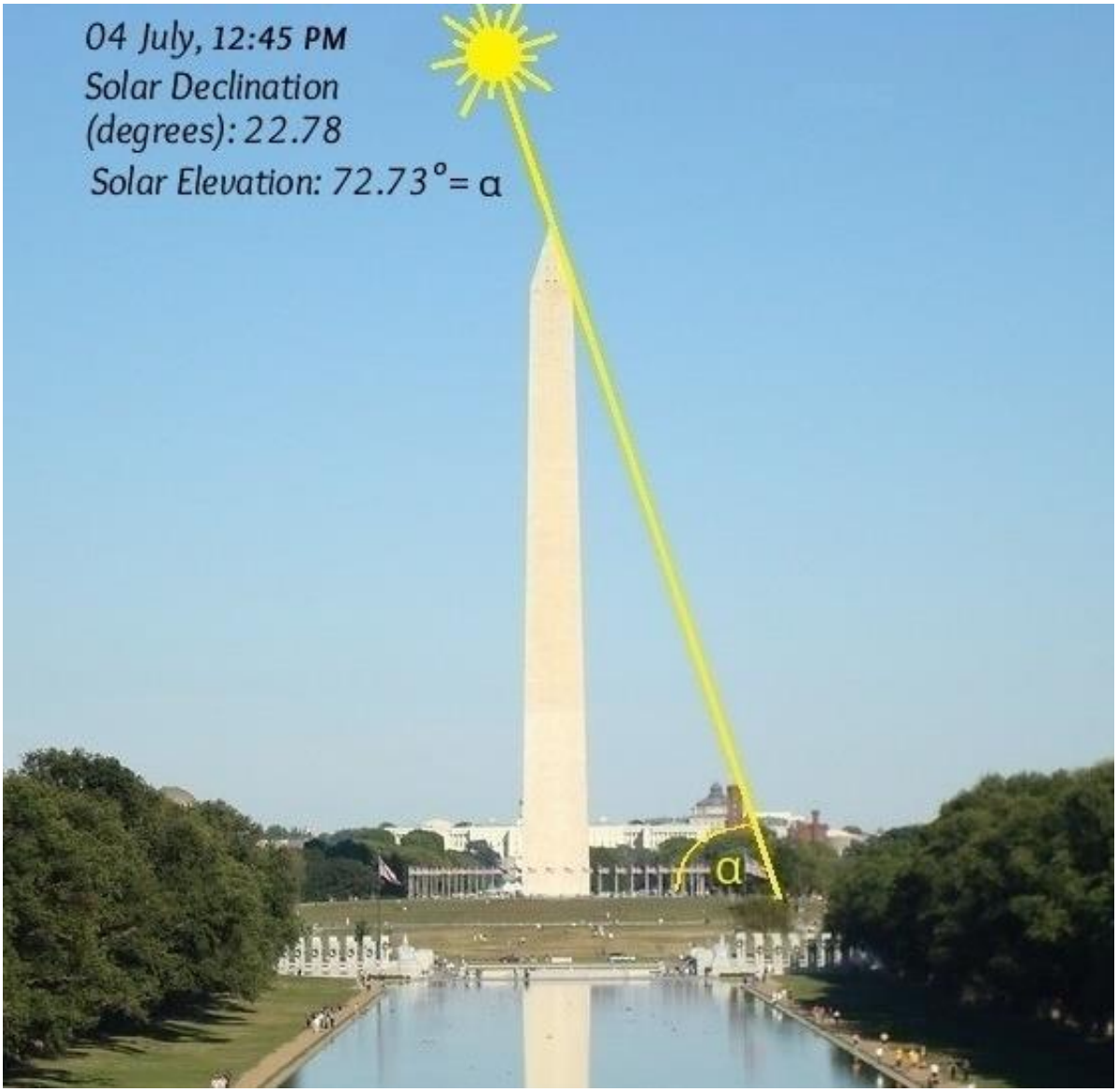
OBELISK IN WASHINGTON AND ITS SYMBOLISM



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Petko Nikolic Vidusa,
a record reader in the annual rings of ages.

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Contents

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The cornerstone was laid with great ceremony at the northeast corner of the lowest course or step of the old foundation on July 4, 1848. The cornerstone was laid below the 1848 ground level. In 1880, the ground level was raised 17 feet (5.2 m).

When the dimensions of a particular architectural plan are said to the general public, they are almost never 100% accurate, but the dimensions are almost identical to the measures calculated in the architectural plan. So is the dimension 5.2 meters as the closest measure to the original dimension in the architectural plan: **5.234071803 meters**. To find out the meaning of this measure, apart from its literal physical construction sense, we need to use the geometry of the Circle **T** and the Square **ABCDA** of the same surface (*Figure 1*).

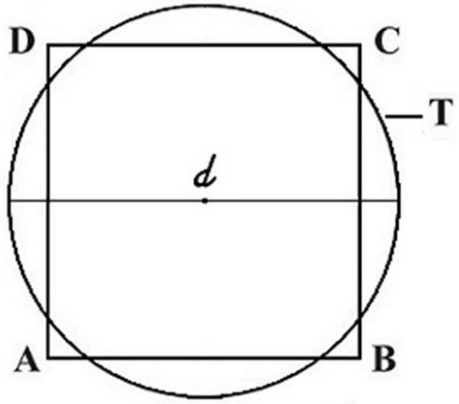

Figure 1. *Geometry of the cornerstone ground level.*

• **AB** = 5.234071803 m = 17.17215158 feet = 206.065819 inches = the width of the King's Chamber in the Great Pyramid;

• **d** = 2.953010038 m = 116.2602377 inches = the length of Antechamber in front of the King's Chamber;

• circumference of the Circle **T** = **365.242** inches = **9.277146805** cm: the four sides of the base of the Great Pyramid are long **927.71468** meters or **36,524.2** inches.

It is so clear that the depth of the cornerstone of the Washington Obelisk is a measuring symbol of the Great Pyramid. Also interesting are the dimensions of this cornerstone: 0.76 meters high and 2 x 2 meters wide:

a) *Standard atmosphere*, unit of pressure, equal to the mean atmospheric pressure at sea level. It corresponds to the pressure exerted by a vertical column of mercury (as in a barometer) 76 cm (0.76 m);

b) 2 x 2 = 4

c) 4 : 3.14159 = 1.273240621 = the tangent of the ascent angle of the Great Pyramid (tan. 51.85399754°);

d) √1.273240621 = 1.128379644

e) 1.128379644 x 365.242 = 412.1316378 = the length of the King's Chamber in the Great Pyramid (in inches).

Figure 2. *Washington Monument (obelisk).*

HEIGHT OF THE OBELISK

The Washington obelisk (Monument) is the target of tourists, photographers and mystery lovers. Tourists look at him admiring his monumentality, photograph him for memories and evidence that they were there, and mystery lovers try to make sense of him, and mostly hear wrong opinions that it is a sign of godlessness, the phallus, the building of Antichrist with satanic meaning. Nothing is so, but the purpose of the obelisk is metrology combined with the symbolism of numbers.

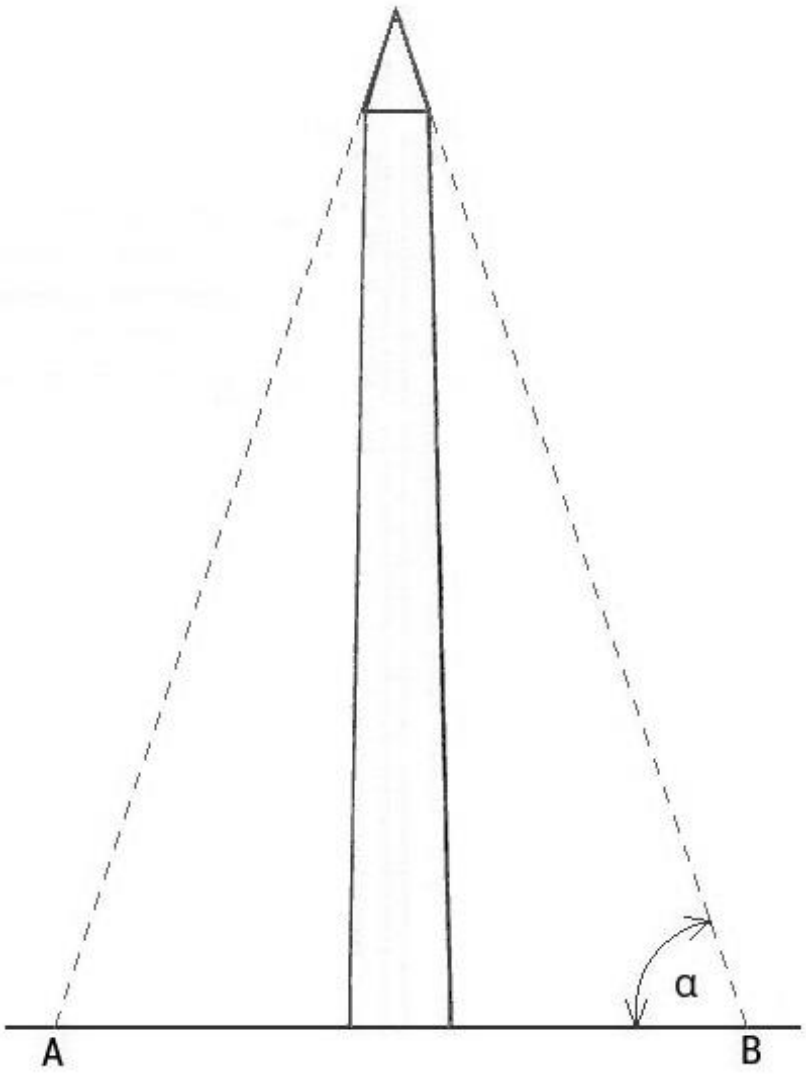

Figure 3. *Washington Obelisk Measure Directions***.**

When an architect creates an architectural plan for a future object, it does all kinds of mathematical calculations. Thus, all of the building's measures from that plan are used in the construction of the building, but 100% of the architectural plan's exact dimensions cannot be transferred to the building, as the plan can measure up to tenth and hundreds parts of a millimeter, and workers can transfer measures to the building in millimeters or half a millimeter.

In architectural plan measures symbolism can be encoded. Measures of the architectural plan may encode the symbolism of the times, and at some length may encode the time of construction or the day and year of some historical event, or, for example, a geographical measure. Some of these measures are coded in the Washington Monument measures.

The Obelisk height is 165.7574918 sacred cubits = 555 feet, 5 inches and 1/8 inches = 6665.125 inches = 16,929.4175 centimeters = 169.294175 meters. Now let's look at the symbolism of the numbers:

- **1 year** = 365.242 days
- height of the Obelisk = 16,929.4175 cm

a) 16,929.4175 : 365.242 = **46.35123425 cm**

b) 1000 x 46.35123425 = 4635.123425 cm = **0.4635123425 km**

Let's take the number **0.4635123425** as the number of kilometers and here is the result: shift that spatial length as speed per second over the course of one day (24 hours):

0.4635123425 x 60" x 60' x 24h = **40,047.46639 km**

So, if an object were moving at a speed of 0.4635123425 km per second, it would exceed the length of the Earth's equator in one day (the official measure is about 40,075 – 40,077 km). **Thus we see that the number 0.4635123425 km is the speed of the Earth's rotation about its own axis.**

A total of 36,491 stone blocks were built into the obelisk. If these blocks are symbols of the number of days, we will get the result:

36,491: 365.242 (days) = 99.90910136 years = **1 century** (2 hours and 11 minutes less than a full century).

THE BASE

The base of the Obelisk has an outer dimension of 55.12898566 feet = 661.5478279 inches = 1680.331483 centimeters = 16.80331483 meters = **AB** (*Figure 4*). The area of the Circle **T** is equal to the area of the Square **ABCDA**: 282.3513892 m². The diameter (**d**) of the Circle **T** = 18.9605184 meters. The circumference of the Circle is 59.566175 m. What is the meaning of these geometric measures? Let's look closely: the height of the Obelisk is 169.294175 meters. If we subtract 59.566175 m (circumference of Circle **T**) from the total height, we get 109.728 m = **1 skein**. What is **skein**?

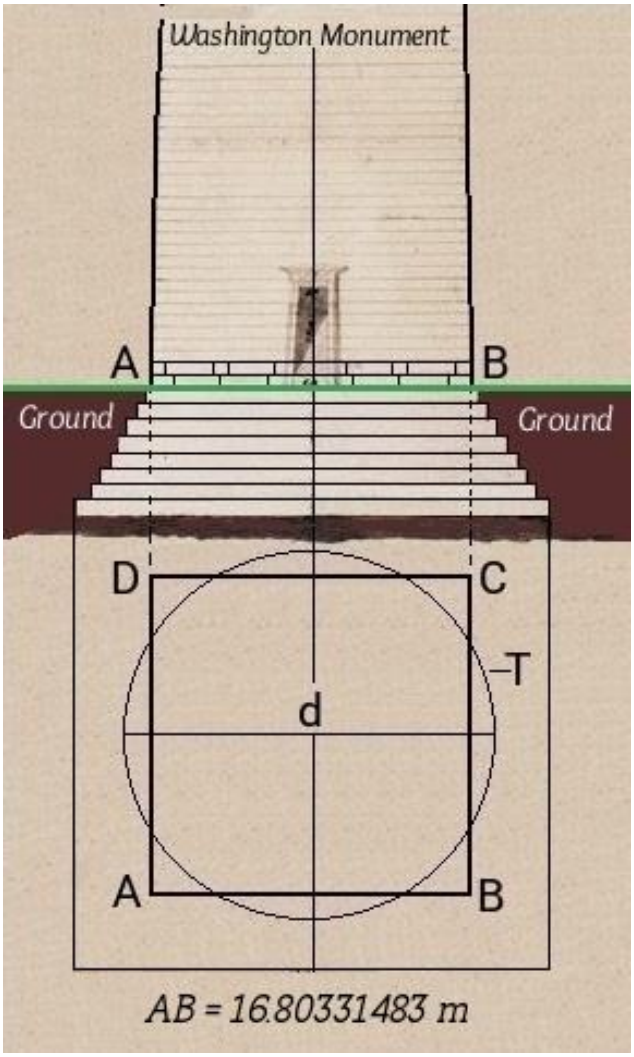

Figure 4. *Geometry of the Washington obelisk base.*

Skein is a measure of the length of thread or yarn (British Imperial System): 1 skein = 120 yards = 360 feet = 4320 inches = 109.728 meters: **if a certain object was to travel with the speed of 1 skein (109.728 m) for 1 day, for 1 year of 365.242 days he would travel the length of the Earth's equator: 40,077.27418 km.**

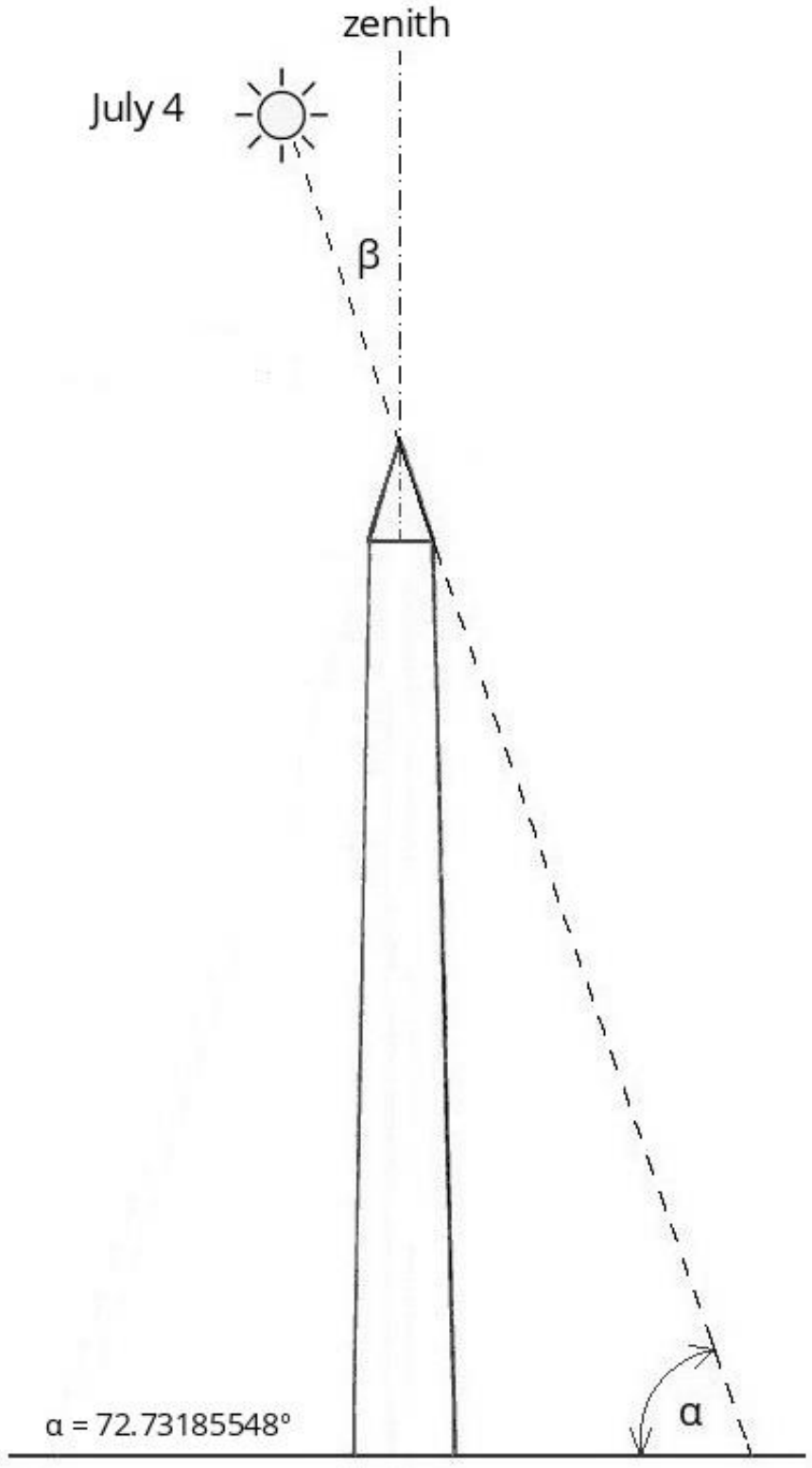

Figure 5. *July 4th (Independence Day): around noon that day the angle of Sun elevation is equals to the angle of the pyramidion (α) on top of the Obelisk.*

The Obelisk is dedicated on July 4th, the U.S. Independence Day. On that day, the Sun is farthest from Earth (aphelion). Around the middle of that day elevation of the Sun (solar elevation) is exactly aligned with the angle of the pyramidion at the top of the obelisk: 72.73185548 degrees: tangent of the angle is 3.216928743.

THE PYRAMIDION

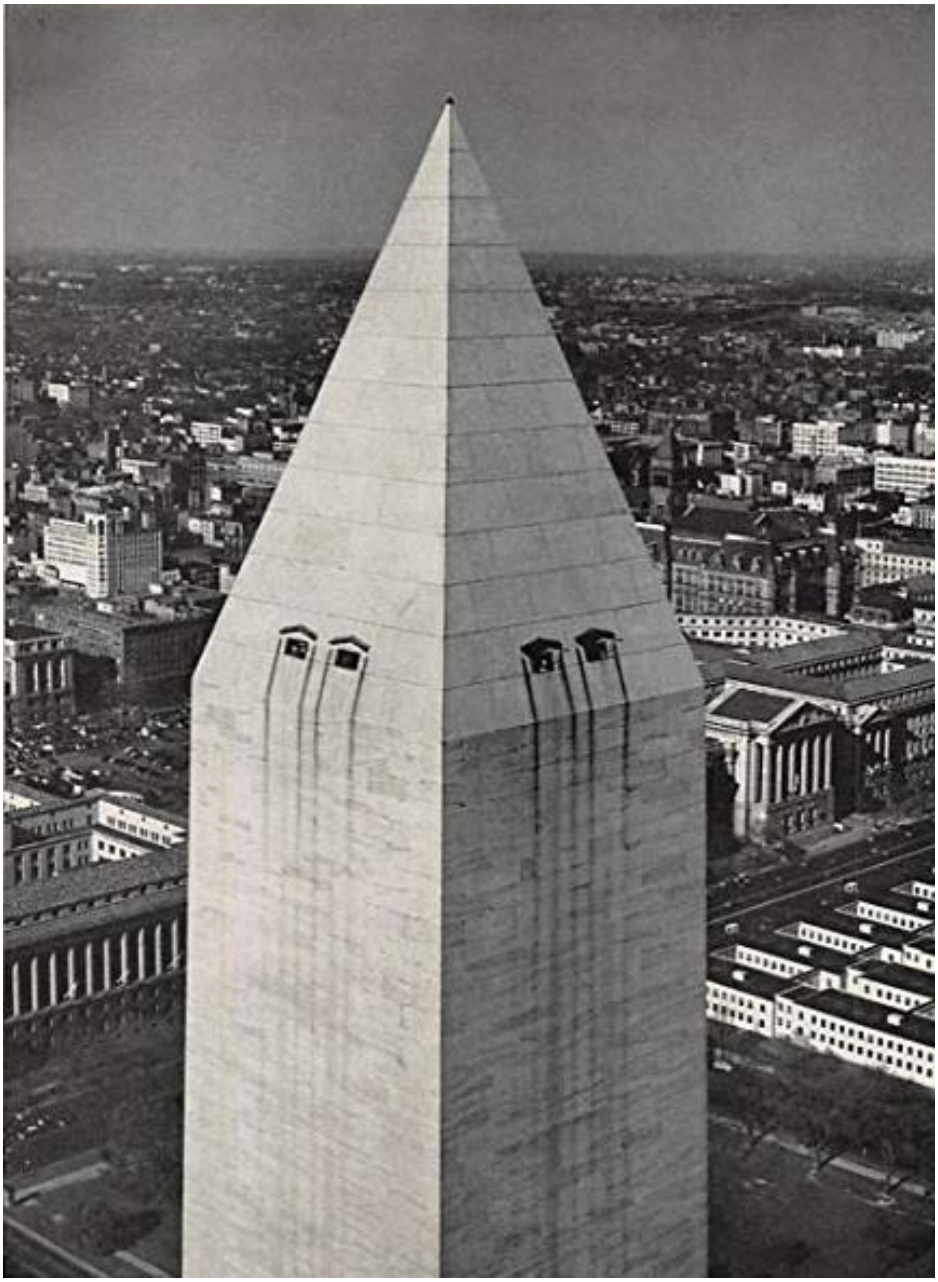

Figure 6. *The pyramidion with 13 marble rows.*

The pyramidion is divided into 13 horizontal rows. The twelve rows are the symbol of the twelve months of a year, and the thirteenth at the top is the symbol of the 4th of July (Independence Day).

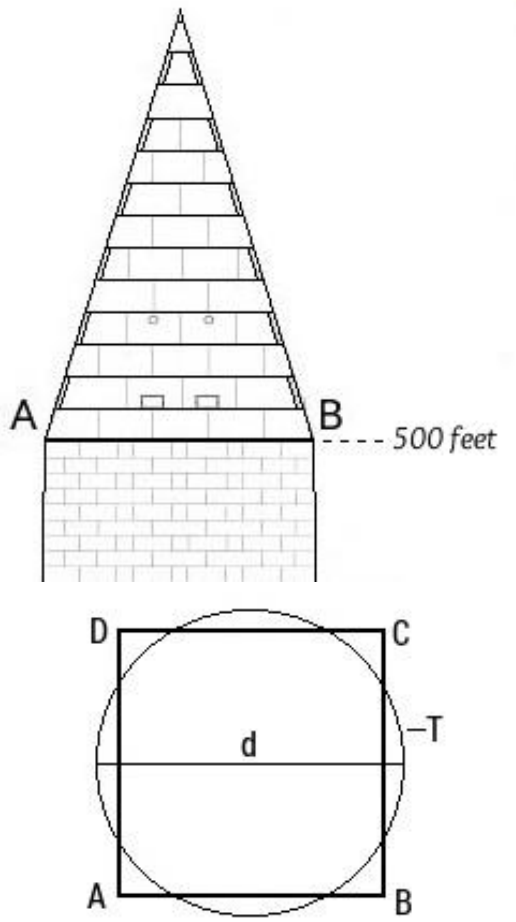

Figure 7. *Pyramidion height geometry.*

Up to the top of the aluminum pyramid the pyramidion is high 55.4270833 feet = = 665.1249996 inches = 16.89417499 meters = length **AB** (*Figure 7*). The surface area of the Square **ABCDA** is 285.4131486 m², so is the area of Circle **T**. The diameter of Circle **T** is 19.06304316 m, and the circumference of the Circle is 59.88826575 meters.

The Obelisk height is 169.294175 meters:

169.294175 - 59.88826575 = 109.4059093 meters

Should an object move at a speed of 109.4059093 km per day, in 365.242 days (one year), it would have crossed 39,959.63311 km = 24,829.76486 miles = Earth's polar circumference.

Base length of pyramidion (**AB**, *Figure 8*) = 34.45962763 feet = 413.5155316 inches = 1050.32945 centimeters. The Great Pyramid has a slope angle of 51.85399754°, and tangent of this angle is 1.273240621. The length of the tropical year is 365.242 days:

365.242 : 1.273240621 = 286.8601535 days as units of time = circumference of the Circle **T** (*Figure 8*). The diameter (**d**) of the Circle **T** is 91.3105 units, and the radius is 45.65525 units. The area of Circle T is 6548.336016 square units, and so is the area of Square **ABCDA**. Each side of the Square is 80.9217895 units long.

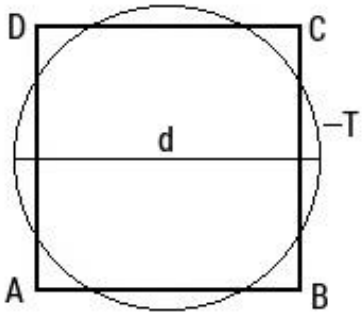

Figure 8. *Geometry of the pyramidion base.*

Base length of pyramidion **AB** (*Figure 7, 8*) = 34.45962763 feet = 413.5155316 inches = 1050.32945 cm:

1050.32945 : 80.9217895 = 12.97956282 units = days from the summer solstice on **21th** June to **4th** July.

So the pyramidion is the symbol of **July 4th**, the symbol of **Independence Day** and **Sun aphelion day**.

THE CAPSTONE AND THE ALUMINIUM PYRAMID

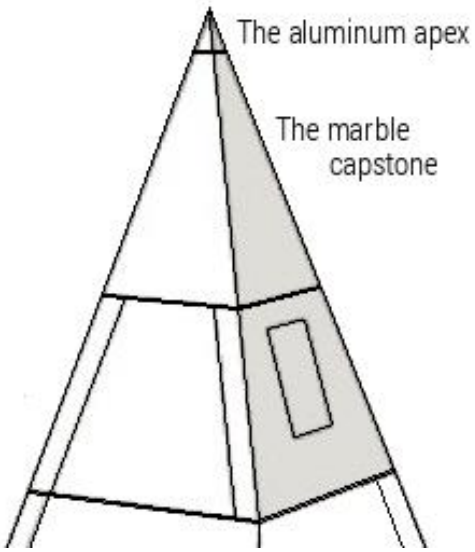

Figure 9. *The marble capstone on the top of the pyramidion.*

The top of the pyramidion is a large marble capstone with a small aluminum pyramid at its apex with inscriptions on all four sides. The height of the capstone is **1.57** meters and this is half the number **Pi** (3.14 : 2 = **1.57**).

At the top of the capstone is the small aluminum pyramid. Its base is 5.587474673 inches or 14.19218567 centimeters square.

Because the angle of inclination of the sides of the pyramidion is 72.73185548 degrees and its tangent is 3.216928743, the height of the aluminum pyramid is 22.827625 cm or 8.987253939 inches. These measures are symbols of the length of seasons:

***Figure 10**. The aluminum apex*

a) 22.827625 x 4 = 91.3105 = number of days of one season;

b) 22.827625 x 8 = 182.621 = half of the year;

c) 22.827625 x 16 = 365.242 = 1 year

Each side of the base of the aluminum pyramid is 14.19218567 cm long. The four sides together are 56.76874268 cm long. The tangent of the pyramidion's ascent angle four is 3.216928743. Behold:

56.76874268 x 3.216928743 = **182.621** = half a year.

The weight of the aluminum pyramid is 100 ounces or 2.83 kg. The density of aluminum is 2.83 g/cm³ at 20 °C or 68 °F *. According to the codes of the Great Pyramid, time can be encoded in length and volume measures:

• 1 day = 2.466586509 cm;

• 2.466586509^3 = 15.0068332 cm^3 = 0.015006833 liters = 1 day. How many days are coded 2.83 kg? The weight of 100 ounces is 2.83 kg:

2.83 : 0.015006833 = 188.5807618 days.

The density of aluminum is 2.83 g/cm^3: 188.5807618 : 2.83 = 66.63631159 days.

66.63631159 days per 0.015006833 liters = **1 liter** = **1 kg** of pure water = cube size 10 cm x 10 cm x 10 cm = perfect cube (ashlar).

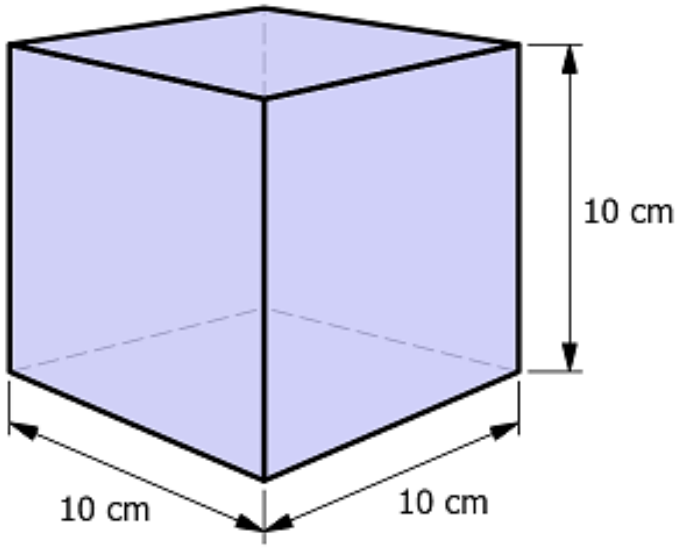

Figure 11. *Perfect cube (ashlar).*

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** Joseph R. Davis (Editor), Aluminum and Aluminum Alloys, Russell Township, Geauga County, Ohio; ASM International, 1993, p. 702. ISBN: 978-0-87170-496-2*

PYRAMID'S GRAND GALLERY AND THE OBELISK

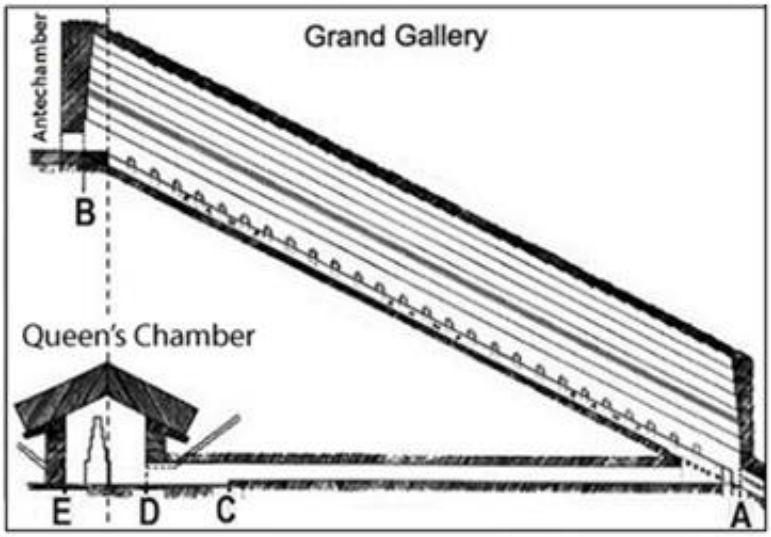


Figure 12. *The Grand Gallery in the Great Pyramid.*

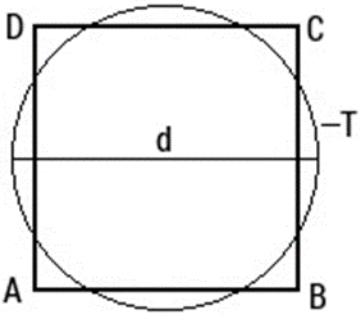


Figure 13. *Geometry of the number 1 (one).*

The length of the Grand Gallery floor line (**AB**, *Figure 12*) is **1881.130161** inches. Let's look at the geometric proportions of this length with respect to the geometry of the number 1 (one) and the height of the Obelisk (*Figure 13*):

• **AB** = **1** inch

• Area **ABCDA** = **1** square inch = area of the Circle **T**;

• **d** = 1.128379644 inches;

• circumference of the Circle **T** = **3.544906205** inches;

• height of the Obelisk = **6665.125** inches;

6665.125 : 3.544906205 = **1880.197843** inches

1881.130161 - 1880.197843 inches = 0.93231808 inches = 2.238087923 cm shorter than the floor-length of the Grand Gallery.

THE OBELISK AND DURATION OF THE WORLD

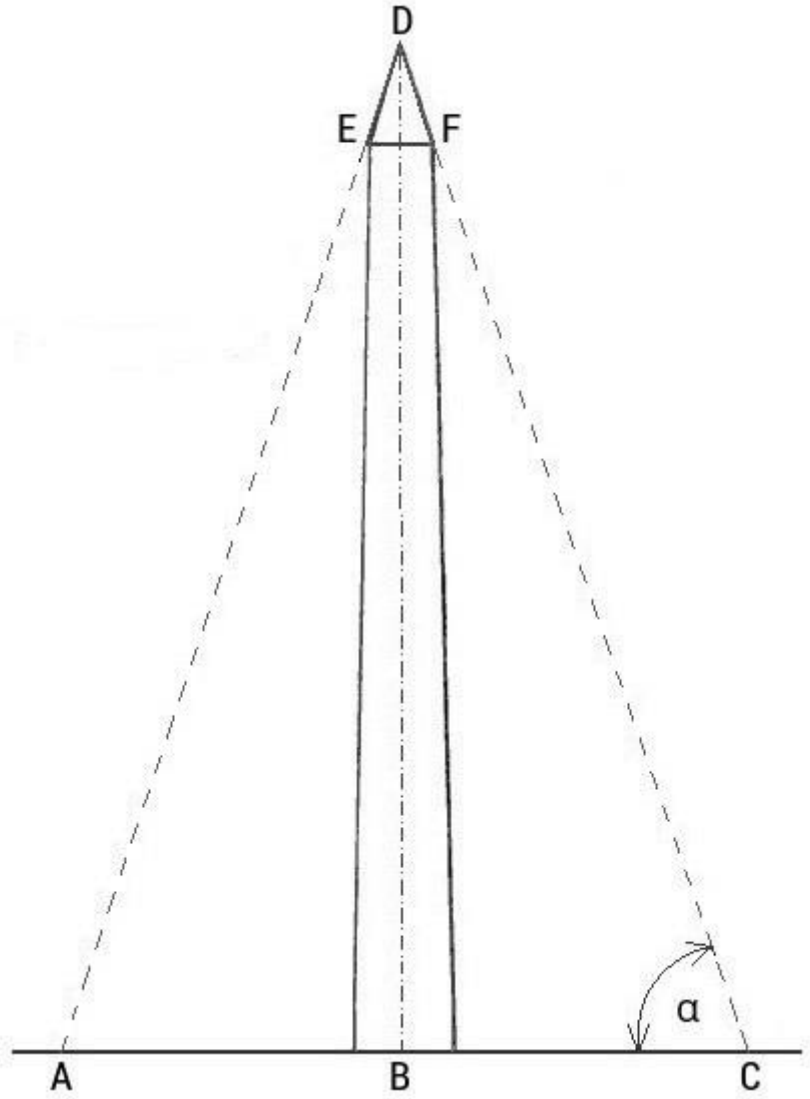


Figure 14. *Directions and measures that show the total time of this world.*

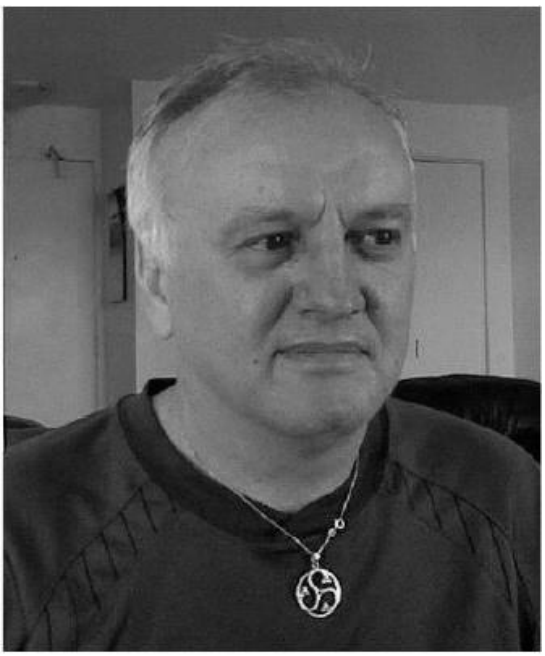
• **BD** = 555.4270833 feet = 6665.125 inches = **266.605** SC (SC = sacred cubits = 25 inches);
• **AC** = **165.7512623** SC;
• **EF** = 34.45962763 feet = 413.5155316 inches = 1050.32945 cm = 16.54062126 SC;
• **10EF** = **165.4062126** SC

(BD + AC) + 10EF = (**266.605 + 165.7512623**) **+ 165.4062126** = **597.7624745 SC**.

The sum of the length of the base of the Great Pyramid and its height (365.242 + 232.5204755 SC) is 597.7624755 sacred cubits.

According to one of the codes of the Great Pyramid 1 sacred cubit is worth **20.19176875** years: **597.7624745** SC = **12,069.882** years from the Creation to the transformation of this world (**2070 AD**). The Gr. Pyramid and the Obelisk mark the same time.

AUTHOR



Petko Nikolic Vidusa was born on 27 October 1951 in the village Vidusha near Kakanj, Bosnia. He attended elementary school Modrinje (Kakanj municipality) and Perin Han near Zenica, and secondary school in Zenica. He studied in Sarajevo. He was a teacher. Since the beginning of the war in Bosnia in 1993, he lives in Canada.