

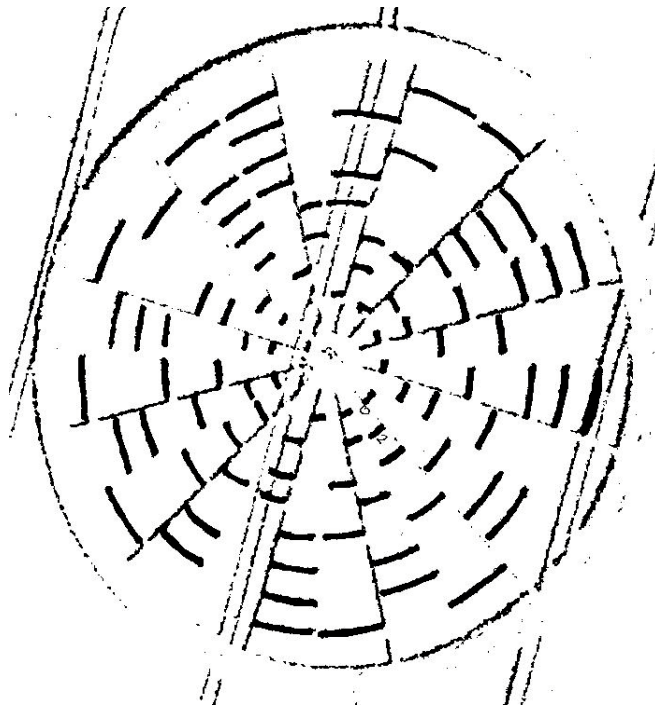
Earth/matriX  
Science in the Crop Circles

**Crop Circle Positional Math**  
*(August, 2010)*

Charles William Johnson

Before I present the analyses of some crop circles that I wrote during the mid-90s, I would like to suggest a few ideas regarding one of the recent crop circles, the one cited at Wilton Windmill in Wiltshire on the 22nd of May 2010. Below is contrast rendering of it. To view its majesty, please, visit the marvelous web-site [www.cropcircleconnector.com](http://www.cropcircleconnector.com).

***Wilton Windmill, nr Wilton, Wiltshire. Reported 22nd May 2010***  
***www.cropcircleconnector.com***



The reason that I quoted the lyrics of an Irving Berlin song in the presentation of the section on crop circles on the Earth/matriX web-site is to emphasize the fact that whoever the individuals are who are making the numerous crop circles throughout the world appear to attempt to better themselves every time a new circle appears.

*“Anything you can do I can do better; I can do anything better than you.” -[Irving Berlin, 1946]*

The Wiltshire crop circle falls within that attempt to constantly improve upon the previous circles. In general, the crop circles appear to represent the product of some kind of competition, one trying to better the other. Behind that betterment, however, may exist a designed purpose, in teaching us how to identify the meanings encoded into the crop circles. Let us see if that may be true.

This particular crop circle as a few analysts have stated supposedly represents ASCII numbers. Let us consider the possibility that the dashes along the radii of the twelve sectors of the circle represent do not represent ASCII numbers, but rather sequential natural numbers as in 1,2,3,4,5,6,7,8,9,0. The sequence runs from the center of the circle to its circumference outwardly.

No doubt, many of the crop circles appear to reflect encoded mathematical and geometrical patterns. At least, that is what different analysts today propose in searching for the meanings of the crop circles. Many of the mathematical and geometrical analyses that can be viewed on various web-sites such the *www.cropcircleconnector.com* are extremely suggestive regarding the use of pi, phi, the Fibonacci series, among many other aspects of geometry and math.

However, in my mind, finding the expression of pi within a circle or even that phi, or the Golden Ratio, or a Fibonacci series of numbers could result from the nature of the geometrical figures employed and not from some conscious intelligent design. In other words, possibly there is no intelligent design behind a given circle in relation to some other geometrical figure, say a square, but simply that those geometrical figures contain relationships of pi as such given their natural composition.

For those crop circles that are evidently made by human beings on this planet, well, we may consider from the start that they represent a conscious, intelligent design. But, for some of the most complex crop circles, measuring hundreds of meters in expansive size, which are not so obviously made by human beings, the existence of a conscious intelligent design comes into question. Are some of the crop circles being produced by beings not of this Earth, residents from afar, possibly from another solar system in another galaxy. One would want to be able to identify those particular conscious, intelligent designs as distinct from the ones being made by human beings here on Earth.

Is it possible, then, to distinguish between a conscious, intelligent design made by human beings from one made by beings other than of this Earth. That is the task at hand in my mind. The crop circle that I have chosen to initiate this discussion, in my view, presents a conscious intelligent design that does not obey the general reasoning about geometry and math as we are taught in school. The fact that many analysts identify the design as one reflecting the ASCII Code, and not simply natural numbers, attests to this idea.

In order to identify an intelligent design or pattern within math and geometry, one might analyze the apparently random dashes within the Wiltshire crop circle cited above. In my view, this crop circle portrays a definite pattern that suggests the existence of a consciously intelligent design unlike the way we generally think on Earth. The dashes at first sight, as they appear, suggest a random placement, but upon closer consideration, they obey an intelligent, conscious design based on the natural numbers.

In this analysis, I shall examine the natural numbers coming out of this design as of the binary system and as of the ASCII Code. For, no matter what, both the binary numbers and the ASCII Code numbers are ultimately based upon the natural numbers.

But, the natural numbers within the Wiltshire crop circle are based on a positional math; depending upon the position of the dashes within the geometry of the crop circle, certain values are assigned to each dash, and therefore to each sector of the circle. Those assigned values of the natural numbers, can then be employed to derive an analysis based upon the binary numbers and the ASCII Code numbers reflected and derived thereof. But, before I can explain the translation from the natural numbers to the binary

and ASCII numbers, it is necessary to examine the design of the natural numbers and their pattern within this particular crop circle.

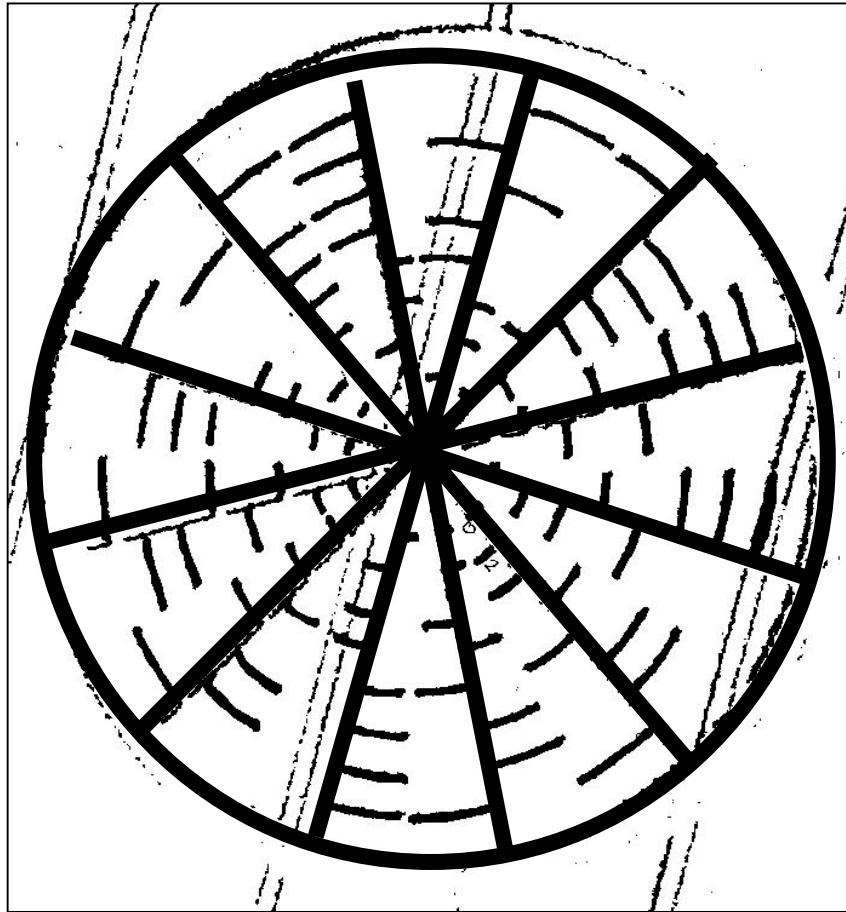
Let us suppose for a moment that this particular crop circle does not represent ASCII Code numbers or binary numbers, but merely natural numbers; plain and simple. So, let us suppose that whoever is communicating through the selective placement of dashes within the different sectors of the cited crop circle is employing an easily identifiable numerical pattern. The idea would be that if one is attempting to communicate to others, the designed pattern should be simple and easily accessible, not complex and obscure.

With the idea of simplicity, one could then assign a number to each dash according to the positional placement of the dash along the radii defining the different sectors.

The apparent division of the sectors in the circle suggests a pairing of 24 smaller sectors within each larger sector which are identifiably 12. In the following illustration, I have darkened the apparent six diameter lines that trace out twelve smaller sectors, two to each larger sector. This division comes from viewing the crop circle at first glance, which I would recommend viewing on the [cropcircleconnector-dot-com](http://cropcircleconnector-dot-com) web-site.

In a sense, then, there appears to be a misleading view of the crop circle made by those who made that particular crop circle. It were as though the makers of this circle were attempting to fool us into thinking that this is the way in which the design of the circle should be viewed. This obtains because there are no identifiable lines between the two smaller sectors in each of the twelve larger sectors. The darkened lines of the diameters of separating the twelve larger sectors are what are emphasized in the rendering of the crop circle itself. One need only consult once again the image of this circle that appears on page one of this essay. The definitely drawn lines between the larger sectors determine ones approach to an analysis of the small curved dashes registered within the sectors, emanating from the lines drawn by the six diameters.

## Implied Design by Sectors



The manner in which the crop circle appears in its dimensional aspect gives the impression that the sectors are divided into twelve paired smaller sectors as shown.

If one does not fall into the temptation of the apparent design as presented by the makers of this circle, then it is possible to draw the twelve sectors in a distinct manner from that suggested. The pairing of the dashes along the invisible radii/diameters creates a different pattern of twelve different large sectors and twenty-four smaller sectors.

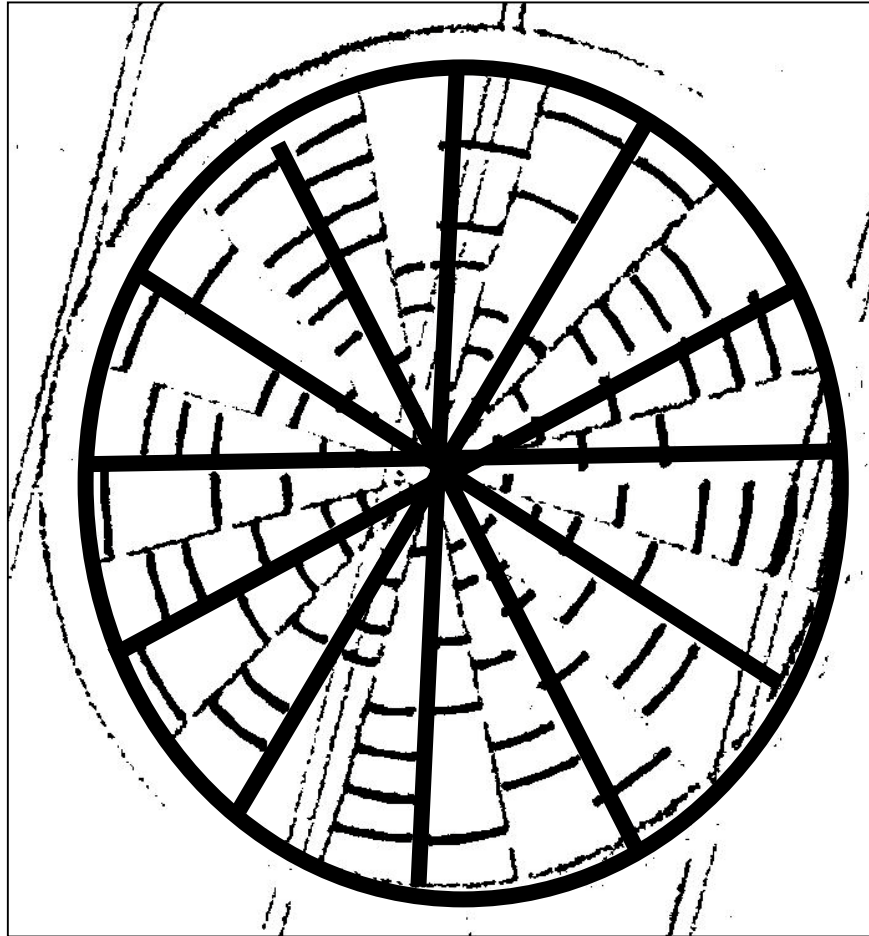
This distinct view, with the diameters darkened along the non-existing lines of the diameters between the smaller sectors creates an alternative pattern that is easily identifiable. And, the alternative pattern puts into perspective the curved dashes that now lie along the darkened lines of the newly drawn six diameters. It may be noticed now that the curved dashes along the alternative six diameter lines reflect positions of the numbers 1 through 8. The curved dashes spread out from the centerpoint of the circle towards its circumference, with the smaller dashes in the minor sectors and the larger curved dashes within the major sectors.

The alternative presentation, with the imaginary diameter lines expressly drawn in, creates different pairs of smaller sectors. The apparent random placement of the dashes as they appeared on the initial rendering of the circle, no longer appear to be random at all. Quite the opposite, the sets of curved dashes along the alternative darkened diameter lines now appear to obey a very simple rule.

The small curved dashes start on either side of the alternative darkened lines and run from 1 to 8 along those lines, from the center to the circumference, in a progressive manner, alternating on either side of a specific diameter line.

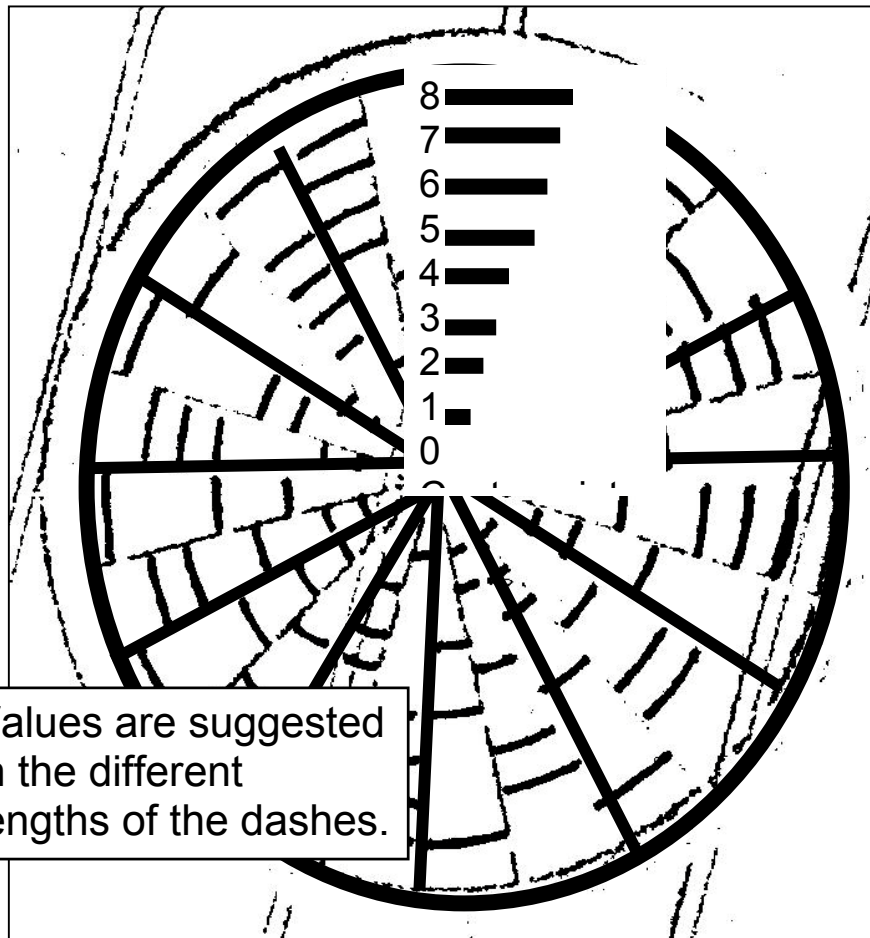
The next two illustrations present this perspective in the analysis. The first illustration shows how the alternate lines of the diameters separating the sectors are now drawn in a different manner than as suggested by the original design of the crop circle. And, in the second illustration I show how one may view the small curved dashes that run along these alternative diameters, running from a positional value of one through eight [1,2,3,4,5,6,7,8] ---with the center of the circle being zero [0]. Note, there is no positional dash for the number nine on any of the sectors. So, the natural numbers chosen for the design of this particular crop circle are the natural numbers zero through eight.

## Design by Sectors According to Math



According to the positional math of the dashes  
this particular crop circle would be divided  
along

Positional Dashes by Numerical Value  
Design by Sectors According to Math  
Lesser to Greater Values from  
Minor Sector to Major Sector



Values are suggested  
in the different  
lengths of the dashes.

Each sector contains two sets of encoded  
positional numbers. Each pair of sets of  
numbers per sector sums 12345678 as  
shown in the following illustration.

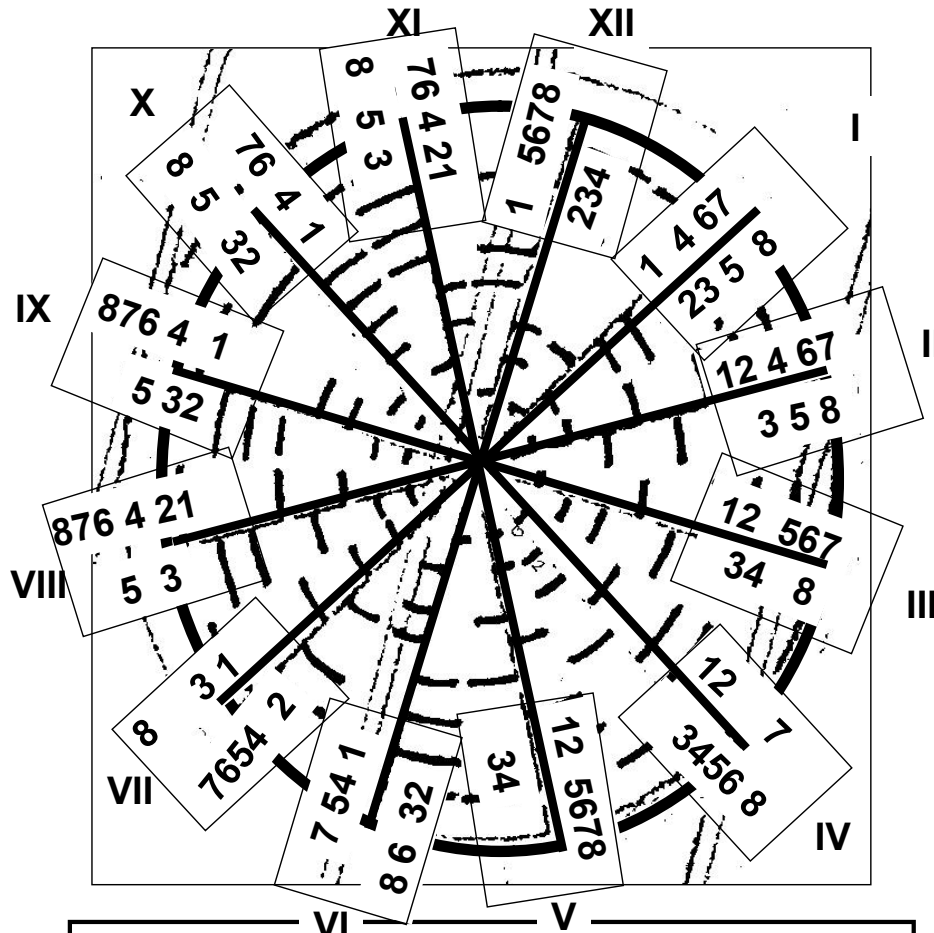


Earth/matriX: Charles William Johnson  
Crop Circle Positional Math

Once the alternative sectors are paired in the previous manner as shown on the illustrations, it becomes obvious that each sector contains a complete set of natural numbers. Each darkened diameter line has on either side or the other one of the natural numbers from one to eight. No pair of smaller sectors lacks a specific natural number. In this sense, the pattern is obvious and complete in that it presents a distinct placement and arrangement of the natural numbers along the six diameter lines.

The following illustration shows how each particular pair of smaller sectors contains the complete number of curved dashes positioned to represent numerical values of 1,2,3,4,5,6,7,8. Each of the eight natural numbers lies on either side of a specific alternative diameter line. Each pair of smaller sectors, in this manner, contains a complete set of the natural numbers one through eight.

Design by Sectors According to Math  
Each Radius Registers Dashes on  
Either Side of Its Length



According to the positional math of the dashes  
this particular crop circle would be divided along  
the **diametians** as shown with paired numbers.

Once the pattern of eight curved dashes per pair of smaller sectors is identified, it then becomes possible to assign a numerical value to the presence or absence of a curved dash along the six alternate diameter lines.

When a particular dash is present, then that positional numerical value is registered. When there is no particular dash present, in other words, when a dash is absent, then a zero is assigned to the placement with the series of natural numbers as shown in the following illustration.

I have chosen a random example to illustrate this point. Along the alternate diameter line of sector six, there appear five curved dashes above the diameter line and three curved dashes below it. Therefore, these numbers would be written as follows:

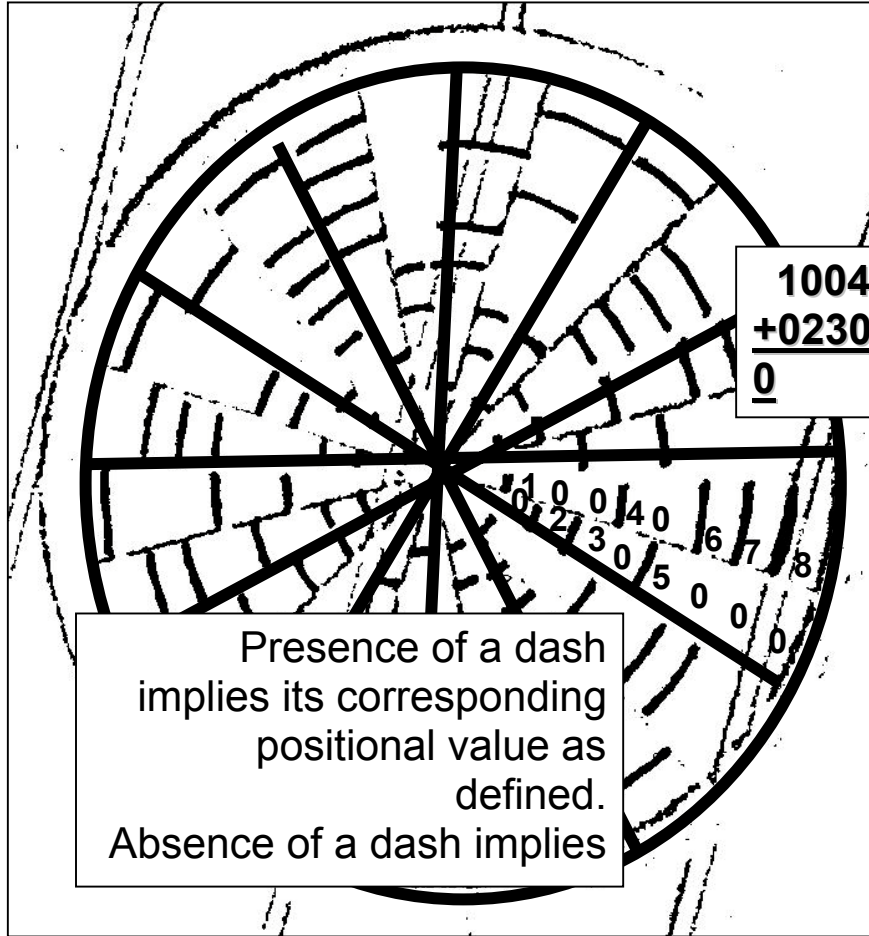
10040678 [curved dashes above the diameter line]

02305000 [curved dashes below the diameter line]

The first number tells us that the curved dashes appear for the positions of 1,4,6,7,8 above the line, and for the positions of 2,3,5 for the curved dashes below the line. Yet, in order to identify the numerical pattern, it is possible to represent the absence of a curved dash either above or below the line with a zero.

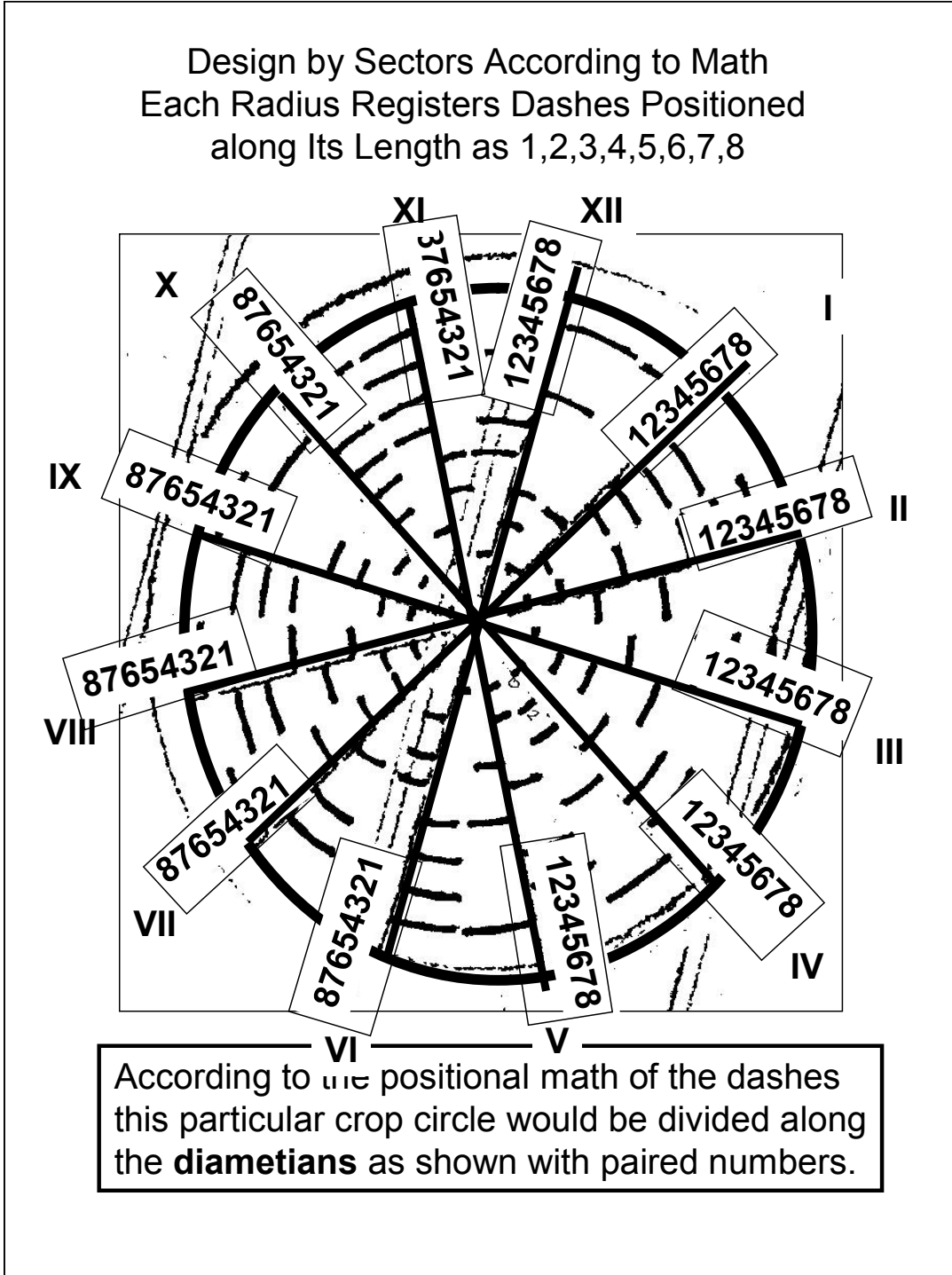
By doing so, it is now possible to compute different patterns within the sets of numerical values. In other words, the numbers 10040678 and 02305000 may be summed, multiplied, subtracted and/or divided by one another in search of meaningful patterns of historically significant numbers or, scientifically significant numbers.

Design by Sectors According to Math  
Presence/Absence of a Dash  
Determines Numerical Value along the  
Radii



Each sector contains two encoded  
positional numbers similar to the two  
examples in this illustration. Each pair of  
numbers per sector sums 12345678.

Each pair of smaller sectors contains a complete set of eight curved dashes along the diameter lines as illustrated.



One would necessarily ask why would such a complex-looking crop circle has such a unique and simple resolution based on simple math. One must ask why did the makers of the circle emphasize the original diameter lines which do not allow one to easily identify the basic pattern within the circle's design. One can only imagine that the purpose might be that of deception, making it harder for the viewer to discern the underlying pattern within the circle's elements.

One may suspect that the combination of numerical values arranged in the manner cited here contains information that should reveal to us some inner meaning to the design. In other words, by combining the different sets of curved dashes along the different diameter lines, numerical values are being suggested that have some kind of meaning that we should resolve. Otherwise, one could expect a more simple design by merely placing the eight curved dashes along each diameter line without any alternating placement or positioning.

In other words, the positional math contains a specific meaning that may not be obvious to us at first glance. However, upon viewing the positional math and its subsequent pattern, one does recall the positional math of the Maya Long Count. For example, were we to assign the Maya Long Count numbers to the positional math of the cited crop circle, then, the numerical values coming into relationship with one another would be extremely complex compared to the elementary assignment of values one through eight. For example, compute what the positional values would be were they to represent the Maya Long Count fractal values: 36, 72, 144, 288, 576, 1152, 2304, and 4608 for the eight positions/placements. That would be mind-blowing to say the least.

In my view, the crop circle represents a teaching aid, a learning tool, a manner for viewing the geometrical designs that are being created with a certain degree of flexibility. It is somewhat like creating a common language.

Each particular crop circle appears to reflect its own mathematical and geometrical design and corresponding method of analysis. Therefore, it is necessary to approach each crop circle from its own internal logic, thus avoiding imposing our own way of thinking, such as looking for specialized systems of numbers as in the ASCII Code.

There may be other crop circles which do reflect the ASCII Code, but this particular circle can be resolved as of basic math and natural numbers.

Once the numbers are derived into pairs, it is obvious that each pair sums to 12345678.

***Sector One Pair***  
***10040670 Begin***  
***02305008***

***Presence/Absence of Curved Dashes***  
***dash-space-space-dash-space-dash-dash-space***  
***space-dash-dash-space-dash-space-space-dash***

**Sector Two Pair**  
**12040670**  
**00305008**

**dash-dash-space-dash-space-dash-dash-space**  
**space-space-dash-space-dash-space-space-dash**

**Sector Three Pair**  
**12005670**  
**00340008**

**dash-dash-space-space-dash-dash-dash-space**  
**space-space-dash-dash-space-space-space-dash**

**Sector Four Pair**  
**12000070**  
**00345608**

**dash-dash-space-space-space-space-dash-space**  
**space-space-dash-dash-dash-dash-space-dash**

**Sector Five Pair**  
**12005678**  
**00340000**

**dash-dash-space-space-dash-dash-dash-dash**  
**space-space-dash-dash-space-space-space-space**

**Sector Six Pair**  
**10045070**  
**02300608**

**dash-space-space-dash-dash-space-dash-space**  
**space-dash-dash-space-space-dash-space-dash**

**Sector Seven Pair**  
**10300008**  
**02045670**

**dash-space-dash-space-space-space-space-dash**  
**space-dash-space-dash-dash-dash-dash-space**

**Sector Eight Pair**  
**12040678**  
**00305000**

**dash-dash-space-dash-space-dash-dash-dash**  
**space-space-dash-space-dash-space-space-space**

**Sector Nine Pair**  
**10040678**

**dash-space-space-dash-space-dash-dash-dash**

**02305000**                      **space-dash-dash-space-dash-space-space-space**

***Sector Ten Pair***

**10040670**                      ***dash-space-space-dash-space-dash-dash-space***  
**02305008**                      ***space-dash-dash-space-dash-space-space-dash***

***Sector Eleven Pair***

**12040670**                      **dash-dash-space-dash-space-dash-dash-space**  
**00305008**                      **space-space-dash-space-dash-space-space-dash**

**Sector Twelve Pair**

**10005678**                      **dash-space-space-space-dash-dash-dash-dash**  
**02340000**                      **space-dash-dash-dash-space-space-space-space**

Note that Sector One Pair and Sector Ten Pair present the same paired values [10040670; 02305008]. This would suggest a beginning and an end to a cycle or half-cycle. Then, Sector Two Pair and Sector Eleven Pair are the same paired values [12040670; 00305008], suggesting the first step to each cycle or half-cycle. The repetition of numerical values confirms the existence of a consciously designed pattern; in that the numbers are not randomly situated.

From the previous list of pairs, it becomes obvious that each pair sums to 12345678. Consider the following computations. One may simply note the presence/absence of the numerals 1 through 8 at any position within the paired small sectors as illustrated. The zero represents the absence of a natural number [ 1 through 8], and not the centerpoint zero of the circle.

***Sector One Pair***

**Positional Values**

$$\begin{array}{r} 10040670 \text{ Begin} \\ +02305008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1 \ 4 \ 67} \quad \textit{above the line} \\ 23 \ 5 \ 8 \quad \textit{below the line} \end{array}$$

**Sector Two Pair**

$$\begin{array}{r} 12040670 \\ + \underline{00305008} \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12 \ 4 \ 67} \quad \textit{above the line} \\ 3 \ 5 \ 8 \quad \textit{below the line} \end{array}$$



**Sector Three Pair**

$$\begin{array}{r} 12005670 \\ + 00340008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12 \ 567} \\ 34 \ 8 \end{array}$$

above the line  
below the line

**Sector Four Pair**

$$\begin{array}{r} 12000070 \\ + 00345608 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12 \ \ \ 7} \\ 3456 \ 8 \end{array}$$

above the line  
below the line

**Sector Five Pair**

$$\begin{array}{r} 12005678 \\ + 00340000 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12 \ 5678} \\ 34 \end{array}$$

above the line  
below the line

**Sector Six Pair**

$$\begin{array}{r} 10045070 \\ + 02300608 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1 \ 45 \ 7} \\ 23 \ 6 \ 8 \end{array}$$

above the line  
below the line

**Sector Seven Pair**

$$\begin{array}{r} 10300008 \\ + 02045670 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1 \ 3 \ \ \ 8} \\ 2 \ 4567 \end{array}$$

above the line  
below the line

**Sector Eight Pair**

$$\begin{array}{r} 12040678 \\ + 00305000 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12 \ 4 \ 678} \\ 3 \ 5 \end{array}$$

above the line  
below the line

**Sector Nine Pair**

$$10040678$$

$$\underline{1 \ 4 \ 678}$$

above the line

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Crop Circle Positional Math

$$\begin{array}{r} + 02305000 \\ \hline 12345678 \end{array}$$

23 5

below the line

*Sector Ten Pair*

$$\begin{array}{r} 10040670 \\ + 02305008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1\ 4\ 67} \\ 23\ 5\ 8 \end{array}$$

above the line  
*below the line*

*Sector Eleven Pair*

$$\begin{array}{r} 12040670 \\ + 00305008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12\ 4\ 67} \\ 3\ 5\ 8 \end{array}$$

above the line  
below the line

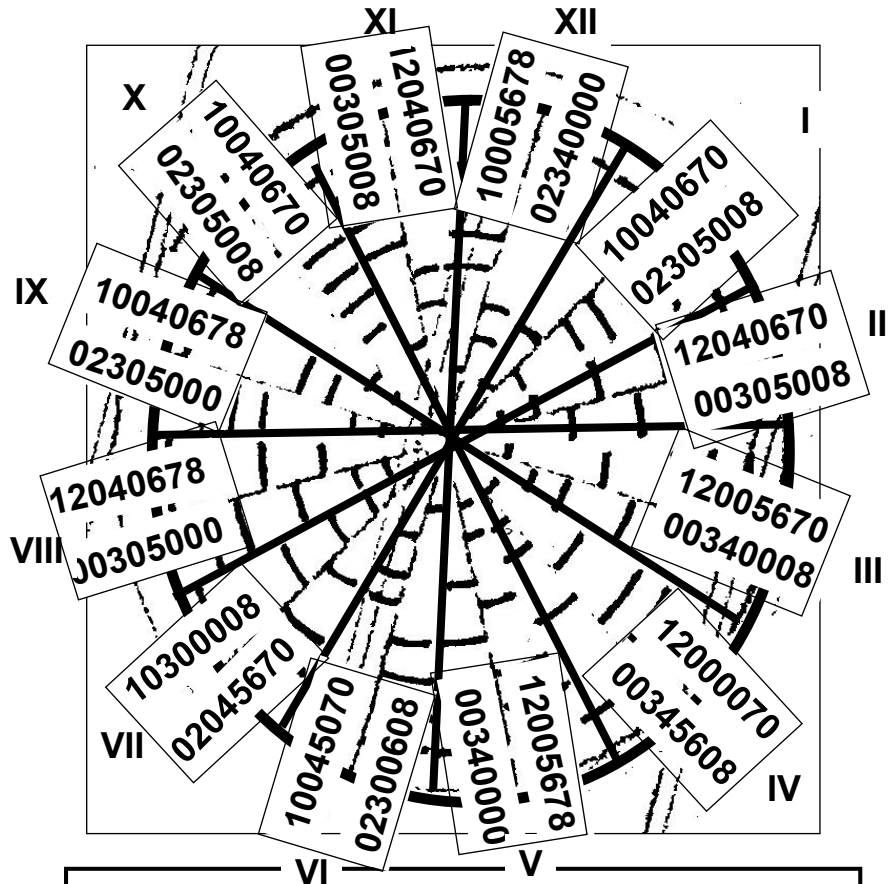
**Sector Twelve Pair**

$$\begin{array}{r} 10005678 \\ + 02340000 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1\ 5678} \\ 234 \end{array}$$

above the line  
below the line

Design by Sectors According to Positional Math  
Paired Numbers Sum 12345678



According to the positional math of the dashes  
this particular crop circle would be divided along  
the **diametians** as shown with paired numbers.

**Seven: Reciprocal**

**Sector One Pair**

**Positional Values**

$$\begin{array}{r} 10040670 \text{ Begin} \\ +02305008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1\ 4\ 6\ 7} \\ 23\ 5\ 8 \\ 240 / 168 = 1.428571429 \text{ reciprocal seven} \end{array} \quad \begin{array}{l} 1 \times 4 \times 6 \times 7 = 168 \\ 2 \times 3 \times 5 \times 8 = 240 \end{array}$$

**Sector Two Pair**

$$\begin{array}{r} 12040670 \\ + 00305008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12\ 4\ 6\ 7} \\ 3\ 5\ 8 \\ 336 / 120 = 2.8, 1.4, 0.7 \end{array} \quad \begin{array}{l} 1 \times 2 \times 4 \times 6 \times 7 = 336 \\ 3 \times 5 \times 8 = 120 \end{array}$$

**Sector Three Pair**

$$\begin{array}{r} 12005670 \\ + 00340008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12\ 56\ 7} \\ 34\ 8 \\ 420 / 96 = 4.375, 8.750, 17.5, 35.0, 70.0 \end{array} \quad \begin{array}{l} 1 \times 2 \times 5 \times 6 \times 7 = 420 \\ 3 \times 4 \times 8 = 96 \end{array}$$

**Sector Four Pair**

$$\begin{array}{r} 12000070 \\ + 00345608 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12\ \ \ 7} \\ 3456\ 8 \\ 2880 / 14 = 205.7142857 \end{array} \quad \begin{array}{l} 1 \times 2 \times 7 = 14 \\ 3 \times 4 \times 5 \times 6 \times 8 = 2880 \end{array}$$

**Sector Five Pair**

$$\begin{array}{r} 12005678 \\ + 00340000 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12\ 56\ 7\ 8} \\ 34 \\ 3360 / 12 = 280, 140, 70 \end{array} \quad \begin{array}{l} 1 \times 2 \times 5 \times 6 \times 7 \times 8 = 3360 \\ 3 \times 4 = 12 \end{array}$$

**Sector Six Pair**

$$\begin{array}{r} 10045070 \\ + 02300608 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1\ 4\ 5\ 7} \\ 23\ 6\ 8 \\ 288 / 140 = 2.057142857 \end{array} \quad \begin{array}{l} 1 \times 4 \times 5 \times 7 = 140 \\ 2 \times 3 \times 6 \times 8 = 288 \end{array}$$

Sector Seven Pair

$$\begin{array}{r} 10300008 \\ + 02045670 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{13} \quad 8 \\ 2 \quad 4567 \end{array} \quad \begin{array}{l} 1 \times 3 \times 8 = 24 \\ 2 \times 4 \times 5 \times 6 \times 7 = 1680 \\ 1680 / 24 = 70 \end{array}$$

Sector Eight Pair

$$\begin{array}{r} 12040678 \\ + 00305000 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12 \ 4 \ 678} \\ 3 \ 5 \end{array} \quad \begin{array}{l} 1 \times 2 \times 4 \times 6 \times 7 \times 8 = 2688 \\ 3 \times 5 = 15 \\ 2688 / 15 = 179.2 \text{ halves down to } 0.7 \end{array}$$

Sector Nine Pair

$$\begin{array}{r} 10040678 \\ + 02305000 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1 \ 4 \ 678} \\ 23 \ 5 \end{array} \quad \begin{array}{l} 1 \times 4 \times 6 \times 7 \times 8 = 1344 \\ 2 \times 3 \times 5 = 30 \\ 1344 / 30 = 44.8 \text{ halves down to } 0.7 \end{array}$$

*Sector Ten Pair*

$$\begin{array}{r} 10040670 \\ + 02305008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1 \ 4 \ 67} \\ 23 \ 5 \ 8 \end{array} \quad \begin{array}{l} 1 \times 4 \times 6 \times 7 = 168 \\ 2 \times 3 \times 5 \times 8 = 240 \\ 240 / 168 = 1.428571429 \end{array}$$

*Sector Eleven Pair*

$$\begin{array}{r} 12040670 \\ + 00305008 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{12 \ 4 \ 67} \\ 3 \ 5 \ 8 \end{array} \quad \begin{array}{l} 1 \times 2 \times 4 \times 6 \times 7 = 336 \\ 3 \times 5 \times 8 = 120 \\ 336 / 120 = 2.8, 1.4, 0.7 \end{array}$$

Sector Twelve Pair

$$\begin{array}{r} 10005678 \\ + 02340000 \\ \hline 12345678 \end{array}$$

$$\begin{array}{r} \underline{1 \ 5678} \\ 234 \end{array} \quad \begin{array}{l} 1 \times 5 \times 6 \times 7 \times 8 = 1680 \\ 2 \times 3 \times 4 = 24 \\ 1680 / 24 = 70 \end{array}$$

Obviously the pattern of positional math based on the 1-to-8 count derives seven and its reciprocal, which is a significant ancient reckoning number. If the numerical positioning values included the number nine, then other significant numerical values would derive other than seven and its

reciprocal. [See my essay on the earthmatrix-dot-com web-site about ancient reckoning and the number seven and its reciprocal for reckoning time.] All of the numerical values derived as previously shown through multiplication represent historically significant numerical series. To explore their meaning would require a lengthy essay. I suggest reading some of the essays on the earthmatrix-dot-com web-site.

**7 / 1.2345678 = 5.67000465 [Nineveh number 567, 1134, 2268]**

Given that there are eight positional levels within the cited crop circle, one could relate this particular number to many different aspects of matter-energy. For example, an initial aspect that comes to mind concerns the eight shells of an atom. In fact, the fractal value that appears in Sector Pairs One and Ten concerning the *fractal* **02305008** suggests the **mass difference** factor between a proton and a neutron [**2.30558c**]. (See the Earth/matriX essays regarding this theme.)

But then again, the 02305000 value suggests a similarity to the Maya Long Count fractal value of **2304c**. For example, the final Sector Twelve Pair value of 02340000 suggests a relationship to the Maya Long Count: 234, 468, 936, 1872, which involves considerations about the coming 2012 period of 1872000 days. One cannot help but note the relationship of Sector 12 to the year of 2012 and a common fractal numerical common shared by both in terms of multiples.

Numerous observations could be made regarding the possible socio-historical meaning of the different values cited for the sectors within the crop circle or, even their scientific meaning. But, such an analysis must wait its turn. For now, I only want to treat the idea of methodology of positional math within the crop circle, and not so much what the actual values suggested in the paired numbers may mean.

Similarly, one would have to consider the non-paired numbers which are suggested by the designed sectors in the crop circles, through addition, [multiplication] subtraction, and/or division.

In the following the non-paired values are summed together. In order to do this, one must break up the natural pairs examined to this point and sum the numerical values between the alternate sectors and the implied sectors in the original design. For example, consider the following

computations. Instead of summing the first two numerical values, the second and third value are summed, and likewise throughout all of the twelve main sectors. Just follow the order of the numerical values around the circle in a clockwise fashion beginning with the following pair of Sector One. Instead of summing the 10040670 number with its pair, 02305008, sum this latter value with the following value 12040670 and so on around the circle.

**Addition:**

*10040670 Begin*

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**02305008**

**+12040670 sum = 14345678**

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**00305008**

**+12005670 sum = 12310678**

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**00340008**

**+ 12000070 sum = 12340078**

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**00345608**

**+12005678 sum = 12351286**

---

**00340000**

**+10045070 sum = 13085070**

---

**02300608**

**+10300008 sum = 12600616**

---

**02045670**

**+12040678 sum = 14086348**

---

**00305000**

**+10040678 sum = 10345678**

---

**02305000**

**+10040670 sum = 12345670**

---

**02305008**

**+12040670 sum = 14345678**

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---  
**00305008**  
**+10005678 sum = 10310686**

---  
**02340000**  
**+10040670 sum = 12380670**

Multiplication:

*10040670 Begin*

---  
**02305008 x 12040670 = 2.775384068 fractal**

---  
**00305008 x 12005670 = 3.661825395**

---  
**00340008 x 12000070 = 4.080119801**

---  
**00345608 x 12005678 = 4.149258362**

---  
**00340000 x 10045070 = 3.4153238**

---  
**02300608 x 10300008 = 2.36962808**

---  
**02045670 x 12040678 = 2.463125376**

---  
**00305000 x 10040678 = 3.06240679**

---  
**02305000 x 10040670 = 2.314374435**

---  
**02305008 x 12040670 = 2.775384068**

---  
**00305008 x 10005678 = 3.051811835**

---  
**02340000 x 10040670 = 2.34951678**

*Subtraction:*



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*10040670 Begin*

---

**02305008**

**-12040670 = 9735662**

---

**00305008**

**-12005670 = 11700662**

---

**00340008**

**- 12000070 = 11660062**

---

**00345608**

**-12005678 = 11660070**

---

**00340000**

**-10045070 = 9705070**

---

**02300608**

**-10300008 = 7999400**

---

**02045670**

**-12040678 = 9995008**

---

**00305000**

**-10040678 = 9735678**

---

**02305000**

**-10040670 = 7735670**

---

**02305008**

**-12040670 = 9735662**

---

**00305008**

**-10005678 = 9700670**

---

**02340000**

**-10040670 = 7700670**

**Division:**

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*10040670 Begin*

---			
<b>02305008 / 12040670 =</b>	<b>1.91435194</b>	<b>5.223699874</b>	
---			
<b>00305008 / 12005670 =</b>	<b>2.5405329</b>	<b>3.936182002</b>	
---			
<b>00340008 / 12000070 =</b>	<b>2.8333835</b>	<b>3.529349309</b>	
---			
<b>00345608 / 12005678 =</b>	<b>2.8787046</b>	<b>3.47378475</b>	
---			
<b>00340000 / 10045070 =</b>	<b>3.384745</b>	<b>2.954432353</b>	
---			
<b>02300608 / 10300008 =</b>	<b>2.23359827</b>	<b>4.477080841</b>	
---			
<b>02045670 / 12040678 =</b>	<b>1.69896579</b>	<b>5.885933704</b>	
---			
<b>00305000 / 10040678 =</b>	<b>3.0376435</b>	<b>3.292025574</b>	
---			
<b>02305000 / 10040670 =</b>	<b>2.2956715</b>	<b>4.356023927</b>	
---			
<b>02305008 / 12040670 =</b>	<b>1.91435194</b>	<b>5.223699874</b>	
---			
<b>00305008 / 10005678 =</b>	<b>3.0483491</b>	<b>3.280464119</b>	
---			
<b>02340000 / 10040670 =</b>	<b>2.33052177</b>	<b>4.290884615</b>	

Given the manner in which the suggested paired values are drawn on the crop circles as of non-pairs, shown in my first illustration, one might consider then relating the non-equivalent values to 12345678.

For the sake of example, let me add the two values that are suggested relational as of the sector design of the crop circle, but whose paired values do not sum 12345678.

Once the different results are obtained from the non-pairs then one could consider those numerical values as of socio-historical and scientific reckoning numbers in different fields, such as physics, chemistry, astronomy and so on.

The case may be that the given crop circle has as its objective and purpose simply the teaching mechanism of identifying the simplicity in the pairing of the positional numerical values along the radii. In this way, there would be no historical or scientific meaning to the actual numbers being generated as of their addition, multiplication, subtraction and/or division. In other words, possibly there are no historical significances to the derived values of the pairs of numbers, even though many are suggestive of specific meanings.

This may be the case, since two pairs repeat at positions one and two, and ten and eleven, suggesting a repetition of the cycle. This conveys the idea that the paired numbers are simply for the sake of example of the method of identifying the paired numbers. I say this because if the numbers were historically relevant, there would be no need to show repeat numbers and waste precious space in the communication, but rather show twelve different paired values. Instead of this, however, only ten distinct paired numbers are shown in the example. Where sectors ten and eleven are used to communicate the idea of a cycle in the numbers derived.

The tentative conclusion from this analysis is that the design based upon a circle with positional dashes along the radii of the circle represents a definite intelligent design. The intelligent design harbors an apparent objective and purpose in communicating how the design works. There is a confirmation of the method behind the design in the repetition of sectors ten and eleven.

My initial suspicion is that the crop circle design under consideration here does not reflect a binary system and/or ASCII system of analysis given the positional placement of the values in terms of the length of the dashes along the drawn diameters of the circle. In order to suggest simply presence/absence of the numerical values the dashes should not have a particular graduated length, but all should be of the same length merely representing presence/absence accordingly. Once the dashes reflect different lengths, then the positional values reflect these dimensional lengths in my mind.

Nonetheless, in order to explore other analytical venues, I have included the corresponding binary and/or ASCII terms for each of the positional values within the crop circle as follows:

*A Potential Binary System and/or ASCII System of Analysis of the  
Presence/Absence of 0 and 1.*

<b>Sector One Pair</b>	<b><u>Binary Expression</u></b>
<b>10040670 Begin</b>	<b>10010110</b>
<b>02305008</b>	<b>01101001</b>

<b>Sector Two Pair</b>	
<b>12040670</b>	<b>11010110</b>
<b>00305008</b>	<b>00101001</b>

<b>Sector Three Pair</b>	
<b>12005670</b>	<b>11001110</b>
<b>00340008</b>	<b>00110001</b>

<b>Sector Four Pair</b>	
<b>12000070</b>	<b>11000010</b>
<b>00345608</b>	<b>00111101</b>

<b>Sector Five Pair</b>	
<b>12005678</b>	<b>11001111</b>
<b>00340000</b>	<b>00110000</b>

<b>Sector Six Pair</b>	
<b>10045070</b>	<b>10011010</b>
<b>02300608</b>	<b>01100101</b>

<b>Sector Seven Pair</b>	
<b>10300008</b>	<b>10100001</b>
<b>02045670</b>	<b>01011110</b>

<b>Sector Eight Pair</b>	
<b>12040678</b>	<b>11010111</b>
<b>00305000</b>	<b>00101000</b>

<b>Sector Nine Pair</b>	
<b>10040678</b>	<b>10010111</b>
<b>02305000</b>	<b>01101000</b>

**Sector Ten Pair**

**10040670                    10010110**  
**02305008                    01101001**

**Sector Eleven Pair**

**12040670                    11010110**  
**00305008                    00101001**

**Sector Twelve Pair**

**10005678                    10001111**  
**02340000                    01110000**

In the binary system, the first pair of values would be:

128		64		32		16		8		4		2		1
<b>1</b>		<b>0</b>		<b>0</b>		<b>1</b>		<b>0</b>		<b>1</b>		<b>1</b>		<b>0</b>
<b>0</b>		<b>1</b>		<b>1</b>		<b>0</b>		<b>1</b>		<b>0</b>		<b>0</b>		<b>1</b>

**Sector One Pair**

**10040670 Begin                    10010110                    = 150**  
**02305008                    01101001                    = 105**

Total: 255

In the ASCII Code of notation, the first pair of values would be:

150	226	96	10010110	–	&#150;	&ndash;	En dash	<a href="http://www.ascii-code.com/">http://www.ascii-code.com/</a>
105	151	69	01101001	i	&#105;		Lowercase i	

Hence, if the representation is in ASCII code, then the first sector pair is communicating the idea about the “dashes”. Consider:

01101001 in decimal is 105.  
01101001 in hexadecimal is 69.  
01101001 is the ASCII encoding for the character i.  
<http://www.01101001.com/about.html>

*[Full citation of 01101001:*

*“Its hexadecimal value, 69, is a classic case of a number, and the smallest non-trivial one, that can be read the same upside down as right side up. The character i, ASCII-encoded as 01101001, upside down, is the exclamation mark. Upside down, capital I is itself, I.*

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*“The logical inverse of 01101001 is 10010110 and 01101001 rotated upside down, inverted physically, is also 10010110. 10010110 in hexadecimal is 96, another rotationally symmetric number.*

*“01101001 rotated about its horizontal axis is itself, 01101001. 01101001 rotated about its vertical axis is 10010110.*

*“If you write out 01101001 as words, with carefully designed letters, and rotate that upside down, you get zero one one zero one zero zero one.*

*“Finally, the digits 0 and 1 can be read ambiguously as the letters O and I. Unfortunately, **01101001** conveys no meaning.*

*“On another note, 01101001 is the beginning of the infinite Thue-Morse sequence: 0, 1, 1, 0, 1, 0, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 0, 1, 0, 1, 1, 0, 0, 1, 1, 0, 1, 0, 1, 0, 0, 1... The logical, and physical, inverse of 01101001, 10010110, is the second 8 digits of the sequence, and it is the third 8 digits of the sequence. 01101001 is the fourth 8 digits. Each subsequent grouping of 8 digits, to infinity, is either 01101001 or 10010110.*

*“01101001 is cool.*

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**Sector Two Pair**

<b>12040670</b>	<b>11010110</b>	<b>= 214</b>
<b>00305008</b>	<b>00101001</b>	<b>= 41</b>

**Total: 255**

**In binary system:**

128		64		32		16		8		4		2		1
<b>1</b>		<b>1</b>		<b>0</b>		<b>1</b>		<b>0</b>		<b>1</b>		<b>1</b>		<b>0</b>
<b>0</b>		<b>0</b>		<b>1</b>		<b>0</b>		<b>1</b>		<b>0</b>		<b>0</b>		<b>1</b>

**In ASCII Code:**

<b>11010110</b>															
214	326	D6	11010110	Ö	&#214;	&Ouml;	Latin capital O with diaeresis								
00101001															
41	051	29	00101001	)	&#41;		Close parenthesis (or close bracket)								

**Sector Three Pair**

<b>12005670</b>	<b>11001110</b>	<b>= 206</b>
<b>00340008</b>	<b>00110001</b>	<b>= 49</b>

**Total: 255**

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**In binary system:**

128	64	32	16	8	4	2	1
1	1	0	0	1	1	1	0
0	0	1	1	0	0	0	1

In ASCII Code:

206	316	CE	11001110	Î	&#206; &Icirc; Latin capital I with circumflex
49	061	31	00110001	1	&#49; One

**Sector Four Pair**

<b>12000070</b>	<b>11000010</b>	<b>= 194</b>
<b>00345608</b>	<b>00111101</b>	<b>= 61</b>

Total: 255

**In binary system:**

128	64	32	16	8	4	2	1
1	1	0	0	0	0	1	0
0	0	1	1	1	1	0	1

In ASCII Code:

194	302	C2	11000010	Â	&#194; &Acirc; Latin capital A with circumflex
61	075	3D	00111101	=	&#61; Equals

**Sector Five Pair**

<b>12005678</b>	<b>11001111</b>	<b>= 207</b>
<b>00340000</b>	<b>00110000</b>	<b>= 48</b>

Total: 255

**In binary system:**

128	64	32	16	8	4	2	1
1	1	0	0	1	1	1	1
0	0	1	1	0	0	0	0

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In ASCII Code:

207	317	CF	11001111	İ	&#207; &Iuml;	Latin capital letter I with diaeresis
48	060	30	00110000	0	&#48;	Zero

**Sector Six Pair**

<b>10045070</b>	<b>10011010</b>	<b>= 154</b>
<b>02300608</b>	<b>01100101</b>	<b>= 101</b>

Total: 255

**In binary system:**

128		64		32		16		8		4		2		1
1		0		0		1		1		0		1		0
0		1		1		0		0		1		0		1

In ASCII Code:

154	232	9A	10011010	š	&#154; &scaron;	Latin small letter S with caron
101	145	65	01100101	e	&#101;	Lowercase e

**Sector Seven Pair**

<b>10300008</b>	<b>10100001</b>	<b>= 161</b>
<b>02045670</b>	<b>01011110</b>	<b>= 94</b>

Total: 255

**In binary system:**

128		64		32		16		8		4		2		1
1		0		1		0		0		0		0		1
0		1		0		1		1		1		1		0

In ASCII Code:

161	241	A1	10100001	¡	&#161; &iexcl;	Inverted exclamation mark
4	136	5E	01011110	^	&#94;	Caret - circumflex



**Sector Eight Pair**

**12040678**                      **11010111 = 215**  
**00305000**                      **00101000 = 40**

Total: 255

**In binary system:**

128	64	32	16	8	4	2	1
1	1	0	1	0	1	1	1
0	0	1	0	1	0	0	0

In ASCII Code:

215	327	D7	11010111	×	&#215;	&times;	Multiplication sign
40	050	28	00101000	(	&#40;		Open parenthesis (or open bracket)

**Sector Nine Pair**

**10040678**                      **10010111 = 151**  
**02305000**                      **01101000 = 104**

Total: 255

**In binary system:**

128	64	32	16	8	4	2	1
1	0	0	1	0	1	1	1
0	1	1	0	1	0	0	0

In ASCII Code:

151	227	97	10010111	—	&#151;	&mdash;	Em dash
104	150	68	01101000	h	&#104;		Lowercase h

**Sector Ten Pair**

**10040670**                      **10010110 = 150**  
**02305008**                      **01101001 = 105**

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Total: 255

**In binary system:**

128		64		32		16		8		4		2		1
1		0		0		1		0		1		1		0
0		1		1		0		1		0		0		1

**In ASCII Code:**

150 226 96 10010110 – En dash <http://www.ascii-code.com/>  
105 151 69 01101001 i Lowercase i

**Sector Eleven Pair**

**12040670**                      **11010110** = **214**

**00305008**                      **00101001** = **41**

Total: 255

**In binary system:**

128		64		32		16		8		4		2		1
1		1		0		1		0		1		1		0
0		0		1		0		1		0		0		1

**In ASCII Code:**

**11010110**  
214 326 D6 11010110 Ö Öuml; Latin capital O with diaeresis  
00101001  
41 051 29 00101001 ) Close parenthesis (or close bracket)

**Sector Twelve Pair**

**10005678**                      **10001111** = **143**

**02340000**                      **01110000** = **112**

Total: 255

**In binary system:**

128		64		32		16		8		4		2		1
1		0		0		0		1		1		1		1

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0 1 1 1 0 0 0 0

In ASCII Code:

143 217 8F 10001111 [ Å] [143] Capital A with a ring

112 160 70 01110000 p 112; Lowercase p

**Note: 255 x 12 = 3060**

**Binary pairs in natural numbers: ASCII Code:**

Pair One

150 - [hyphen]  
105 i

Pair Two

214 Ö  
41 )

Pair Three

206 Î  
49 1

Pair Four

194 Â  
61 =

Pair Five

207 Ì  
48 0 [zero]

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Pair Six

154                    š  
101                    e

Pair Seven

161                    i  
94                     ^        [caret]

Pair Eight

215                    ×        [multiplication]  
40                     (

Pair Nine

151                    □        [dash]  
104                    h

Pair Ten

150                    - [hyphen]  
105                    i

Pair Eleven

214                    Ö  
41                     )

Pair Twelve

143                    Å  
112                    p

Pattern of natural numbers based on binary system for twelve sectors:

150-105 | 214-41 | 206-49 | 194-61 | 207-48 | 154-101 | 161-94 | 215-40 | 151-104 |

150-105 | 214-41 | 143-112

Total sums of first numbers in the pairs, and of the second numbers in the pairs: 2159 – 901

$$2159/901 = 2.396226415 \text{ [ halves to } 2.99528302 \text{]}$$

The first consideration in employing the binary and ASCII numbers for the analysis is to recognize that these numerical systems are based on the natural numbers; first and foremost. Their very definition depends upon the natural numbers. In this sense, they represent a manipulation of said numbers, meaning that their results cannot be independent of them.

Further note the obvious pattern in the selection of natural numbers within the crop circle produces a binary/ASCII pattern based on the sum of pairs, yielding always a total of **255**.

$$255 \times 12 = \mathbf{3060} \text{ [ divided by } \mathbf{3} = \mathbf{1020} \text{ unit numbers commencement]}$$

One could imagine carrying out this particular kind of analysis for every one of the paired positional numerical values within the crop circle. But, I consider that the purpose of the analysis obeys the natural numbers as shown in this analysis and not the implied binary and/or ASCII analysis, which ultimately appears to conclude similarly that said numbers “*convey no meaning*” as in the example cited above at the outset of the analysis of binary and ASCII numbers.

And, successively, one would derive the corresponding values for each system for each sector pair.

The intelligent design begins with the selection of specific combinations of paired numerical positional values. For example, valid questions concern why were the particular paired values chosen for sectors one and ten as they were? In fact, what is the meaning of each chosen pair of positional numerical values? These questions need to be asked for every possible mathematical combination of the paired positional numerical values through addition, [multiplication], subtraction, and/or division..

In my view, it is necessary to communicate the resolution of the intelligent design in response to the placement of the circle. I would suggest creating a response in the crop field where the crop circle appeared. That would seem to be the most logical response. However, I do not doubt that

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the individuals who are creating the crop circles and the intelligent designs encoded into them are aware of the efforts to decode their methods of design.

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