

The Positive Feedback of Tetrahedral Geometry with Space-Time and its Effects on the Mind's Perception

by

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Abstract

Several respected scientists believe that is not possible to comprehend the fundamentals of science without understanding consciousness and the mind. This paper explores this concept and attempts to further the knowledge of the structure of space-time by linking the mind with fundamental geometry. Using the well documented technique of dowsing abstract geometrical shapes, this paper details the findings for dowsing shapes containing angles common in tetrahedral geometry, vesica pices, and in many branches of science. The postulation is that these frequently found angles cannot be a coincidence, but reflect the structure of space-time.

Observations made by several independent experienced dowzers have confirmed the creation of subtle energy beams, subtle energy cones, energy flows, vortices, as well as geometric and arithmetic separation distances. Interesting comparisons are made between identical abstract and solid geometries. The conclusions provide further evidence for consciousness beings linked into the structure of universal space-time, and is augmented by local space-time variables such as the earth's spin, magnetism, gravity, and orientation also affecting the mind's perception.

Introduction

There are numerous respected scientists stating that the fundamentals of science, and in particular physics and cosmology, are somehow linked to conscious and the mind. A selection of relevant publications and references appear in the following bibliography. This paper explores this concept by linking the mind with fundamental geometry. We also know from many published papers that dowsing is linked to consciousness, the fabric of the cosmos, the laws of nature, and the local structure of space-time. Geometry is common to all of these 3 concepts. For example, geometry is involved in:

1. Multi-dimension string theory
2. General Relativity bending the fabric of space
3. Common angles such as in DNA; Kelvin wedge; carbon molecular bond
4. Polyhedron geometry
5. Dowzers observe these same angles such as in vortices/conical helices, the tree of life pattern for any living thing, or earth energy research.

The postulation is that frequently found angles cannot be a coincidence, but reflect the structure of space-time. Dowsing source geometry is therefore a useful tool for exploring the fundamentals of the structure of the universe, consciousness, and the laws of nature. The objective here is to dowse geometrical shapes containing these common angles to see if a positive feedback response provides further insights.

But why Bob's Geometry? Over the last 5 years the author has dowsed over 50 geometrical patterns, and Bob's Geometry, which is based on the Vesica Pices, produces one of the most interesting "observations" leading to great potential for dowsing research. The objective here is to measure the effects of gravity, spin, and electromagnetism on dowsing pure geometry, and hence the mind. A by-product is an independent scientific study into Orgone Energy.

The geometry in Figure 1 contains some of the key angles found in many branches of science. For example, the Ampere and Dipole Force Law is associated with 35.264° ($\arccos(\sqrt{2/3})$); the Kelvin wedge involves 19.471° ($\arcsin 1/3$); and the Carbon molecular bond involves 109.471° ($\cos^{-1}(-1/3)$). Acknowledgements are due to Bob Sephton who brought attention to the complex dowsing patterns and fields found when dowsing this geometry. This pattern in Figure 1 is therefore referred to as "Bob's Geometry". These patterns have been observed and measured by over 15 experienced dowsers who were members of the Dowsing Research Group (DRG).

Subsequent observations by the author show that results are affected by magnetic fields, the orientation of the source geometry, and whether the latter is made from solid wire or an abstract shape drawn on paper. These facts are used to research why and how these dowsed patterns are produced. Figure 2 illustrates the findings, and suggests an analogy to patterns from a diffraction grating, or X-ray crystallography that, for example, produced the structure of DNA.

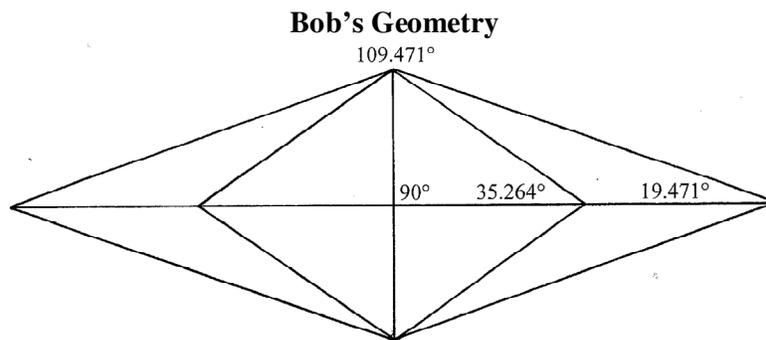


Figure 1

Findings

Abstract Source

When the major axis of an abstract version of Bob's Geometry that has been drawn on paper is aligned **north-south**, Figure 2 gives the complex dowsed pattern when the source geometry is laid horizontally on the ground. It comprises 8 energy lines (which have a perceived outwards flow), 16 arithmetically spaced vortices, 16 geometrically spaced vortices, and 4 isolated vortices. There is also a central vertical conical vortex with a height of about 14 metres comprising the usual 7 sub-vortices. Appendix 1 gives more details.

A subtle energy cone emanates from the westerly apex with an outward flow. Bob's Geometry is possibly the only source geometry pattern that creates/emits these subtle energy cones. There is a subtle energy giving the impression of being "sucked" into the source geometry and being converted into a different subtle energy coming out.

The reason for this is not known, nor if the optimum alignment is to magnetic or true north.

Dowsed Pattern on the Ground with Abstract Source Geometry

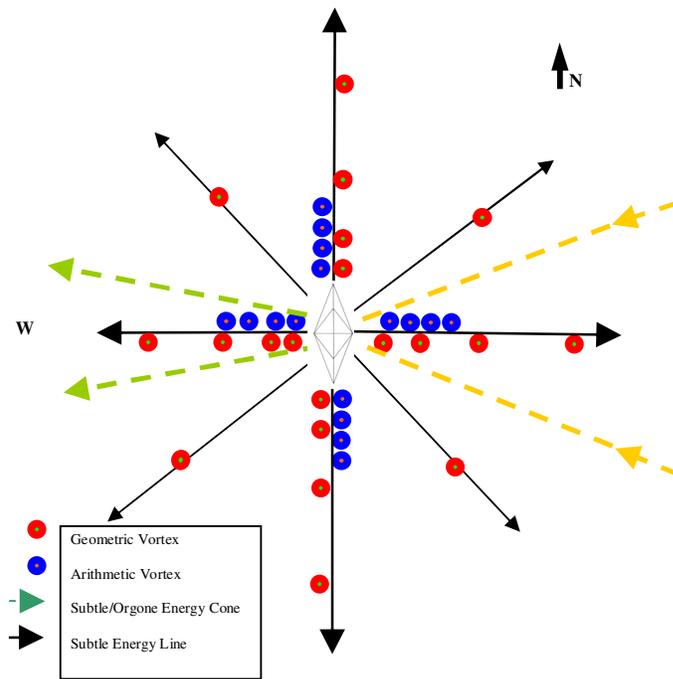


Figure 2

Dowsed Pattern on the Ground with Solid Source Geometry

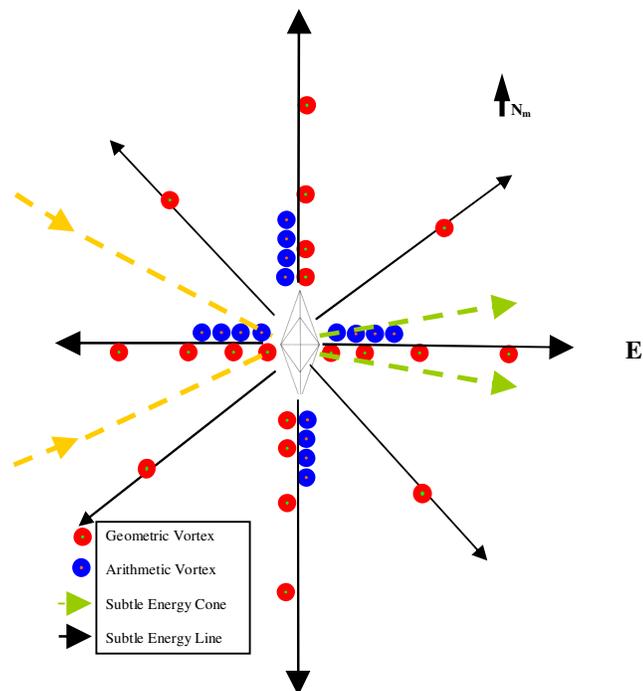


Figure 3

Physical Source

A solid version of Bob's Geometry produces an identical dowsed pattern as a pure geometry source, except that the subtle energy is emitted from the eastern apex and flows towards the east, as illustrated in Figure 3. This finding is significant as usually pure abstract geometry gives identical dowsing to solid objects.

The reason for this lack of symmetry is currently unknown. It would seem that there may be a left hand rule for dowsing solids, but a right hand rule for abstracts, with the three possible variables being subtle energy, gravity, and the earth's spin. These are exciting findings as studying chirality and symmetry often leads to major findings in physics

Orientation

For both abstract and solid versions of Bob's Geometry, when the major axis is aligned **east-west** all the vortices and subtle energy disappear, leaving only the 8 energy lines and the central vertical vortex. Figure 4 is the dowsed pattern in the horizontal plane. It is desirable to determine if the earth's spin (indicated by true north) or magnetism (indicated by magnetic north) creates and destroys the 36 vortices and the subtle energy cones?

Dowsed Pattern on the Ground with East-West Orientation

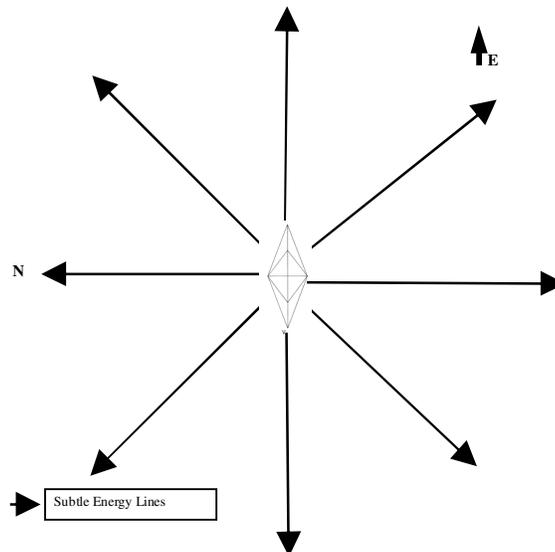


Figure 4

Philosophically, turning a sheet of paper through 90° destroys these 36 vortices and the subtle energy cones. Or if turned another 90°, 36 vortices and the subtle energy cones are created. What does this tell us about the mind, consciousness, and how Bob's Geometry interacts with the Information Field? For example, a horizontal rotation does not change the vertical force of gravity, but the angles to the direction of the earth's spin and magnetic field do change.

Orgone Energy

There is much unscientific hype on Orgone Energy that has been published. The subtle energy cones as described in Figures 2 and 3 possess some of the claimed

properties of Orgone Energy that have scientific evidence. (See References 8, 9, 10). Orgone Energy, Ormus, and Organite are usually associated with organic matter or material from the Dead Sea. One relevant property of Orgone Energy is that it significantly enhances auras such as those for glasses of water or the aura of humans. Examples in Appendix 2 show the radii of auras increasing over 4 times, and this property is used in this research to confirm the presence of Orgone Energy. As the source geometry is rotated away from north, the apparent strength of the Orgone energy is reduced, the angle of the cone increases, and eventually there is a cut-off angle at about 22.5°.

As the 22.5° cut-off angle of alignment is similar, within experimental error, to the 23.5° angle of the earth's tilt on its axis, it could suggest that the earth's spin (and true north) is important in producing Orgone Energy. Alternatively, as the cut-off angle of 22.5° is simply ½ of 45° this could suggest that Orgone is produced by the geometry of space-time and spin is not involved. The following research is aimed at developing this theme.

Analysis and Theory

Factors Affecting the Dowsed Pattern

The above findings suggest that the earth's magnetic field, the earth's vorticity, the earth's gravity, as well as conscious observations are all involved in producing the complex dowsed pattern. The analogy with X-ray crystallography was mentioned earlier. With this in mind the following builds on this concept in an attempt to understand the physics of the above phenomena. The objective is to alter each of the above variables to see how the results are affected.

So far horizontal source geometry has been discussed. What happens when we make the source vertical? There are 2 options: Either the major axis or the minor axis is vertical. It is also instructive to experiment with artificial magnetic fields. However, this creates many different combinations of variables: there are x6 different orientations of the source geometry, a choice between solid source geometry and abstract source geometry such as drawn on paper, coupled with the introduction of artificial magnetism with a different polarity to the earth's magnetic field. We are looking for clues as to the role of gravity, spin, and magnetism in dowsing. It therefore becomes very complex in attempting to comprehend the changes to the dowsed patterns. Tables 1 and 2 summarise the findings with the intention of finding hidden patterns.

Table 1 summarises different orientations of Bob's Geometry in the earth's natural north-south magnetic field. The 8 energy lines are always present. The central vortex is only present when the source is horizontal, and as the central axis is vertical, these two facts suggest the involvement of gravity. All the other vortices are absent only when the major axis is orientated E-W with the source horizontal, or when the major axis is orientated N-S with the source vertical. The Orgone Energy is emitted in several different combinations. As already discussed it is emitted from the west apex for a horizontal abstract source (with a flow towards the west), but from the east apex for solid horizontal source (with a flow towards the east). Orgone is emitted from the top apex for both an abstract or solid source positioned in a vertical plane (with the flow upwards). To assist analysis, the same colour identification is used if 2 or more columns have the same characteristics.

Table 2 has the same orientations as Table 1, but an artificial magnetic field was superimposed on Bob's Geometry. The earth's natural magnetic field is replaced by a stronger magnetic field having an east-west polarity. It does not seem to make any difference to the results if the north polarity points either to true east or true west. The main differences with Table 1 are as follows:

1. The characteristics of the abstract source are identical to the solid source geometry. Unlike Table 1 where there is asymmetry between abstract and physical.
2. The results are invariant to orientation for each of the 3 possible positions of the source geometry: horizontal, vertical minor axis, vertical major axis. Unlike Table 1 where then e-w results are different to n-s. (Apart from when the major axis is vertical).
3. As in Table 1, the 8 energy lines are always present, but the central vortex is only present when the source is horizontal.
4. All the other 36 vortices are always present.
5. For both abstract and physical sources, Orgone Energy is only present when the minor axis is vertical and a superimposed e-w magnetic field is present.
6. As in Table 1, Orgone is emitted from the top apex for both an abstract or solid source positioned in a vertical plane (with the flow upwards). This also suggests gravity being involved.

The obvious questions are:

- a) Why does an e-w magnetic field create a symmetry that is absent from Table 1?
- b) Why does the earth's n-s magnetic field make solid geometry different from abstract geometry in Table 1, but not in Table 2 when there is an e-w field?

Table 3 is an attempt to correlate the data in Tables 1 and 2, and to suggest if gravity, magnetism, or spin is involved in each component of the dowsed pattern in Figures 2 and 3.

Dowsed Patterns in Different Orientations - No added Magnets

Dowsed Pattern	Abstract/Drawn Source Geometry						Matter/Physical/Solid Source Geometry											
	SHAPE ON HORIZONTAL PLANE	Major axis N-S	Major axis E-W	SHAPE with Minor Axis IN VERTICAL PLANE	Major axis N-S	Major axis E-W	SHAPE with Major Axis IN VERTICAL PLANE	Minor axis N-S	Minor axis E-W	SHAPE ON HORIZONTAL PLANE	Major axis N-S	Major axis E-W	SHAPE (with Minor Axis) IN VERTICAL PLANE	Major axis N-S	Major axis E-W	SHAPE with Major Axis IN VERTICAL PLANE	Minor axis N-S	Minor axis E-W
8 energy lines (in plane of source)	∨	∨		∨	∨		∨	∨		∨	∨		∨	∨		∨	∨	
16 arithmetic vortices (in plane of source)	∨	x		x	∨		∨	∨		∨	∨		x	∨		∨	∨	
16 geometric vortices (in plane of source)	∨	x		x	∨		∨	∨		∨	∨		x	∨		∨	∨	
4 isolated vortices (in plane of source)	∨	x		x	∨		∨	∨		∨	∨		x	∨		∨	∨	
Central vortex x 7	∨	∨		x	x		x	x		x	x		x	x		x	x	
Apex subtle/orgone energy cones emitted from	W	x		x	Top		x	Top		E	x		x	Top		x	x	
Apex where auras increased 2-4 times	W	x		x	Top		x	Top		E	x		x	Top		x	x	
Direction of subtle/orgone flow towards	W	x		x	UP		x	UP		E	x		x	UP		x	x	

Table 1

To assist in analysis two or more columns containing identical findings are marked in matching identifying colours.
 The lower colours relate to similarities in Table 2.

Dowsed Patterns in Different Orientations - Affects of added Magnetism with E-W Polarity

Dowsed Pattern	Abstract/Drawn Source Geometry						Matter/Physical/Solid Source Geometry											
	SHAPE ON HORIZONTAL PLANE	Major axis N-S	Major axis E-W	SHAPE (with Minor Axis) IN VERTICAL PLANE	Major axis N-S	Major axis E-W	SHAPE (with Major Axis) IN VERTICAL PLANE	Minor axis N-S	Minor axis E-W	SHAPE ON HORIZONTAL PLANE	Major axis N-S	Major axis E-W	SHAPE (with Minor Axis) IN VERTICAL PLANE	Major axis N-S	Major axis E-W	SHAPE (with Major Axis) IN VERTICAL PLANE	Minor axis N-S	Minor axis E-W
8 energy lines (in plane of source)	∨	∨		∨	∨		∨	∨		∨	∨		∨	∨		∨	∨	
16 arithmetic vortices (in plane of source)	∨	∨		∨	∨		∨	∨		∨	∨		∨	∨		∨	∨	
16 geometric vortices (in plane of source)	∨	∨		∨	∨		∨	∨		∨	∨		∨	∨		∨	∨	
4 isolated vortices (in plane of source)	∨	∨		∨	∨		∨	∨		∨	∨		∨	∨		∨	∨	
Central vortex x 7	∨	∨		x	x		x	x		∨	∨		x	x		x	x	
Apex subtle/orgone energy cones emitted from	x	x		Top	Top		x	x		x	x		Top	Top		x	x	
Apex where auras increased 2-4 times	x	x		UP	UP		x	x		x	x		UP	UP		x	x	
Direction of subtle/orgone flow towards	x	x					x	x		x	x					x	x	

Table 2

The columns marked in green have the same characteristics as Table 1

Summary for Both Solid Wire or Paper Drawn Source Geometry

The Affects of Orientation, Gravity, Spin, and Magnetism

Dowsed Pattern	When Present	Gra vity	Spin	Magne tism
8 energy lines	Always present	x	x	x
16 arithmetic vortices 16 geometric vortices 4 isolated vortices	Absent only when the earth's natural n-s magnetic field is present - plus Major axis E-W and Horizontal source or Major axis N-S and vertical source	√	√	√
Central vortex x 7	Only present when source is horizontal Vortex has a vertical axis	√	x	x
When is Orgone Energy emitted?	Horizontal source geometry: plus major axis N-S, Vertical minor axis: plus major axis N-S plus magnetic E-W Vertical minor axis: plus major axis E-W, with or without magnetism, Vertical major axis: plus minor axis E-W	√ √ √ √	√ ? √ √	x √ √ x
Apex from which orgone energy emitted Direction of subtle/orgone flow	West for horizontal abstract source (flow towards the west), but East for solid horizontal source (flow towards the east) Top apex for vertical solid or abstract source (flow upwards)	x x √	√ √ x	? ? ?

Table 3

Conclusion

The postulation that frequently found angles common in tetrahedral geometry, vesica pices, and in many branches of science cannot be a coincidence, but reflect the structure of space-time. This paper has demonstrated that dowsing abstract geometrical shapes containing these common angles support this hypothesis.

Interesting comparisons have been made between identical abstract and solid geometries with observations of the creation of subtle energy beams, subtle energy cones, energy flows, vortices, as well as geometric and arithmetic separation distances. The conclusions provide further evidence for consciousness beings linked into the structure of universal space-time, and is augmented by local space-time variables such as the earth's spin, magnetism, gravity, and orientation also affecting the mind's perception.

The analogy to X-ray crystallography was mentioned earlier to investigate the structure of the universe. Instead of X-rays, we are here using gravity, spin, magnetism, and the orientation of the source geometry and measuring their effect on the dowsed patterns in Figures 2 and 3.

The 8 straight lines are always present and are not affected by gravity, spin, or magnetism. This would seem to imply that the 8 straight lines are created by, and reflect, a combination of consciousness and the geometric structure of local space-time causing a mathematical transformation of Bob's Geometry.

As the central vortex is only present when the source geometry is horizontal, and the vortex's axis is always vertical, the inference is that this vortex is mainly affected by gravity, but there is no evidence from this data as to how the vortex is created. The 36 other vortices all involve gravity, as well as spin, and magnetism.

The emission of Orgone Energy seems to involve gravity plus spin or magnetism. Further research is required to determine which of the latter two factors is involved.

As always in research there are more questions than answers. Some of these questions and suggestions for further research are summarised in the next section.

Postulations

The findings detailed above strongly support the following postulations about the structure of space-time and the communication of information between the mind and source geometry;

- The subtle energy beams are only observed when the observer's intent is looking at the source geometry. This demonstrates that consciousness is partly involved in the production of the dowsed patterns generated by abstract geometry.
- As far as consciousness is concerned, the findings demonstrate the equivalence of pure geometry, and matter without the effects of mass, provided the solid objects are not charged-up or excited, such as by photons.
- The geometric structure of the universe at the Planck level incorporates the reasons for the difference between abstract and solid objects.
- Geometry is an integral part of the structure of space-time.

- The mechanism of communication between the source geometry, the mind, and down to the Plank level/ Information Field is via nodes and standing waves.

The conclusions provide further evidence for consciousness beings linked into the structure of universal space-time, and is augmented by local space-time variables such as the earth's spin, magnetism, gravity, and orientation also affecting the mind's perception.

Combining all the above with other general findings on dowsing geometry suggests that the total pattern produced by Bob's Geometry (as illustrated in Figures 2 and 3) is a combination involving:

1. The geometric structure of space-time.
2. Consciousness and observation.
3. An interaction or entanglement subtle energy.
4. Nodes and standing waves.
5. Local Gravity.
6. The earth's local vorticity.
7. The earth's local magnetic field.
8. The orientation of the source geometric pattern.

Discussion Points

What does all of this information tell us about dowsing and consciousness? What questions require answering?

- Why does an e-w magnetic field create a symmetry that is absent from a n-s magnetic field?
- Why does the earth's n-s magnetic field make solid geometry different from abstract geometry, but not when there is a e-w field?
- How does the mind / Information Field interact with spin, gravity, and magnetism?
- By just turning a sheet of paper through 90° and loosing 36 vortices and Orgone energy, what does this tell us about consciousness, the mind and how Bob's geometry is transformed/reflected in the Information Field?
- Is optimum alignment to magnetic or true north?
- Can we predict how orientation, gravity, spin, and magnetism affect dowsed shapes in general?
- Is the 22.5° cut-off angle the same as the earth's tilt? Or is it ½ of 45°?
- What is the mathematical transformation that enables simple, but very common angles, to produce a complex mathematically described pattern such as in Figures 2 and 3?
- Why are abstract auras similar to those observed for solids?
- It would seem that the observer needs to look at the source geometry to be able to dowse the intricate patterns. Does consciousness create the dowsable pattern, or is it there all the time, but intent is required to perceive it? However, if intent is present, but the dowser is not looking at the source objects the dowsable pattern is not always detected.

Orgone Energy

- How do we define Orgone Energy, what is it, and how is it different from other subtle energies or earth energies?

- Why does Bob's Geometry, and possibly only this shaped geometry, produce and emit Orgone?
- How do we measure the speed of Orgone Energy?
- What is the energy going into Bob's Geometry and how is it converted to produce Orgone Energy?
- Why is Orgone Energy emitted from the East for a solid source, but West for abstract source?
- Has east Orgone the same properties as the west Orgone?
- Are the healing powers identical between the east and west Orgone?
- When using Orgone for healing is it necessary for the patient and/or healer to have the correct intent as to what needs to be healed?
- Can Orgone kill viruses or bacteria causing an illness?
- What can and cannot be healed?

The Way Forward, and Suggestions for Future Research

As always, discoveries in research generate more questions than answers. Suggested topics for future research include the following.

- More measurements are required for different sizes and sources to confirm the data in this paper.
- Discover a more fundamental pattern from Tables 1, 2, and 3 that shows how source geometry is transformed into perceived patterns, and hence the structure of the universe, in an analogous way that the structure of DNA was established from geometrical patterns.
- Is the optimum alignment to magnetic or true north?
- Confirm that there is a left hand rule for dowsing solids, but a right hand rule for abstracts, with the three possible variables being subtle energy, gravity, and the earth's spin.
- How are the vortices formed?
- What is the exact mechanism for the mind to interact with Bob's geometry, the earth's spin, and magnetic fields to produce the complex dowsed pattern?
- Establish if the 22.5° cut-off angle of alignment is due to the 23.5° angle of the earth's tilt on its axis and its spin. Or if the cut-off angle of 22.5° is simply ½ of 45°. The latter demonstrates that Orgone is produced by the geometry of space-time and spin is not involved.
- Perform experiment to prove Orgone energy can be easily deflected, by measuring if the deflected beam can increase the aura of water.
- Perform an experiment to prove that the Orgone energy is physically there, or if it is all in the mind, when not looking at or thinking about Bob's Geometry. For example, by using an opaque screen between the dowser and the source geometry and measuring the aura of a glass of water.

This article is only a summary. Further details can be obtained on the author's website <http://www.jeffreykeen.co.uk/>

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References and Bibliography

1. *Dowsing Geometry - A Database of Patterns Analogous to X-ray Crystallography*; September 2009, e-paper online at <http://vixra.org/abs/0909.0008>
2. *Is Dowsing a Useful Tool for Serious Scientific Research?* October 2010, Vol. 66 No 8, World Futures: Taylor & Francis - The Journal of General Evolution
3. Keen, Jeffrey : *A Standard "Yardstick" and Protocol for Dowsing Research Measurements*; October 2009, e-paper online at <http://vixra.org/abs/0910.0037>
4. *The Causes of Variations When Making Dowsable Measurements; Part 1 - Introduction and Personal Factors*, 28 November 2009, e-paper online at <http://vixra.org/abs/0911.0062>
5. *The Causes of Variations When Making Dowsable Measurements; Part 4- The Effects of Geometric Alignments and Subtle Energies*, 7 January 2010, e-paper online at <http://vixra.org/abs/1001.0004>
6. *The Auras of Abstract Geometry, their Interaction with Space-time, and their Effects on the Mind's Perception*; 28 February 2011, e-paper online at <http://vixra.org/abs/1102.0055>
7. Author's website www.jeffreykeen.org .
8. The British Society of Dowsters
<http://forum.britishdowsters.org/viewtopic.php?f=22&t=1420>
9. ORMUS - Scientific Overview <http://www.subtleenergies.com/ormus/tw/sciover.htm>
10. What Is Orgonite? <http://www.orgonite.info/what-is-orgonite.html>

Further Reading

- Bird, Christopher : *The Divining Hand*, Shiffer Publishing, 1993.
- Bekenstein, Jacob : *Information in the Holographic Universe*, Scientific American, 2003
- Bohm, David : *The Undivided Universe*, Routledge, 2005, 041512185X
- Bohm, David : *Wholeness and the Implicate Order*, Routledge, 1980
- Curran, Jude : *The Wave*, O-Books; 2005, 1-905047-33-9
- Dyer, Dr Wayne : *The Power of Intention*, Hay House 2004
- Edwards, Lawrence : *The Vortex of Life*, Floris, 1993, 0-86315-148-5
- Greene, Brian : *The Fabric of the Cosmos*, Allen Lane, 2004
- Hansard, Christopher : *The Tibetan Art of Positive Thinking*, Hodder, 2003
- Hawking, Stephen : *The Universe in a Nutshell*, Bantam Press, 2001
- Keen, Jeffrey : *The Causes of Variations When Making Dowsable Measurements; Part 1 - Introduction and Personal Factors*, 28 November 2009, e-paper online at <http://vixra.org/abs/0911.0062>
- Keen, Jeffrey : *The Causes of Variations When Making Dowsable Measurements; Part- 4 The Effects of Geometric Alignments and Subtle Energies*, 7 January 2010, e-paper online at <http://vixra.org/abs/1001.0004>
- Keen, Jeffrey : *Consciousness, Intent, and the Structure of the Universe*, Trafford, 2005, 1-4120-4512-6, <http://www.trafford.com/robots/04-2320.html>

- Keen, Jeffrey : *A Model of Consciousness*, April 2009, Vol. 65 No 4 World Futures – The Journal of General Evolution, Taylor & Francis.
- Laszlo, Ervin : *The Connectivity Hypothesis*, SUNY Press, 2003
- Laszlo, Ervin : *Science and the Akashic Field*, Inner Traditions; 2004; 1-59477-042-5
- Lyons, James : *Quantifying Effects In Consciousness*, University of Hull 1998
- McTaggart, Lynne : *The Field*, Harper Collins, 2001
- Merrick, Richard : *Interference (A Grand Scientific Musical Theory)*, 2009, 978-0-615-20599-1
- Mitchell, Edgar : *Nature's Mind: the Quantum Hologram*, <http://www.edmitchellapollo14.com>
- Muller, Hartmut: *Global Scaling*, <http://globalscalingtheory.com/> .
- Penrose, Roger : *Shadows of the Mind*, Oxford University Press, 1994
- Penrose, Roger : *The Emperor's New Mind*, Oxford University Press, 1999
- Pribram, Karl : *Consciousness Reassessed*, Mind and Matter, 2004
- Radin, Dean : *Conscious Universe*, Harper, 1997, 0062515025
- Radin, Dean : *Entangled Minds*, Paraview, 2006, 1-4165-1677-8.
- Rosenblum, Bruce & Kuttner, Fred : *Quantum Enigma*, OUP/Duckworth, 2007, 978 07156 36541.
- Sheldrake, Rupert : *Morphic Resonances*, Inner Traditions, 2000
- Sheldrake, Rupert : *The Sense of being Stared At*, Arrow, 2004
- Smolin, Lee : *The Trouble with Physics*, Allen Lane, 2006, 978-0-713-99799-6
- Stewart, Malcolm : *Patterns of Eternity*, Floris Books, 2009
- Talbot, Michael : *The Holographic Universe*, Harper, 1996, 0586091718
- Tiller, William : *Subtle Energies, Intentionality and Consciousness*, Pavior 1997, 0964263742.
- Tiller, William : *Conscious Acts of Creation*, Pavior, 2001, 019293310531
- Wallace, Alan : *Hidden Dimensions (The Unification of Physics and Consciousness)*, Columbia University Press, 2007.

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Appendix 1

Detailed Findings

The following describes the dowsed pattern in Figure 3 in more detail for a solid source geometry as measured by the DRG in January 2008. To obtain the optimum dowsable effect the long axis was aligned to the north. As always in dowsing values change in time, but the general conclusions and ratios are the same. Due to the complexity of the dowsed patterns, a bullet point format has been adopted to improve comprehension.

1. There are 4 spirals both to the north and south of the extended long axis. Their separation forms an arithmetic progression, with an average arithmetic constant of 1.73 metres. See Table 4.
2. There are also 4 different spirals both to the north and south (of the extended) long axis. These form a geometric progression, with a geometric constant of 2.08, as shown in Table 4.
3. The extension of the short axis also has 4 spirals with similar arithmetic and geometric progressions. The constants average 1.37 and 2.30 respectively, but compared to the long axis there is a greater deviation from the average.
4. On each of the 45° lines between the n-s and e-w lines, there is only 1 spiral.

The Alignment and Spacing of the Spirals

Long Axis; South to North

Spiral No.	Arithmetic		Geometric	
	metres	Constant m	metres	Constant
1	2.08		2.1	
2	3.94	1.86	4.46	2.12
3	5.58	1.64	9.24	2.07
4	7.26	1.68	18.98	2.05
Average		1.73		2.08

Short Axis; West to East

Spiral No.	Arithmetic		Geometric	
	metres	Constant m	metres	Constant
1	1.59		1.31	
2	3.50	1.91	3.74	2.85
3	4.36	0.86	8.19	2.19
4	5.70	1.34	15.23	1.86
Average		1.37		2.30

Table 4

Appendix 2

Orgone Energy

*Bob's Geometry appears to "suck" in subtle energy, and then eject it in a different format. For an abstract source a different energy (which can be categorised as Type 7) seems to flow **in** from the **east** and the Orgone (which can be categorised as Type 6) flows **out** toward the **west**. These observations seem to be a mirror image of solid geometry. It is not currently known why.*

*Orgone energy enhances auras. For example, it increased the aura of a glass of water by 3.6 times on one day and 3.4 times on another. (See Table 5). Human auras can be increased by 4.8 times! It may take 3-5 minutes for the auras to maximise. These results were obtained by placing 4 glasses of water 10 cms from the 4 apexes of an abstract version of Bob's Geometry. However, only the water or objects placed at the **west** apex was affected with increased auras. On removing the western objects from Bob's geometry their auras rapidly returned to their original states.*

As the major axis of Bob's Geometry shape was rotated away from pointing north, the aura of a glass of water placed by the west apex reduced from a 3.36 times increase when pointing north, to 2.26 times when orientated at 22.5° from north. There was no increase in auras at angles greater than 22.5° from north - there being a sudden cut-off as no Orgone Energy was detected. (See Table 6).

Effect on Auras of 4 Glasses of Water placed at N, S, E, W, Apexes

Orientation	Aura Size mms	Increase in Aura Size
North	133	1.00
South	133	1.00
East	133	1.00
West	447	3.36

28th Aug 2010

17:00

Effect on Auras of 4 Glasses of Water placed at N, S, E, W, Apexes

Orientation	Aura Size cms	Increase in Aura Size
North	28	1.00
South	28	1.00
East	27	0.96
West	101.5	3.63

19th Aug 2010

11:00

Table 5

As illustrated in Table 6, there is a sudden cut-off of Orgone production at 22.5°. As the 22.5° cut-off angle of alignment is similar, within experimental error, to the 23.5° angle of the earth's tilt on its axis, it could suggest that the earth's spin (and true north) is important in producing Orgone Energy. Alternatively, as the cut-off angle of 22.5° is simply ½ of 45° Orgone is produced by the geometry of space-time and spin is not involved. Further research is therefore required.

Effect on the Aura of a Glass of Water placed near short West Apex as the Glass and Geometry are Rotated from North

Degrees from North	Aura Size mms	Decrease in Aura Size
0°	447	3.36
5°	435	3.27
20°	370	2.78
22.5°	300	2.26
25°	133	1.00
90°	133	1.00
180°	133	1.00
270°	133	1.00

Table 6

Within the limits of experimental error, and as the local magnetic variation was between 2-3° where the detailed experiments were carried out, and in a building containing steel frames, this data cannot be used to prove scientifically if magnetic north, or true north is fundamental for the orientation of the long axis. (However, the same general results as above are observed in a field away from exceptional magnetic influences).

The Orgone Energy cone had a divergence half-angle ranging from 3.5° when the major axis pointed north and increased to 26° when the major axis was 22.5° from north. Above 22.5° there was no cone. (See Table 7).

Divergence Angle of the Orgone Energy Cone as Bob's Geometry is Rotated from North

Angle from North °	Divergence Angle °	Half Angle °
0°	7	3.50
5°	26	13.00
20°	33	16.50
22.5°	52	26.00
25°	0	0.00

Table 7