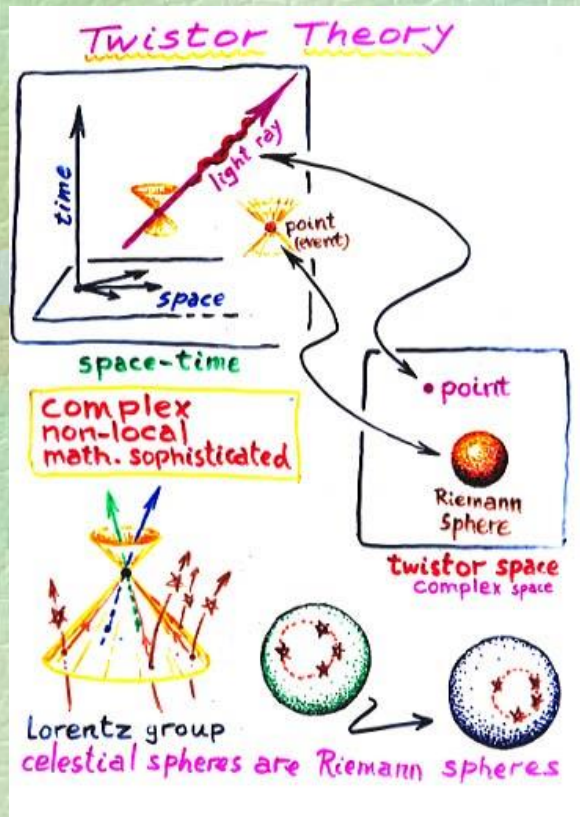


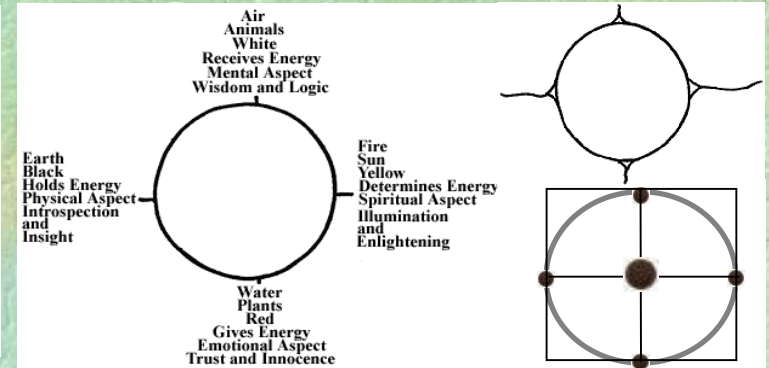
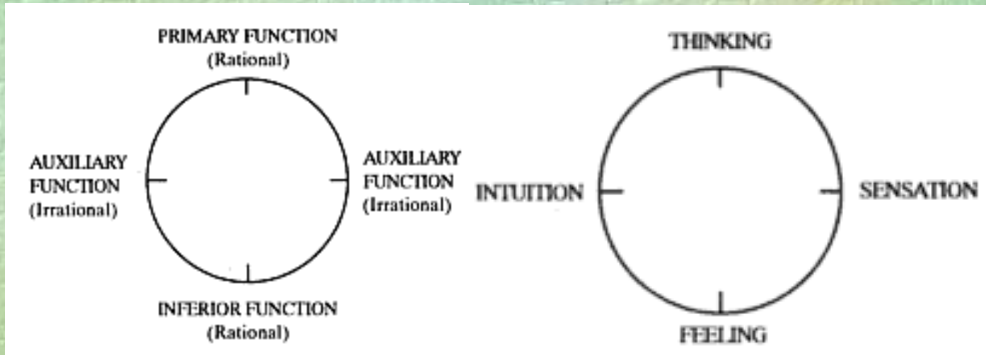
# Some collected models: projections and iconic words



Nexial-topology  
manipulates  
geometric projections  
in dimensional orders

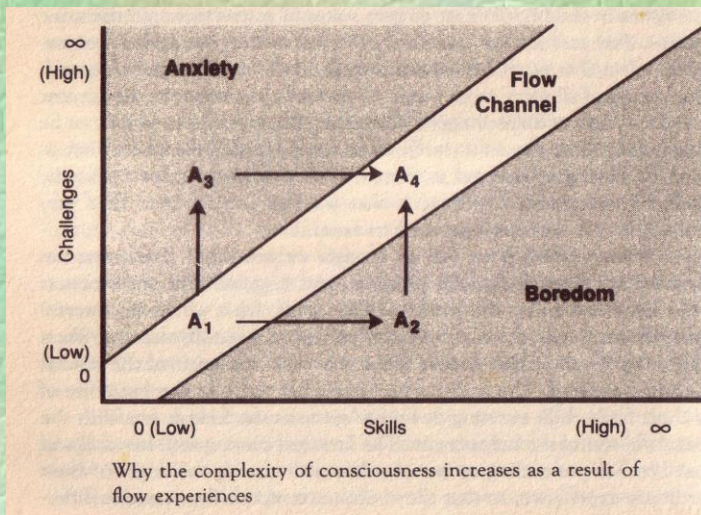
(Roger Penrose:  
'Googly geometry')

# M4 square models



Jung: 4 primary functions & personality types

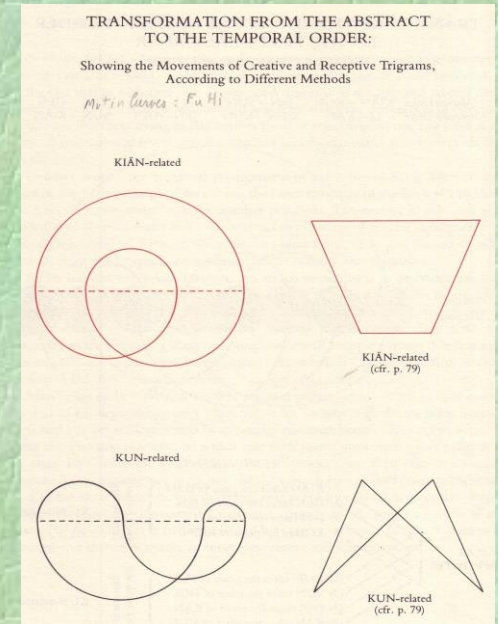
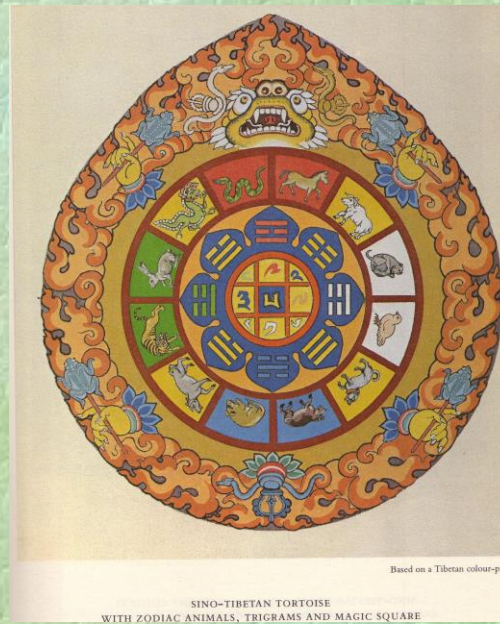
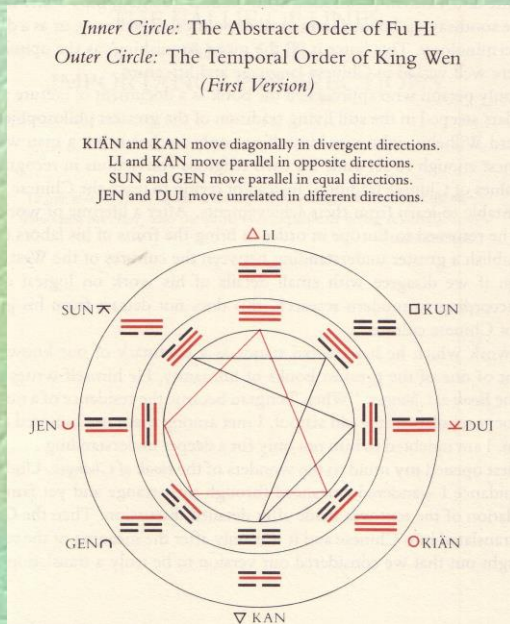
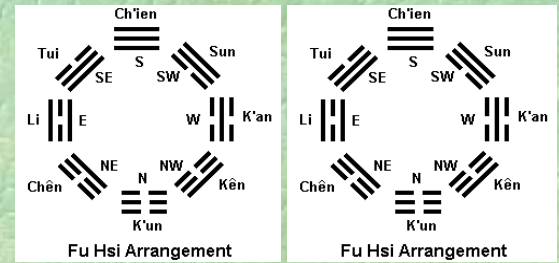
Native teachings of the Medicine Wheel: The Powers of the Four Directions, source of everything that exists in the world (Loomis 1991)



Experiential state of 'flow' as a balance between anxiety and boredom (Csikszentmihalyi 1994)

# M8 models: squaring M4

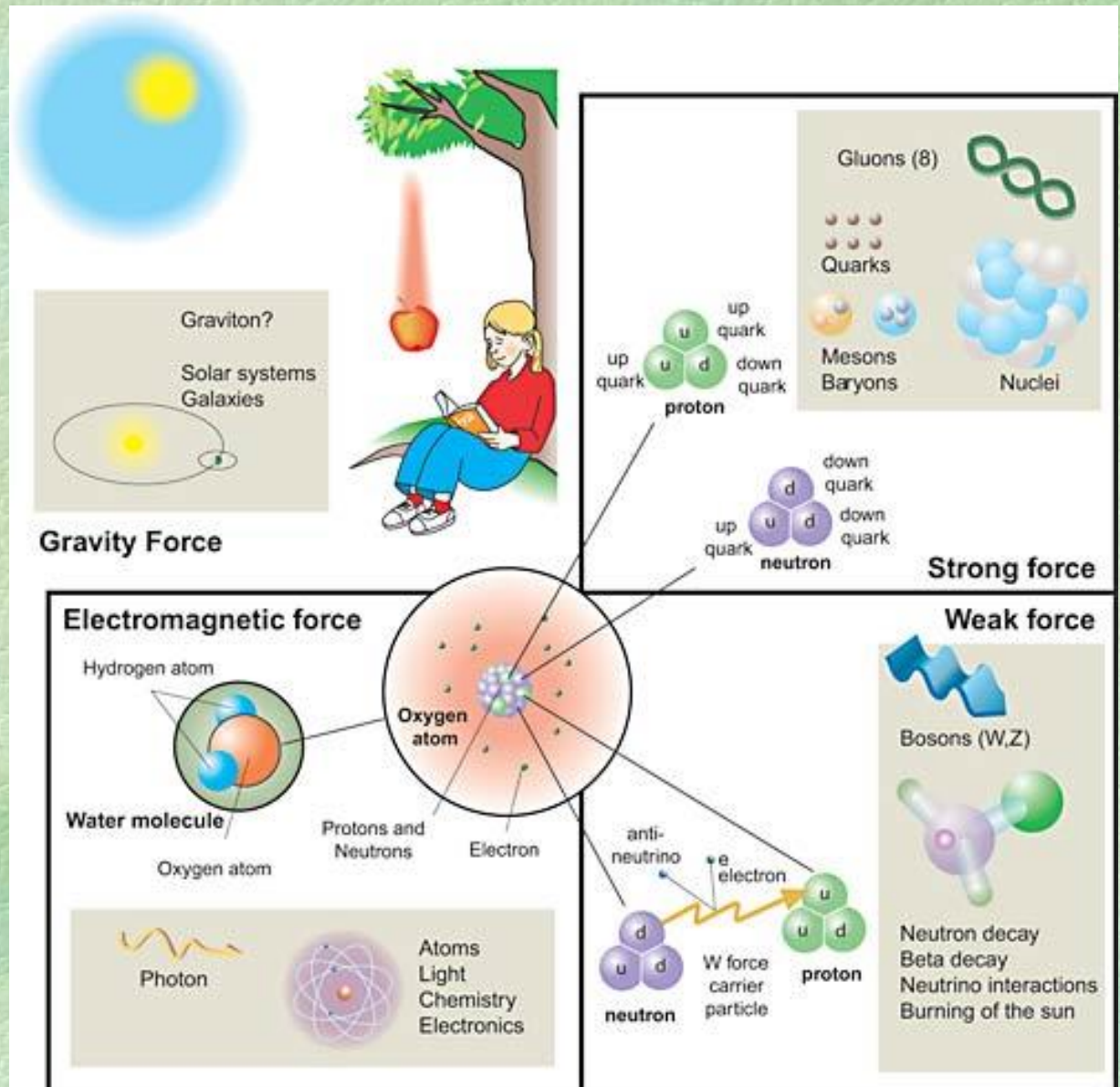
Two *PaKua* models in the Chinese *I Ching* (Wilhem 1989)  
 ‘Before the World’ & ‘Later Heaven’



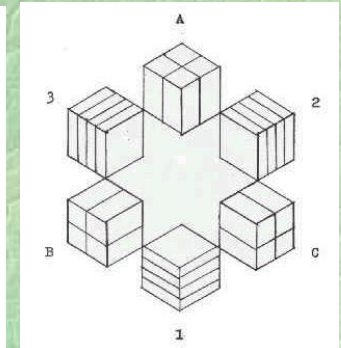
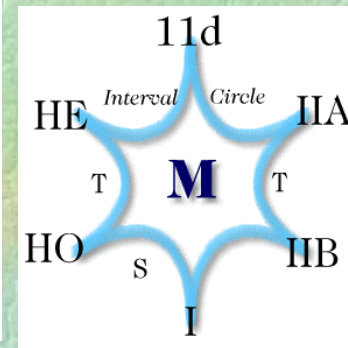
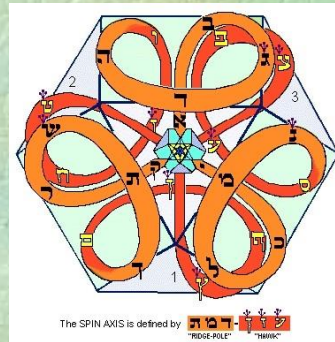
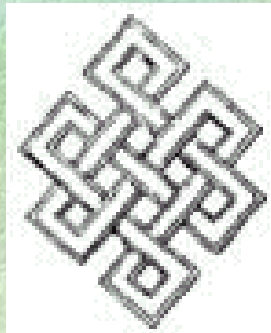
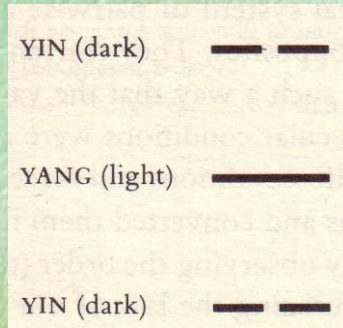
Using Numbers to evade the ‘speculations created later thinkers’ in the form of ‘names, [and] political, poetical or pictorial’ imagery’: ‘Systematic permutations of...[8 trigram] signs’ (left, p.67) explain the 64 hexagram patterns of the ‘Sequence of Later Heaven’ (later *PaKua*) and are consistent with the Chinese and Tibetan (middle p.53) correspondences associated with the cardinal points of ‘The Earth’, viewed as ‘stages of change’ and ‘transformations’ (which are different in the ‘*Before-the-world sequence*’, remaining unexplained). The 2D topographic maps of correspondence (right p.102) are strikingly similar to some common 3D imagery in topology. (Govinda 1981 pp.53, 67, 102)

M5 models:  
M4 plus  
a small or  
a large, or a  
beginning or  
end

The four forces (or  
interactions) of  
Nature (The Nobel  
Prize in Physics  
2004)



# M6: general (2,3) descriptions, traditional & modern



- The dual-value of 3 lines: trigram (yin, yang)
- Tibetan *shirivasta*: endless knot, symbolic of luck or life.
- ‘These are the six types of “sense-consciousness” through which we perceive ourselves as a complex of thoughts, feelings, expectations, and physical sensations.’ (Tulku 1976)
- A kabbalistic interpretation of the Hebrew alphabet cosmology (Tenen 1998)
- . M-theory in superstring theory (Schwarz 2006)
- group actions in various cases of the diamond theorem (Culligan 1984)
- and hexagonal shapes in animal anatomy and nature (eg snow flake, rugosa, crystal-water)

(N2d-: dual or nodal, N3p-: polar or modal):  
 from beginning to end: ‘ideal’ model

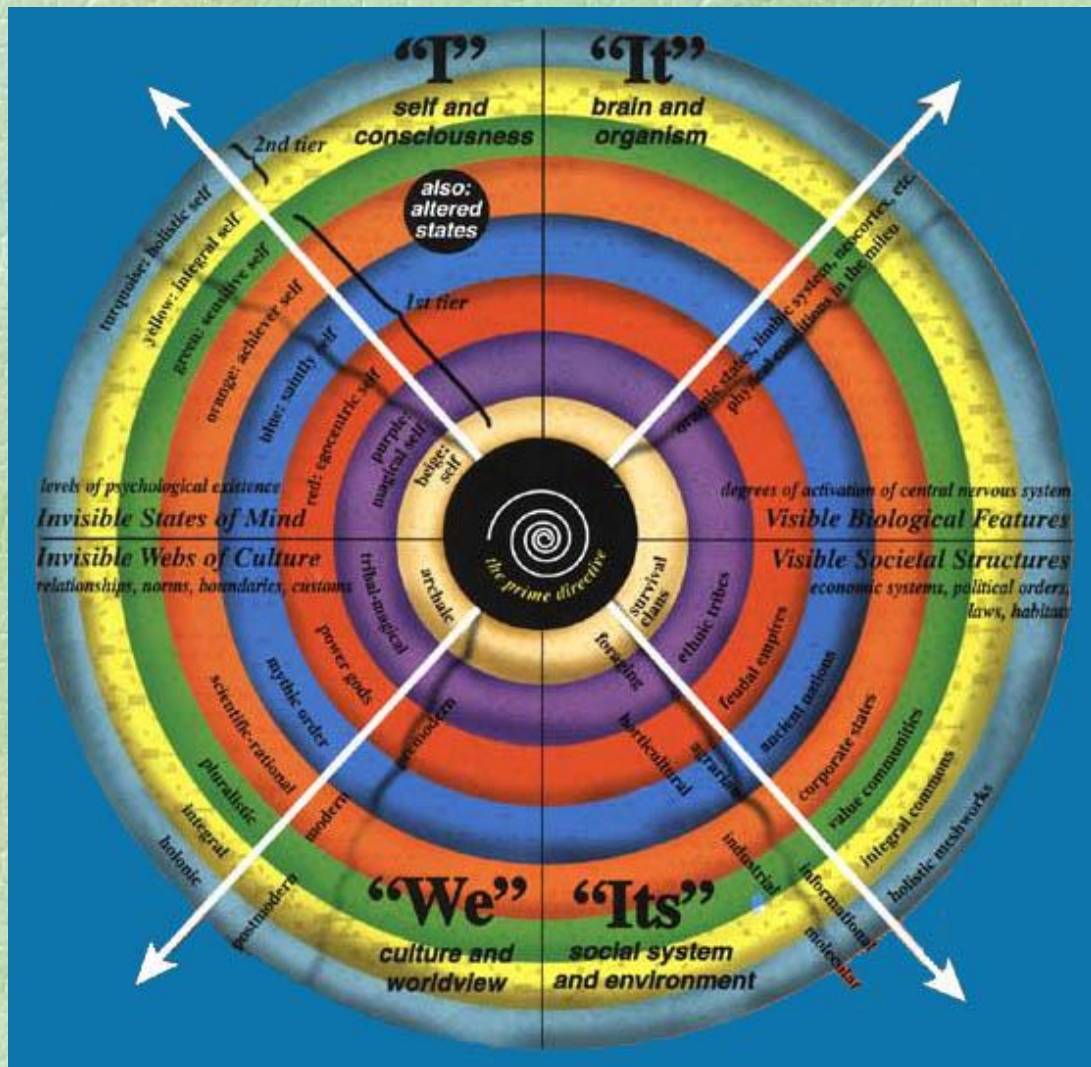
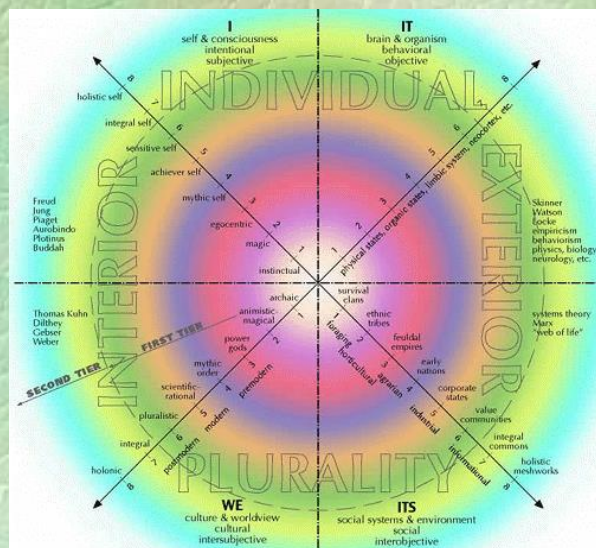


Crystal water (Emoto 1999)

# A complex model: M<sub>any</sub>

## M4 plus a staged evolutionary diversity

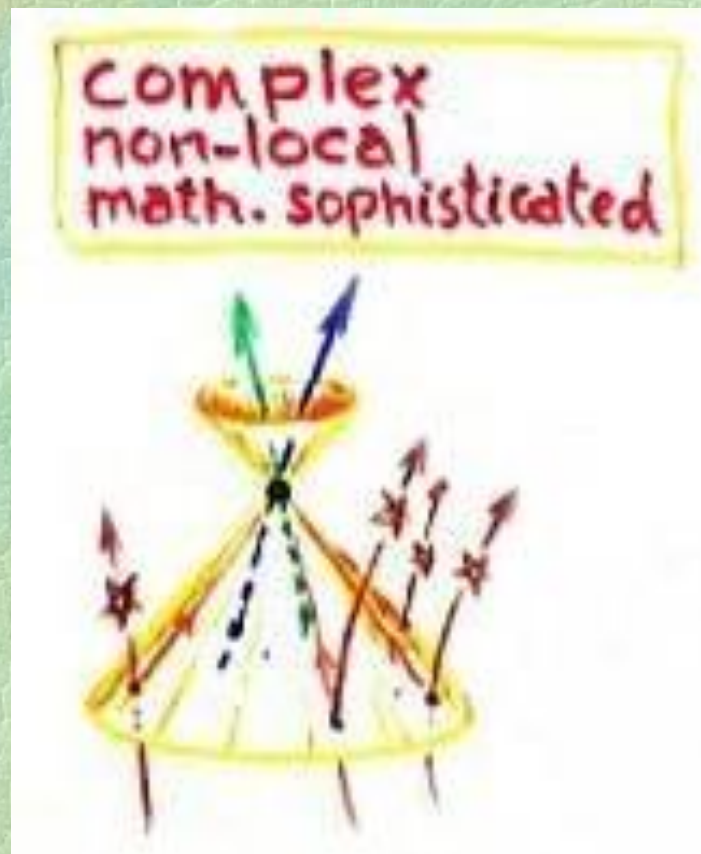
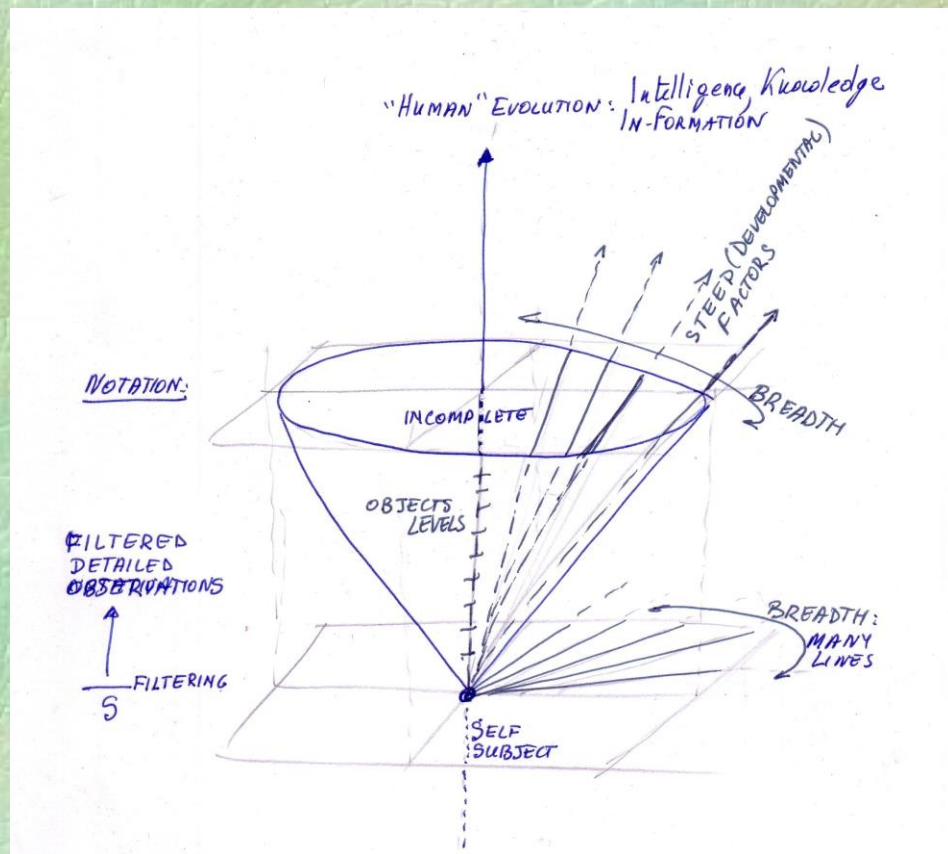
3D interpretation  
 (right: Juno 2006) of  
 Wilber's AQAL model  
 (2006) – ‘all quadrants  
 all levels’ (Diana 2006,  
 below).



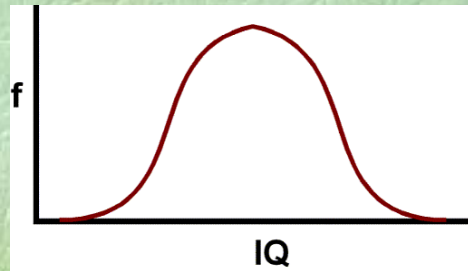
# Complexity in 'advanced' models: Cone

Inversion between (H-)globalising view and (Sc-)non-local view

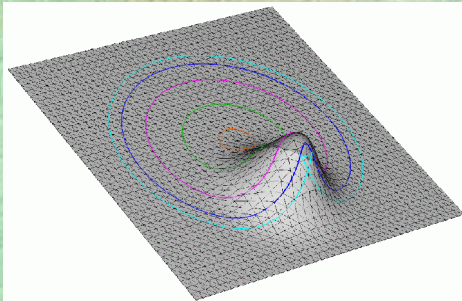
Compare interpreted Wilber (2006) to my imaging (left) from the (H-)notation system for 'Reframing environmental scanning' (Voros 2001), and to Penrose's (Sc-) drawing (right) for developments of 'twistor theory' (Penrose & Hadrovich 2006)



# Bells, mounds, peaks: statistics & probabilities



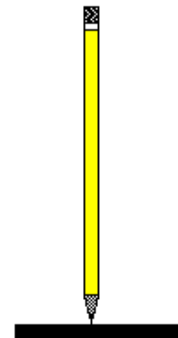
The normal distribution: a bell-shaped Gaussian curve



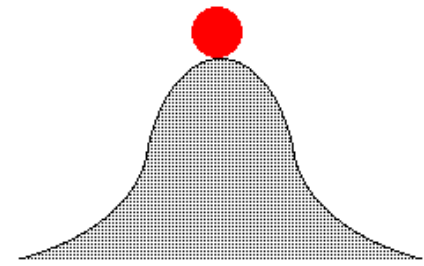
System of geodesic offset curves on a Gauss bell shaped surface (Wolter 2000)

## Instability

there are many examples in Nature of balance points that are **unstable**



pencil on its point



ball at the top of a hill

any **perturbation** on these objects causes a runaway to a more stable point

Instability in physical nature  
(Schombert 2005)

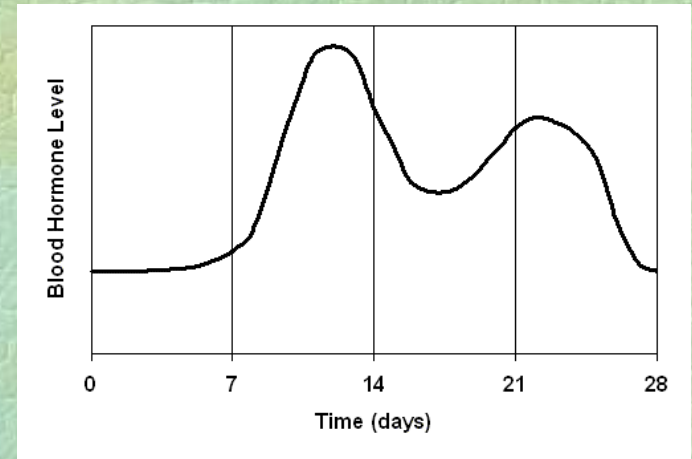


# Topology as topography :

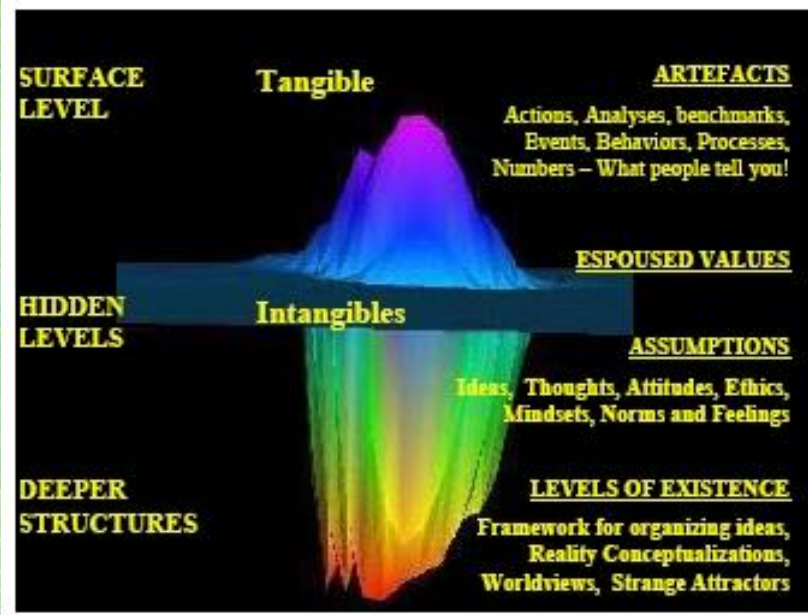
valley (lost & sought), abyss, 'below', 'the deep', 'the pit' (hidden & dreaded) v. mountain (improvement)



Complex or just complicated: what is a complex system?  
(CSIRO 2005.)

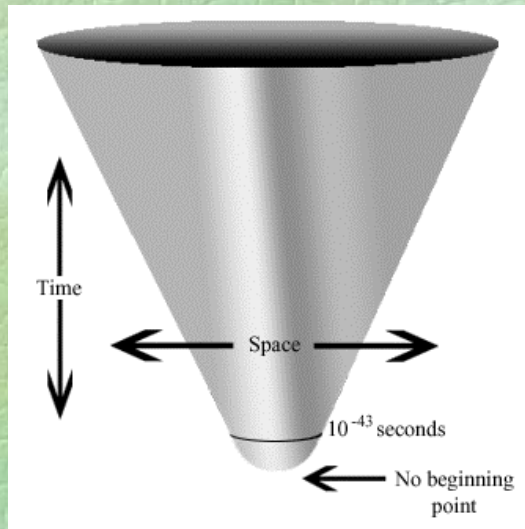


Female menstrual cycle  
(Cullum 2001):  
Peaks and lows

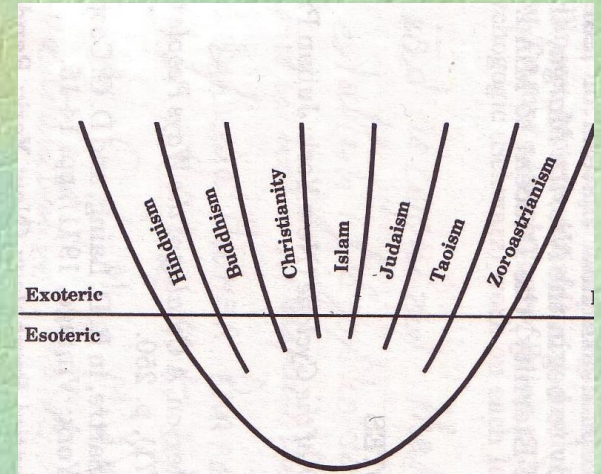


A model used in Spiral Dynamics  
(Beck 1999)

# Cones, cups & ‘bottom’ or ‘bottomless’: crucibles of creation, chalices of the water of life, ash urns... or non-naturalistic ‘no boundary’



Hawking:  
‘No boundary  
proposal’ for  
space-time  
(Guthrie 2002.)



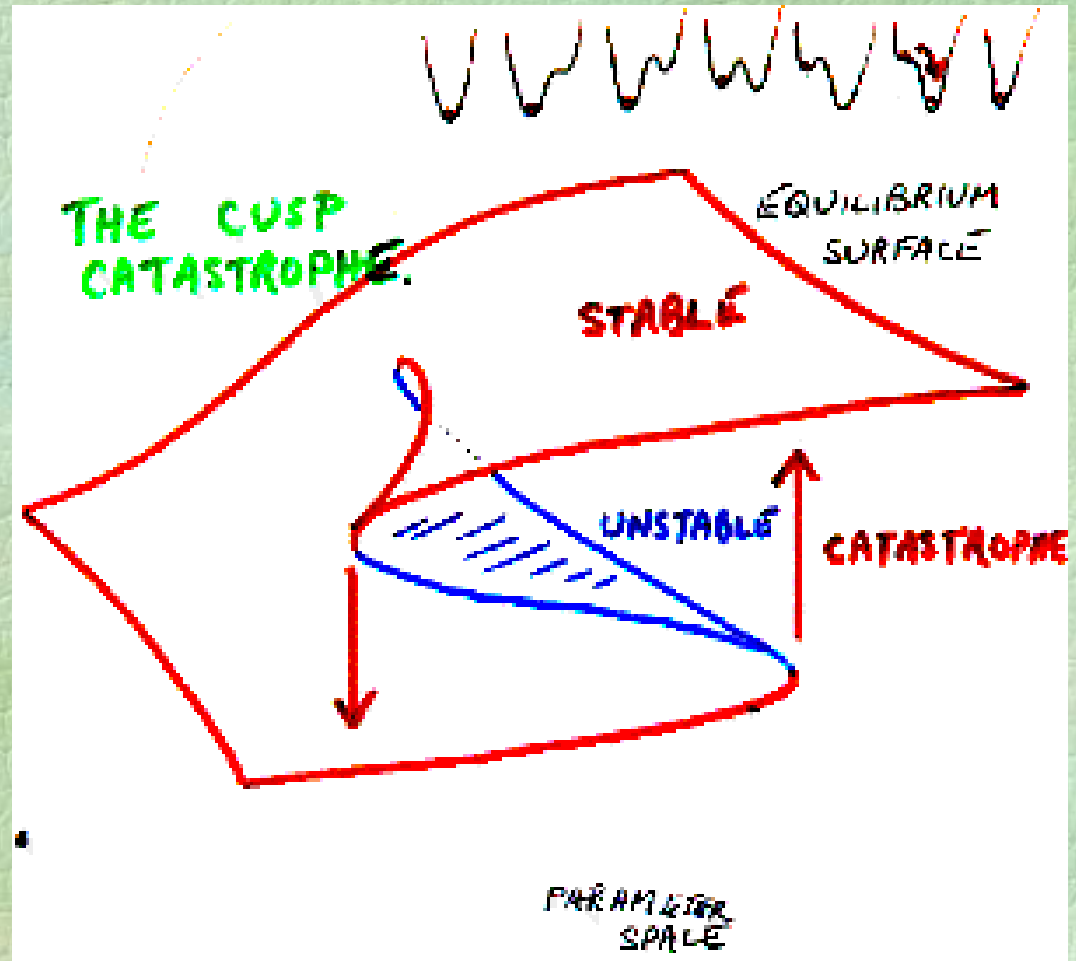
Topology: ‘a paper lying  
on the bottom of a  
wastebasket is really  
outside the basket, not in  
it, since being in would  
require removal of a  
boundary. (Britton 2006)



‘Below’ (cup below the line) is  
an esoteric mode, which Wilber  
associates with the ‘non-dual  
mode’. ‘Above’ is an Exoteric  
mode, which Wilber associates  
with symbolic thinking.  
(Schuon in Wilber 1977 p.249)

Unfold, Endfold...

2-sided Folding  
into 'Critical'



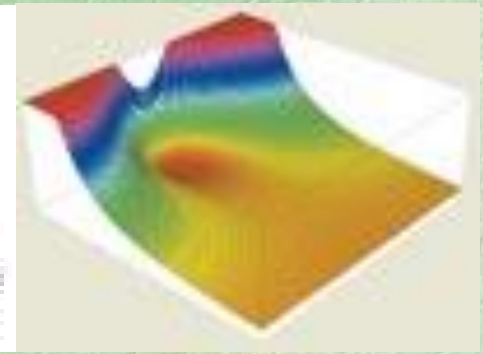
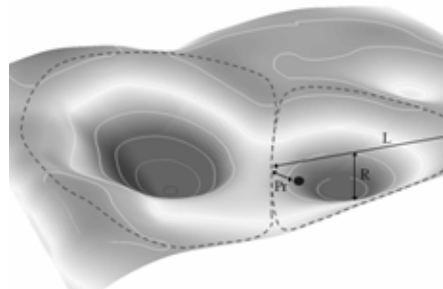
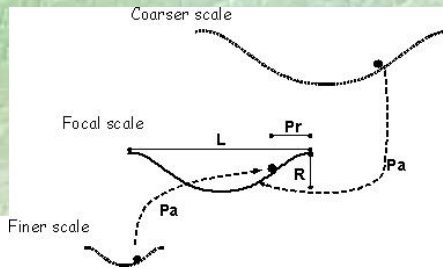
Catastrophe theory:

‘catastrophes can be classified based on how many control parameters are being simultaneously varied. For example, if there are two controls, then one finds the most common type, called a "cusp" catastrophe.’ (Exploratorium 1996)

Landscapes,  
topography  
and  
recreating the world

# Modelling instability and stability: Landscapes

‘Almost’: statistic approximation (most) - probability (near)  
- best fit models - Gödel’s incompleteness...



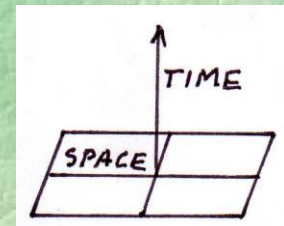
‘East Wind’  
and ‘The Pit’

Stability in  
ecosystems  
(resilience)  
(Walker et al. 2004)

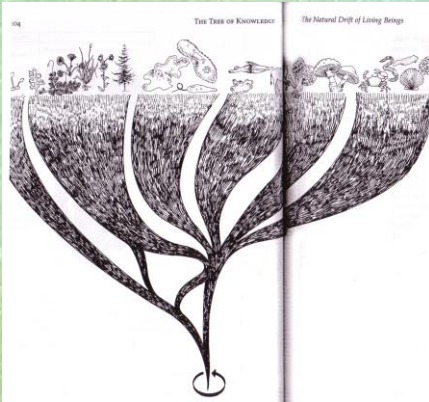
Epigenetic  
landscape  
(Waddington  
1975)

Stringscape  
(Quevedo 2003)

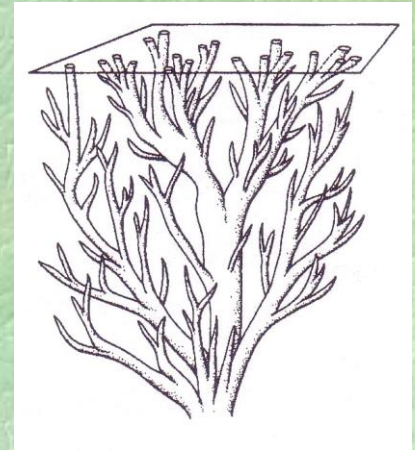
**Topographic language:** cups, cones, bells,  
mountains, branches, staffs, rods, and LAND.



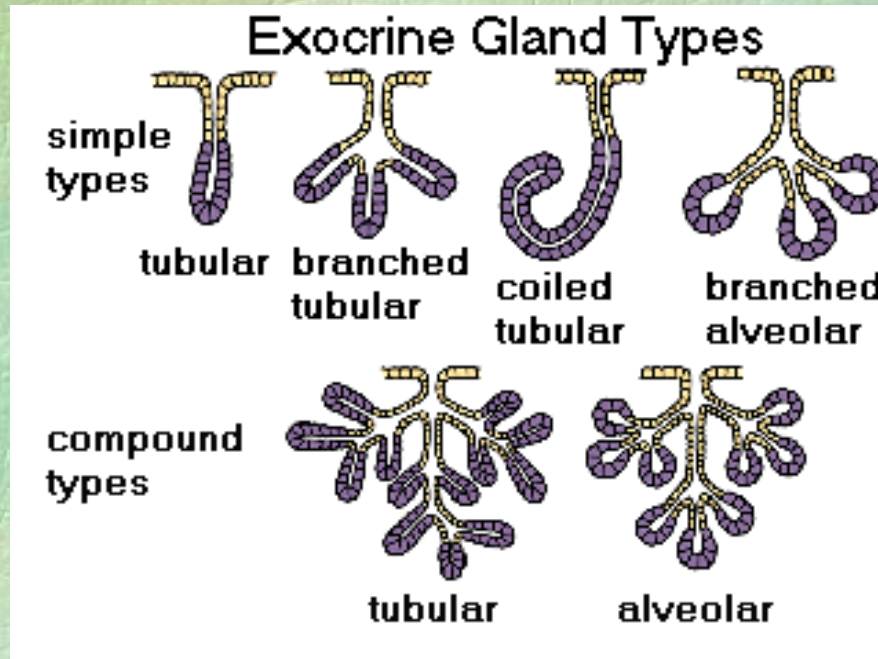
# Topographic branching trees in natural and human sciences



The natural drift of living beings (Maturana & Varela 1987 p.104 )



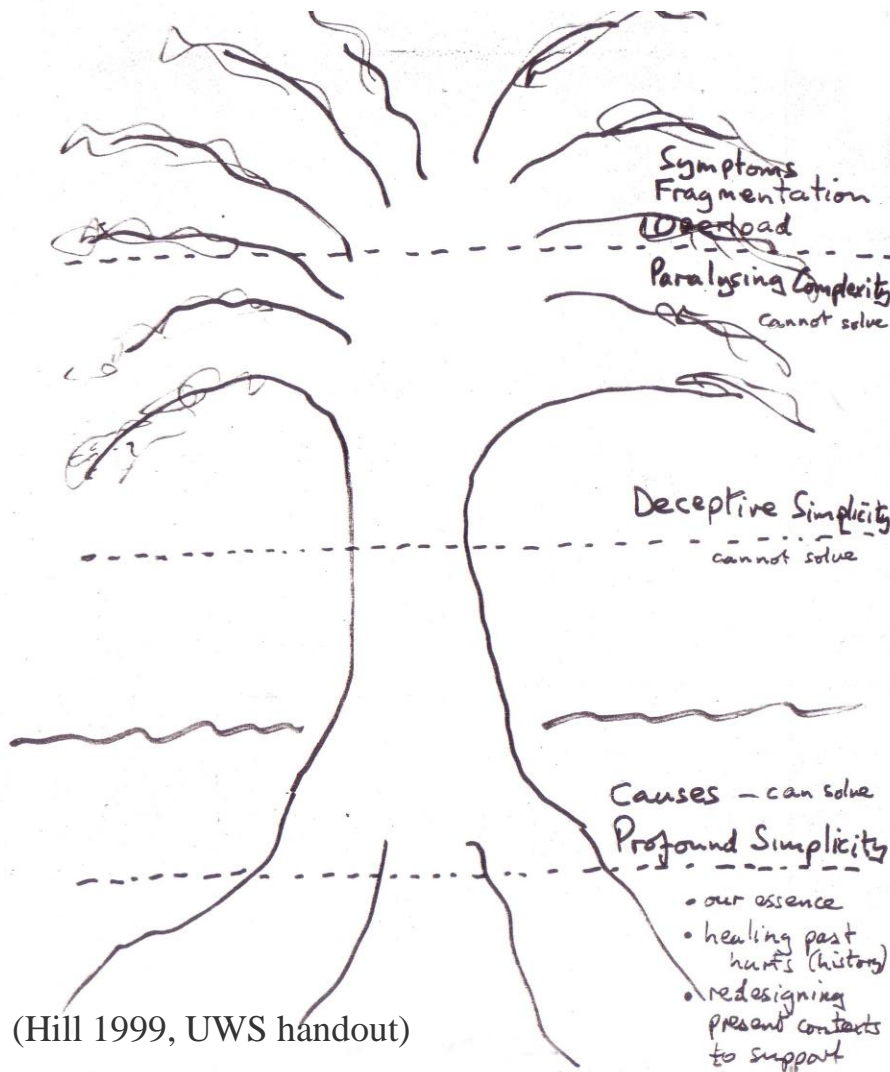
The iconography of the cone of increasing diversity (evolution). (Gould, in Silvers 1995 p.63)



Topography in anatomy. (Rubbelke 1999)

# Pr. S. Hill's imaging of Peckham conclusions as drawn in Pearse & Crocker (1943)

– Many challenges –



(Hill 1999, UWS handout)

Compensation is brought about by the adaptive function of the organism turned into a defensive mechanism and is carried on at the expense of the reserves of action and function. It is thus a spending or wasting process.

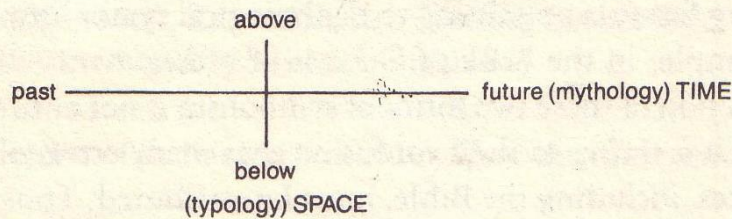
The adaptive function of the organism is in health directed to the digestion and synthesis of the external material and the conditions of the environment. Health is thus a process, not a state. It is a cumulative as opposed to a spending process, not defensive but acceptive.

Williamson, G. S. & I. H. Pearse 1938  
Biologists in Search of Materials, p.92

[Health] ... is seen in a progressive mutual synthesis participated in by both organism and environment. It is 'wholeness'.

Pearse, I. H. & L. H. Crocker 1943  
The Peckham Experiment: a study of the living structure of society, p.15(24)

H- The formula of analogy applied in space is the basis of *typological* symbolism, that is, of symbols expressing correspondences between *prototypes* above and their manifestations below; the formula of analogy applied in time is the basis of *mythological* symbolism, that is, of symbols expressing correspondences between *archetypes* in the past and their manifestations in the present. Thus the Magician is a typological symbol; he reveals to us the *prototype* of the MAN OF SPIRIT. Whilst the Biblical accounts of Adam and Eve, Cain and Abel, and if you wish, also, the *schisme d'Irschou* of Saint-Yves d'Alveydre (cf. *Mission des Juifs*, vol. ii, Paris, 1956, pp. 191ff.) are, on the other hand, *myths*; they reveal the *archetypes* which manifest themselves endlessly in history and in each individual biography — they are mythological symbols pertaining to the domain of time. These two categories of symbolism, based on analogy, constitute through their mutual relationship a cross:



downwards or “below”, the other turned upwards and open towards the “above”.



# Above & Below

Refomulating the biblical quadratic model of ‘the 4 corners of The Earth’, with an arcane topographic typology (modalities), modulated by explanations about the ‘Above’ and the ‘Below’. (Powell 2002, p.13 & 60)



# ‘Advanced’ modelling of origins and ends, whole-all, historical origin



‘*Metamodel*’ (Von Bertalanffy, Banathy, Stalinski, Mandel 1996, International Society for the System Sciences, the Wholeness project)

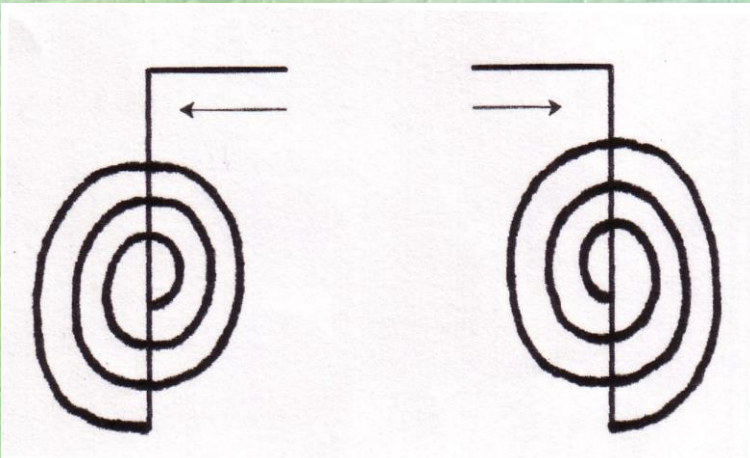
‘That is our goal: to "reverse engineer" an explanatory framework that plausibly accounts for all...’ (Wilber 2006)

‘We propose here that evolution occurs as a phenomenon of structural drift under ongoing phylogenetic selection’; ‘we can describe only *a posteriori* how its transformations occurred’:the ‘history of living beings’ that ‘we see in a retrospective view’. (Maturana & Varela 1987 p.115 )

a posteriori reconstructions:

only a retrospective view on what is being modeled

# Tradition-based current methods for naxialist or topographic enfolding-unfolding: (compare to advanced sciences, to archaic views: direction & boundary)



A Reiki visualisation symbol  
to deploy creations:

Topographic: axis → motion

Axis to curve (sword), turn L- & R-,  
activate, circulate the space to make  
an opening and set straight

This Symbol can be visualised divided into it's three dimensions i.e.

**CHO** the Curving Sword

**KU** A space where there is nothingness creating openings.

**REI** The Activator or Essence. The Transcendental Spirit which sets  
things right.

(Porter 1997)

# A Qigong 'form': practice to reForm locally 'the world'

& heal  
body



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6

Nexialist: motion → axis



Figure 7



Figure 8



Figure 9



Figure 10



Figure 11



Figure 12



Figure 13



Figure 14

Repeated steps: swirl L- & R-,  
form globe of 'energy', small  
& large, complete space-  
world that stands even

(Wen Wei Ou 1999)

# Experiential representations: a visionary healer's shapes

(N3p-) spinning hands and vertical axis (N3p-N3p) activation

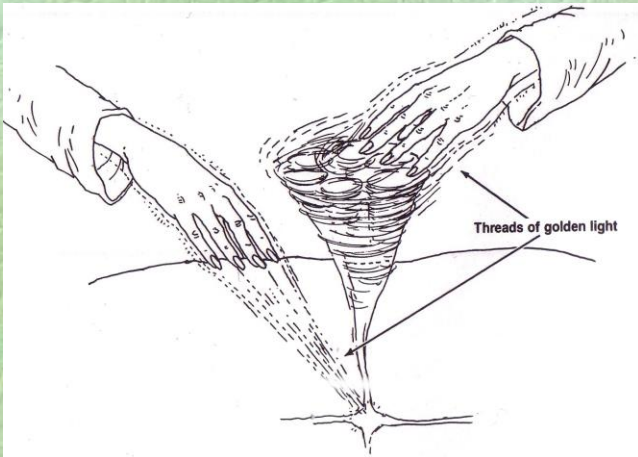
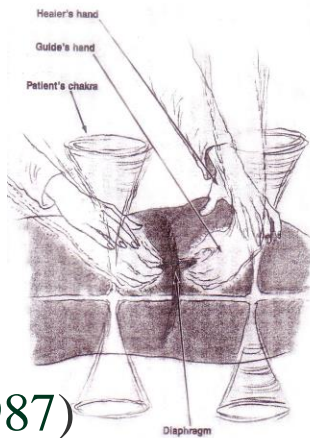


Figure 24-4: Golden Threads of Ketheric Template Healing

Compare  
to  
Maxwell's  
spiral



(Brennan 1987)

## HANDS OF LIGHT

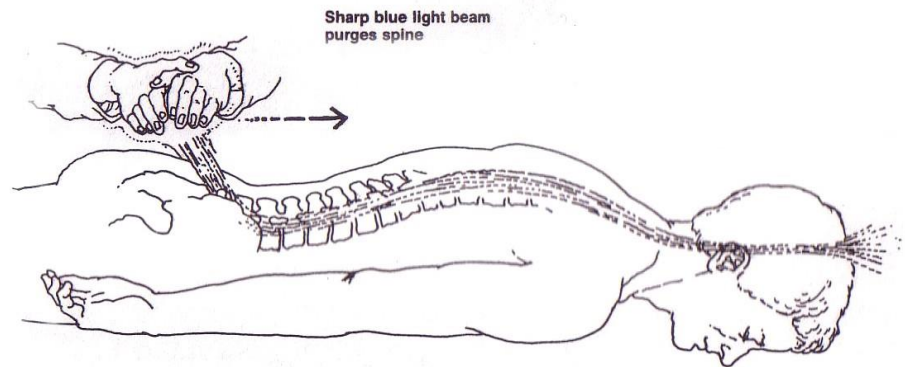
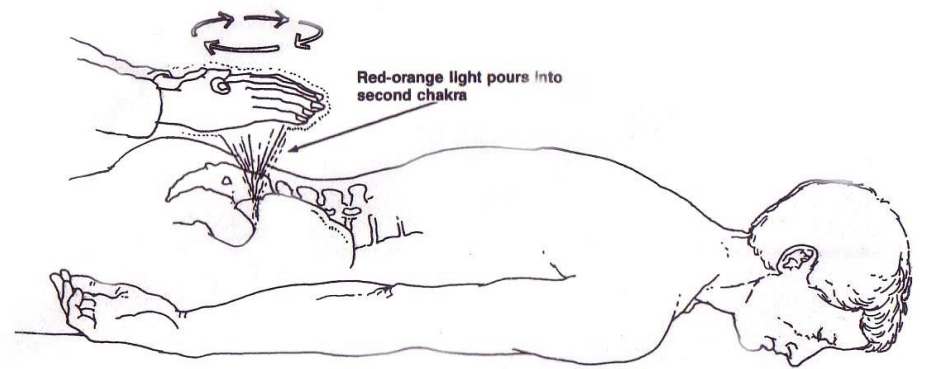
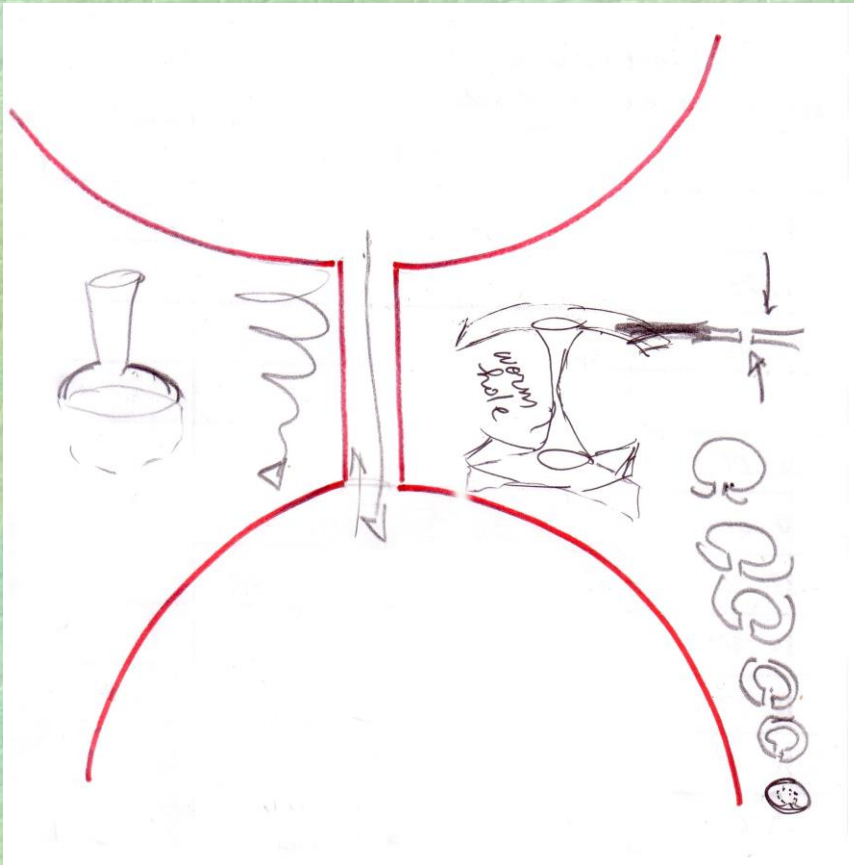


Figure 22-13: Spine Cleaning (Diagnostic View)

# A middle-aged man's EE experience : instant 'travel' to another 'location' (experienced after a 'born-again' EE)

(C. David, personal conversation  
about EEs, 8 May 2005)

Compare to Einstein's circle.



"THERE & BACK"

*experienced by David when this  
woman said she was going to New Zealand.  
He "went there and back instantaneously".*

*drawn by David  
8 May 05*

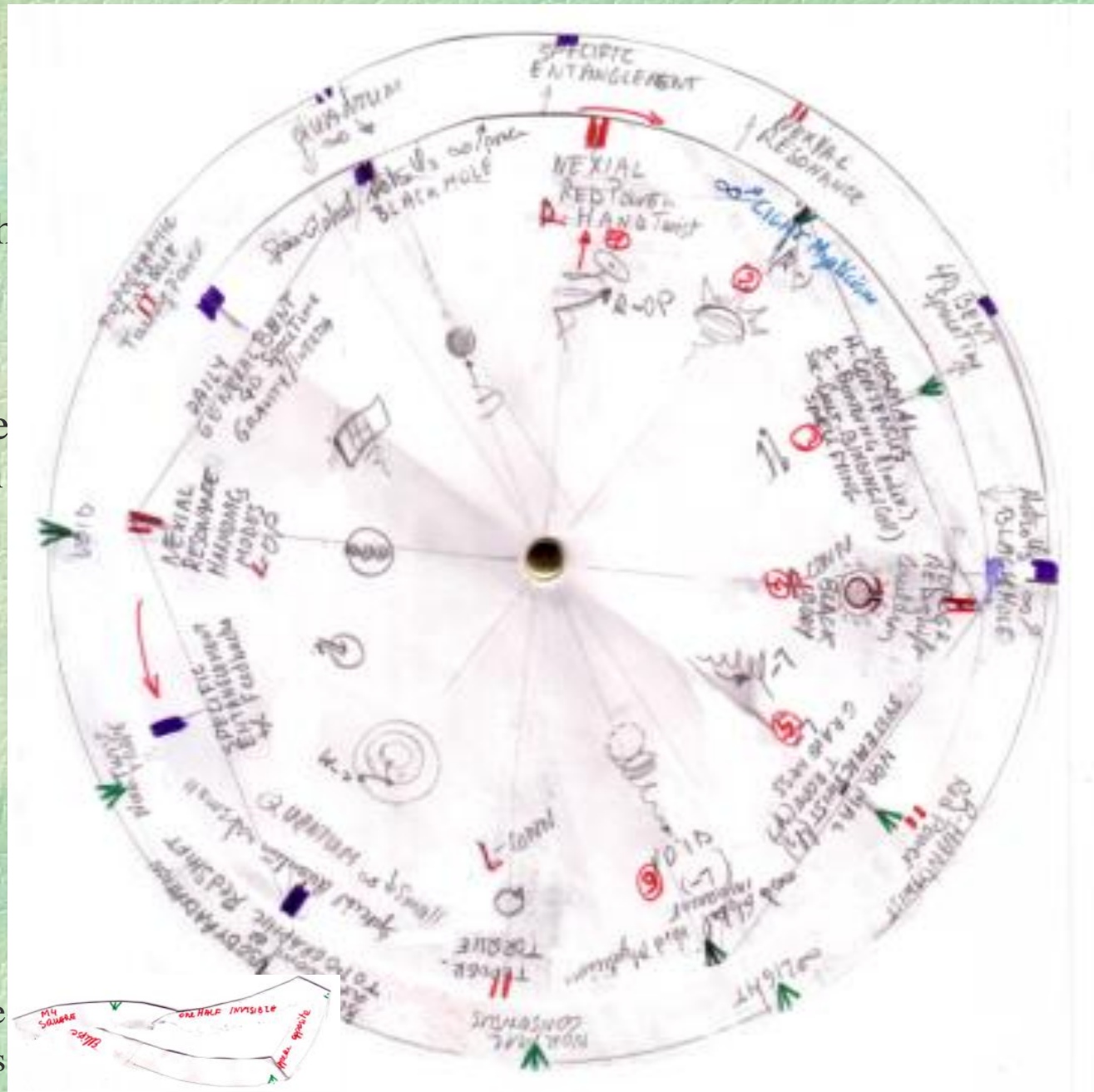
In red: the drawing David made to describe the EE.  
In black, drawings I made to discuss it.

# An endless model

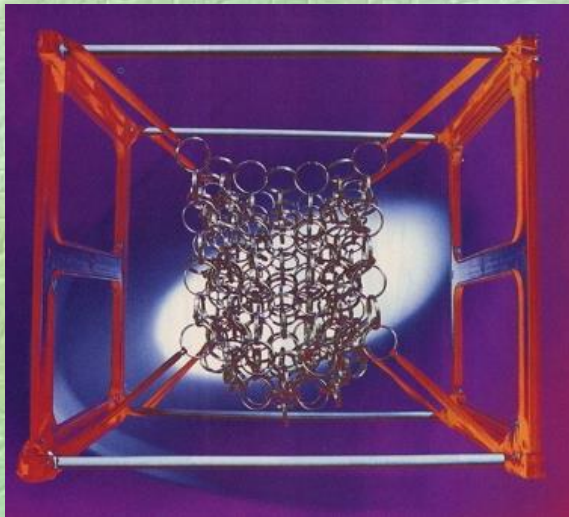
I woke up one day with the urge to make up this modelling mechanism (never used) to understand the rules of transformation from one iconic model to another. The two wheels with 12 points each, operate combinations.

I surmise that this is similar to the often even more complex wheels used by Feng Shui specialists.

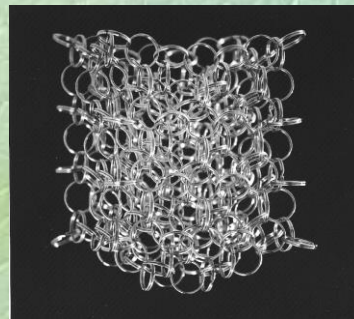
Moebius strip shows double sided wheel & 'endless



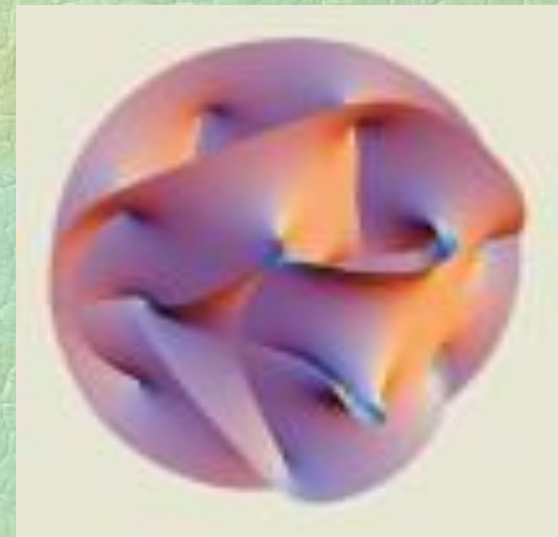
# End result of repeated deployments:



‘Quantum loop foam’  
(quantum loop gravity)  
(Rovelli 1998)



*like*  
*‘brain fog’*



‘Superstrings’  
(Susskind 2003)

Mist, cloud in a box, bag of tangled knots, scattering or glue:  
remote from the daily physical world of humans  
and from body-brain integrity

‘Nexial-topology’:  
animated imaging that allows gauging  
without loosing ground.

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marika bouchon, University of Western Sydney

Ph.D. research advisor:

Professor Stuart Hill, Foundation Chair Social Ecology

