


Towards a University  
for a Regenerative  
Third Horizon




## Module 3

# Qualsystems: The Intermediate Qualsystems

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QUALITATIVE SYSTEMS THINKING



QUALITATIVE SYSTEMS THINKING


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## Approaching Higher Qualsystems

As we increase the number of terms the number of connections goes up further by  $n(n-1)/2$ . This breaks the threshold of our cognitive limit which is  $7+/-2$ . So we have to abstract and simplify and make approximations, always keeping in mind that reciprocal quality means we cannot simply import one system into another.

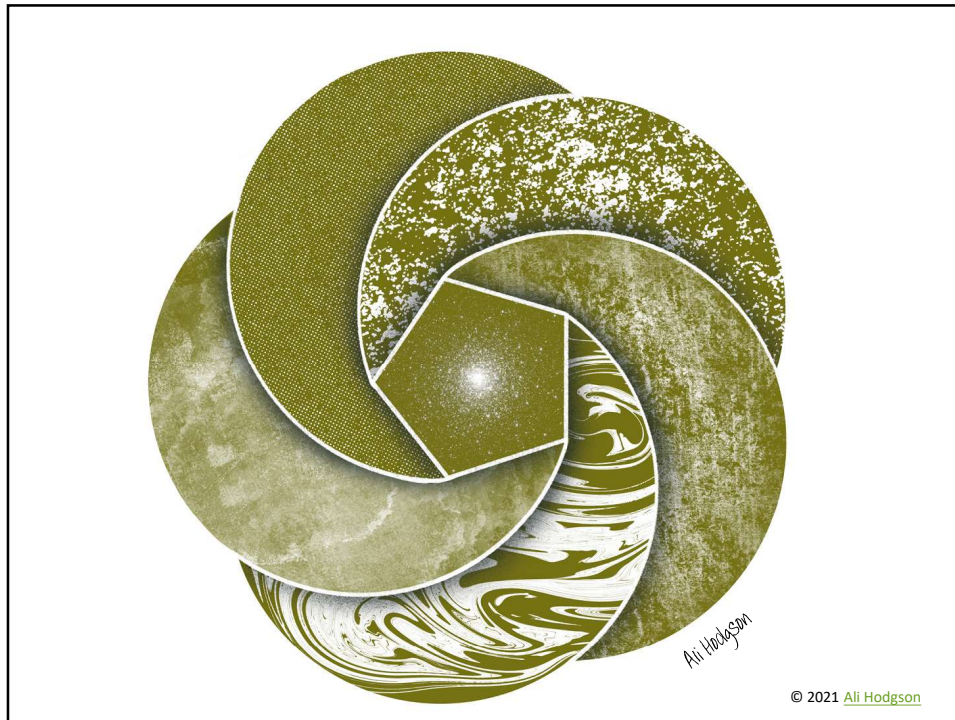
<b>PENTAD</b>	<b>HEPTAD</b>
The last one we try to complete the terms and the connections	We look at the structure of seven-ness in two contrasting interpretations
<b>HEXAD</b>	<b>OCTAD</b>
We look at the structure of six-ness in two aspects.	We look at the possibilities of the inner structure only



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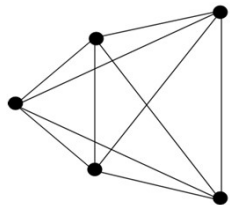
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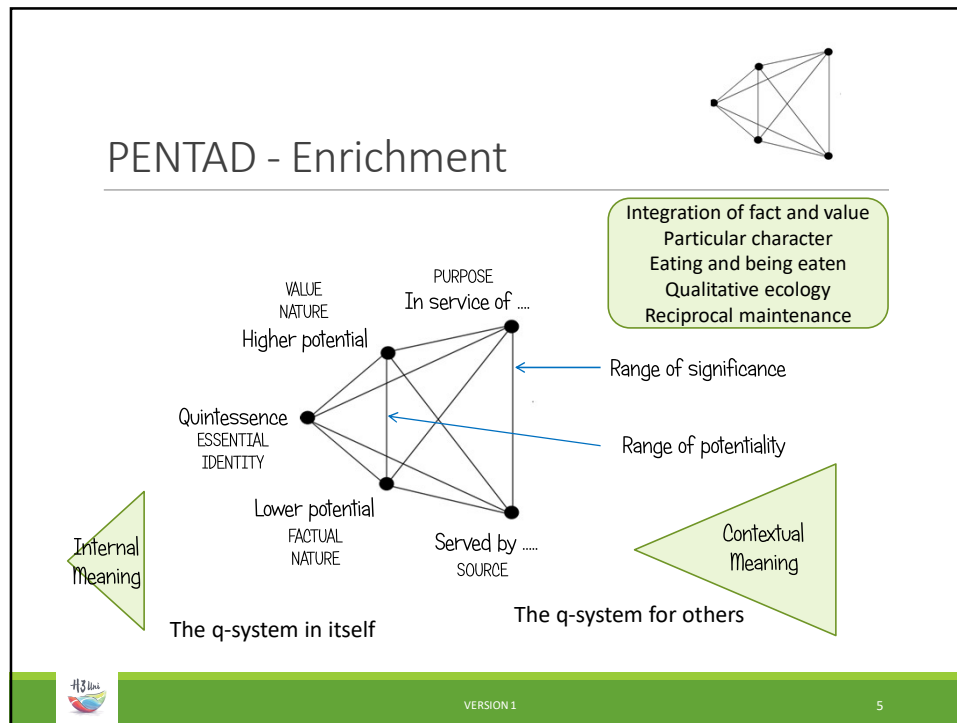
## PENTAD



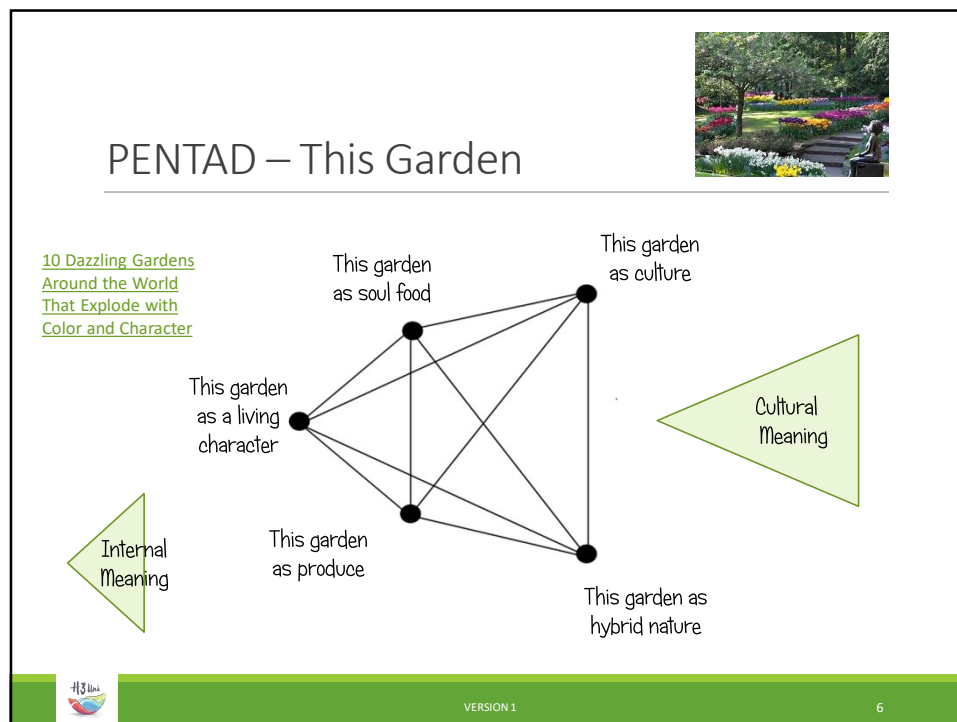
Designation	5-term qualsystem
Quality Attribute	Significance
Nature	Reciprocal Sustainability
Terms	Quintessence Higher potentiality Lower potentiality In service of ..... Served by .....
Connectivities	10 connections



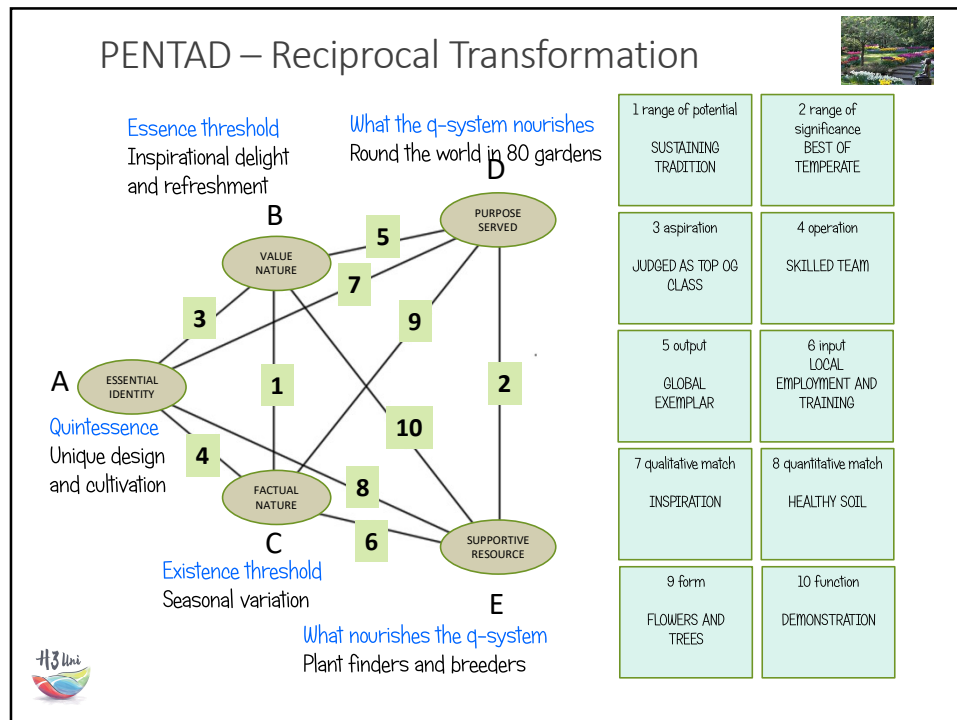
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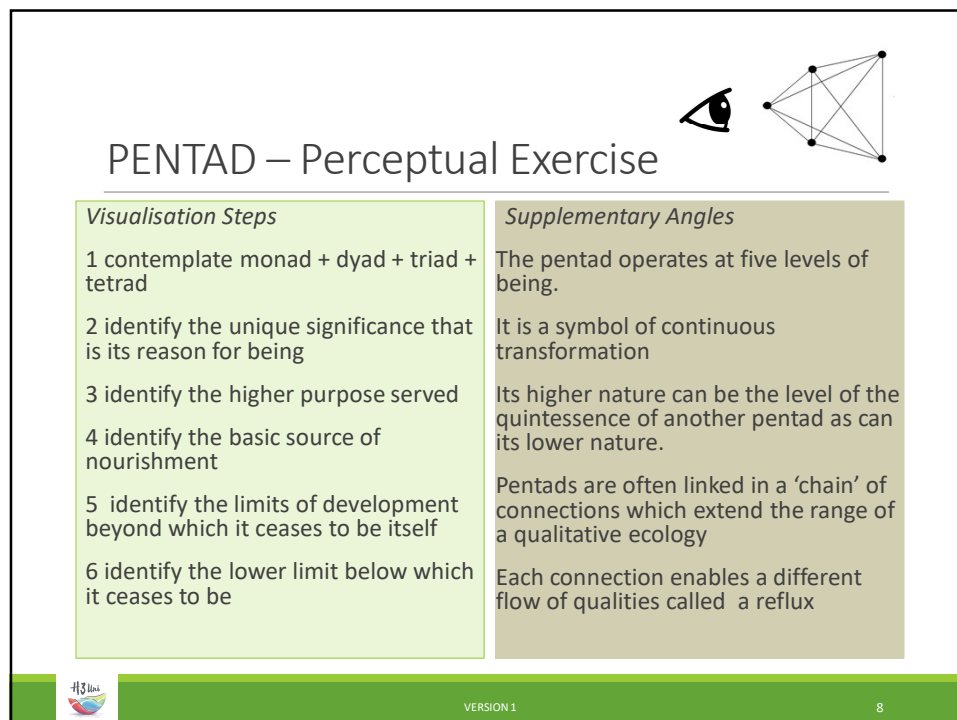
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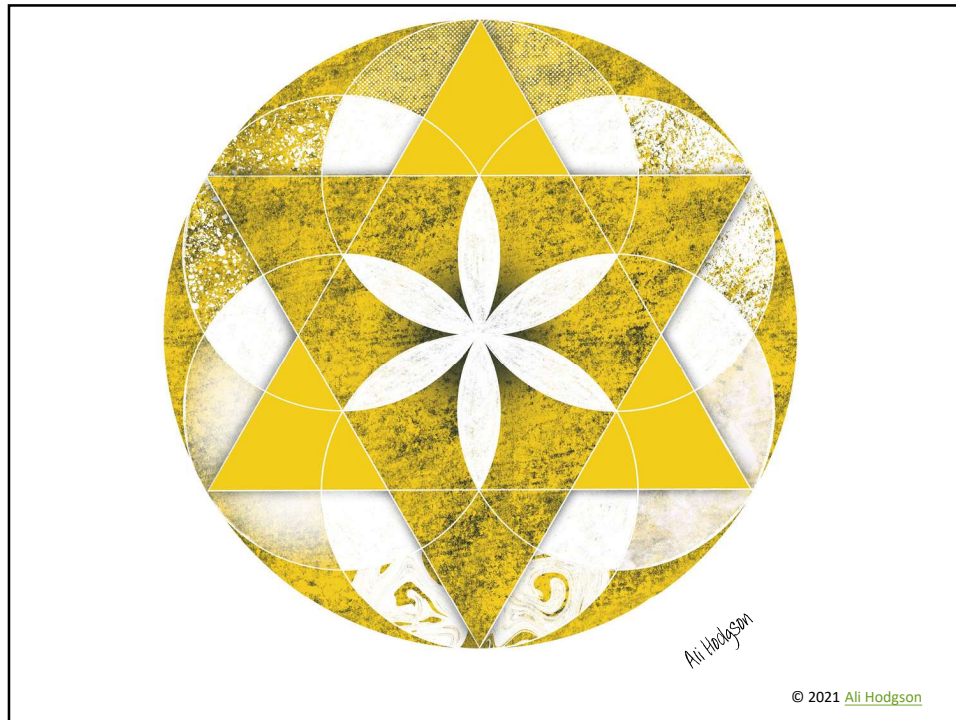
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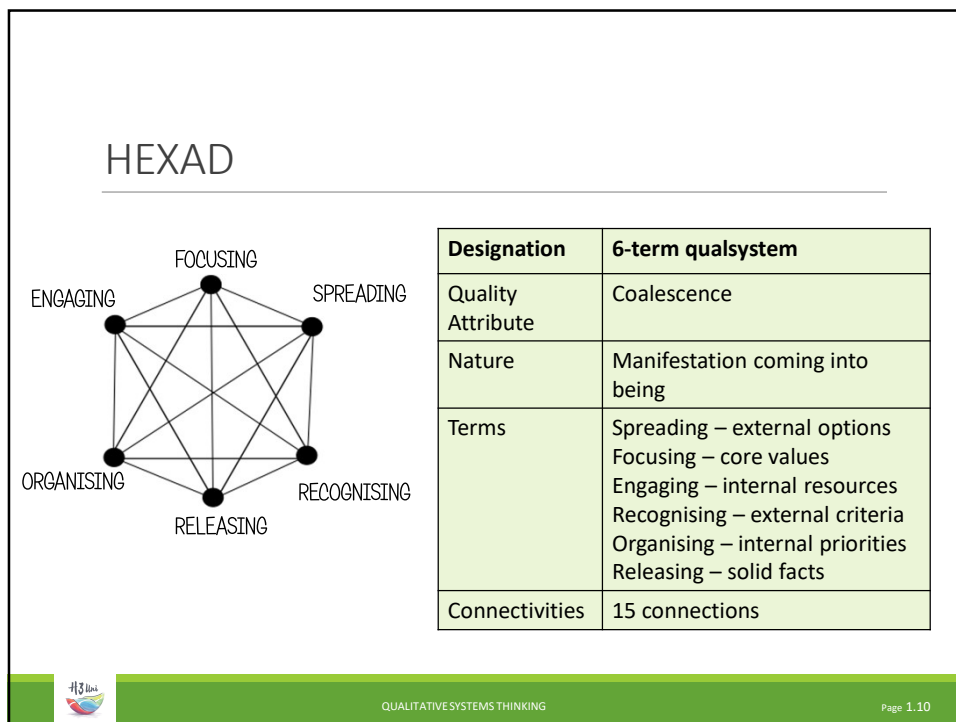
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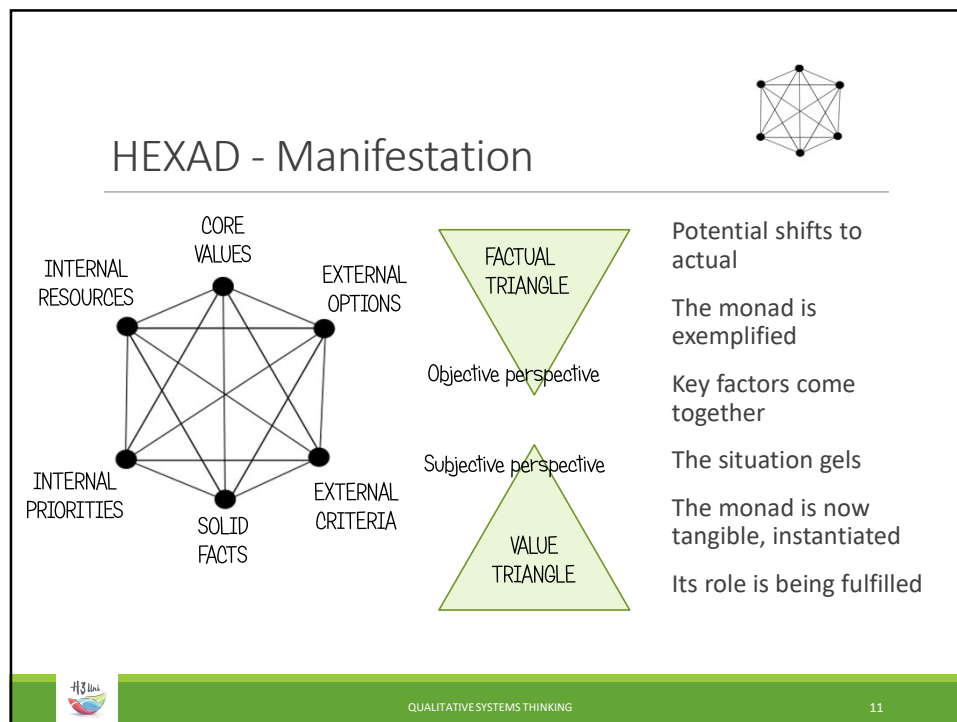
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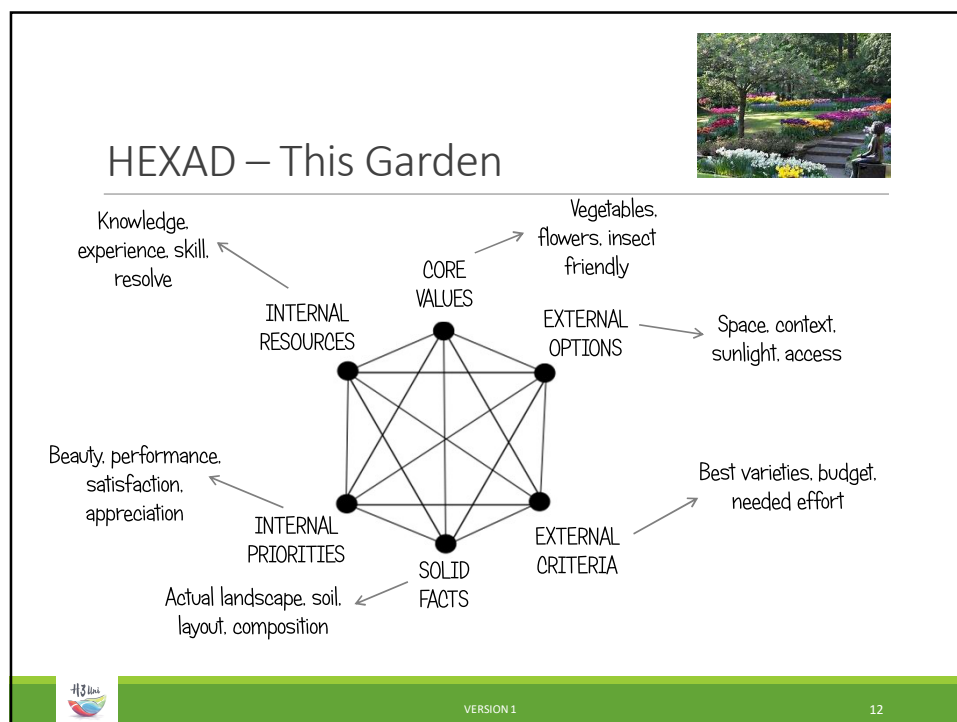
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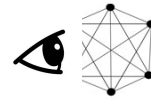


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## HEXAD – Perceptual Exercise



### Visualisation Steps

- 1 contemplate monad + dyad + triad + tetrad + pentad
- 2 identify the unique event that needs to or has already coalesced and manifested
- 3 identify the fact triangle
- 4 identify the value triangle
- 5 intuitively blend the triangles to see that fact and value cannot be dislocated for coalescence
- 6 compare your mental image with the original monad

*Spreading:* is the hexad growing?

*Focusing:* is the hexad consistent with the unity expressed in the monad?

*Engaging:* is the emerging system embedded in its environment?

*Recognising:* is the system getting easier to describe?

*Organising:* is the system holding together?

*Releasing:* are there new aspects not foreseen emerging?



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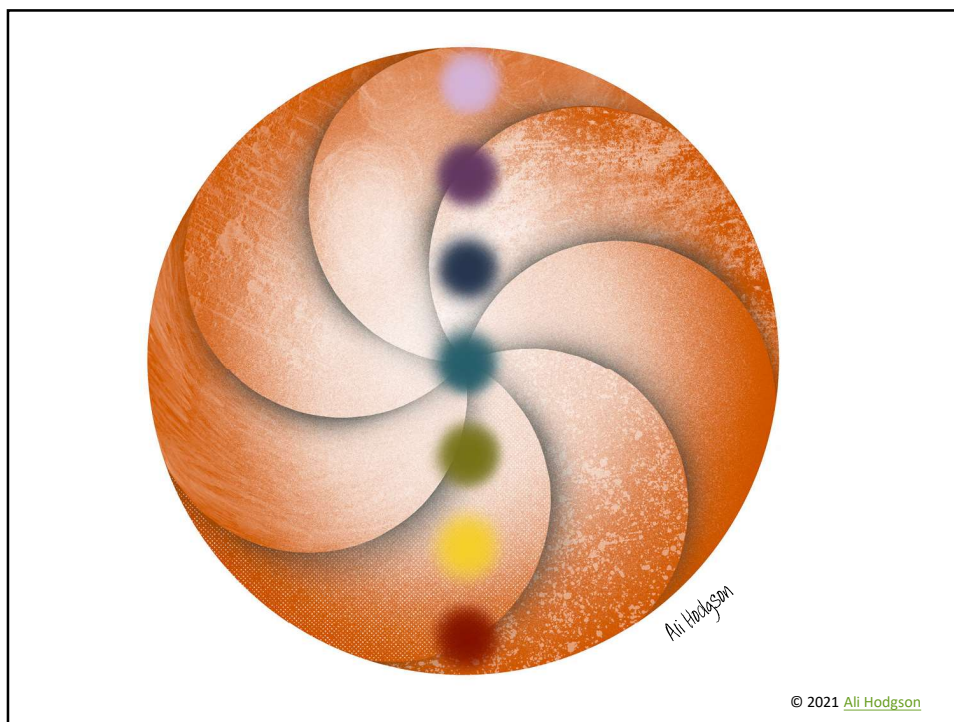
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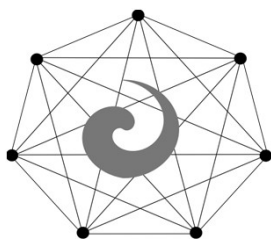
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## HEPTAD




Designation	7-term qualsystem	
Quality Attribute	Generative Power	
Nature	Structure process Structural integrity	
Terms	<div> <i>Structure</i>            1. INSIGHT            2. RESEARCH            3. DESIGN            4. SYNTHESIS            5. APPLICATION            6. DELIVERY            7. VALUE         </div>	<div> <i>Process</i>            Initiation            Involvement            Separation            Harmonisation            Intuition            Flow State            Completion         </div>
Connectivities	21 connections	

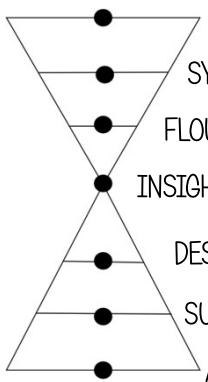


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## Structural Variants – 7 Levels





VALUE

SYNTHESIS

FLOW


INSIGHT

DESIGN

SUBSTANCE

APPLICATION

Narrative	Design	Engineering
Viewpoint	Light	Ask
Plot	Colour	research
Dynamic	Lines	imagine
Characters	Form	Plan
Theme	Texture	Prototype
Symbolism	Pattern	Test
Setting	Space	Improve




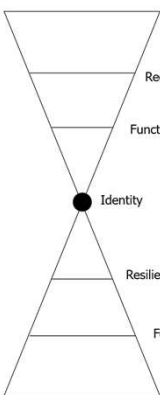
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## HEPTAD – This Garden





Wholeness

Reciprocity

Function

Identity

Resilience

Form

Endurance

This garden is a special case of all gardens

This garden responds to the gardener and vice versa


This garden brings pleasure and produce

This garden has a recognised identity (name)

This garden adapts to the seasons and the weather

This garden is an exemplar of a type

This garden has a history and a future

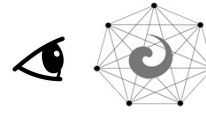


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## HEPTAD – Perceptual Exercise



### Visualisation Steps

- 1 contemplate monad + dyad + triad + tetrad + pentad + hexad
- 2 identify the generative power that is or needs to unfold
- 3 the seven key structural components
- 4 identify the unfolding process in seven stages
- 5 what is central in your emergent structure?
- 6 compare your mental image with the original monad

### Seven Process Stages

- 1 doh**  
Idea; vision; intention; goal
- 2 re**  
Preparation; kick start; planning
- 3 mi**  
Engagement; working out, progressing
- 4 fah**  
Giving shape; confirming plan;
- 5 sol**  
Point of no return; hitting snags
- 6 lah**  
Well on the path; acceleration;
- 7 si**  
Refining; polishing; achieving



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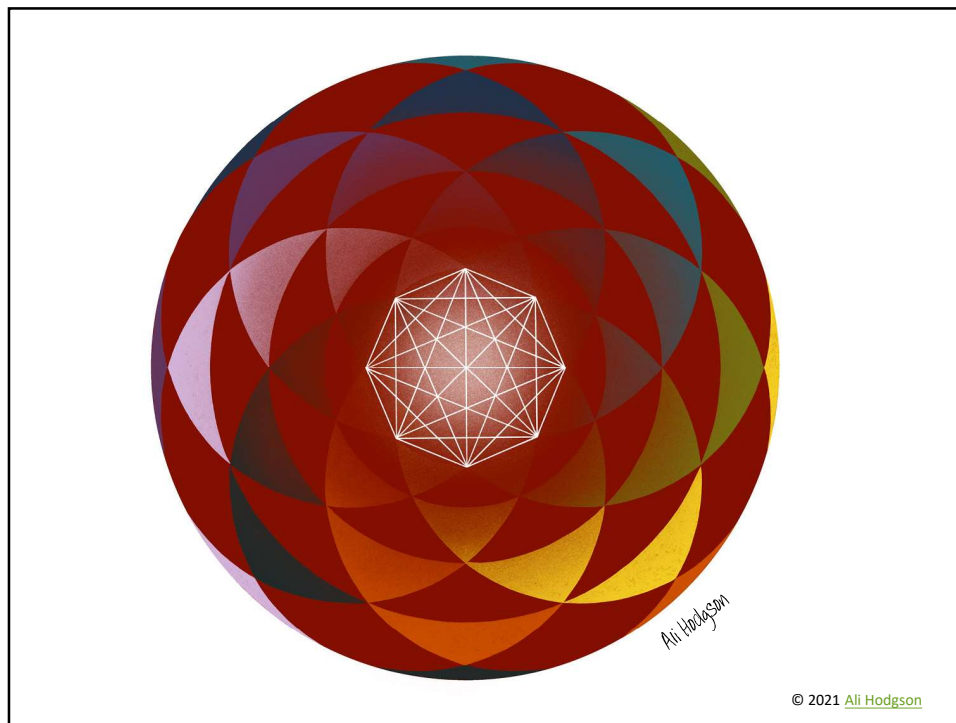
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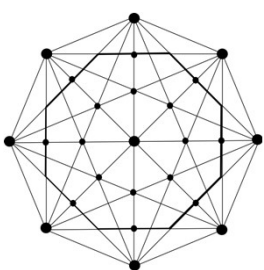
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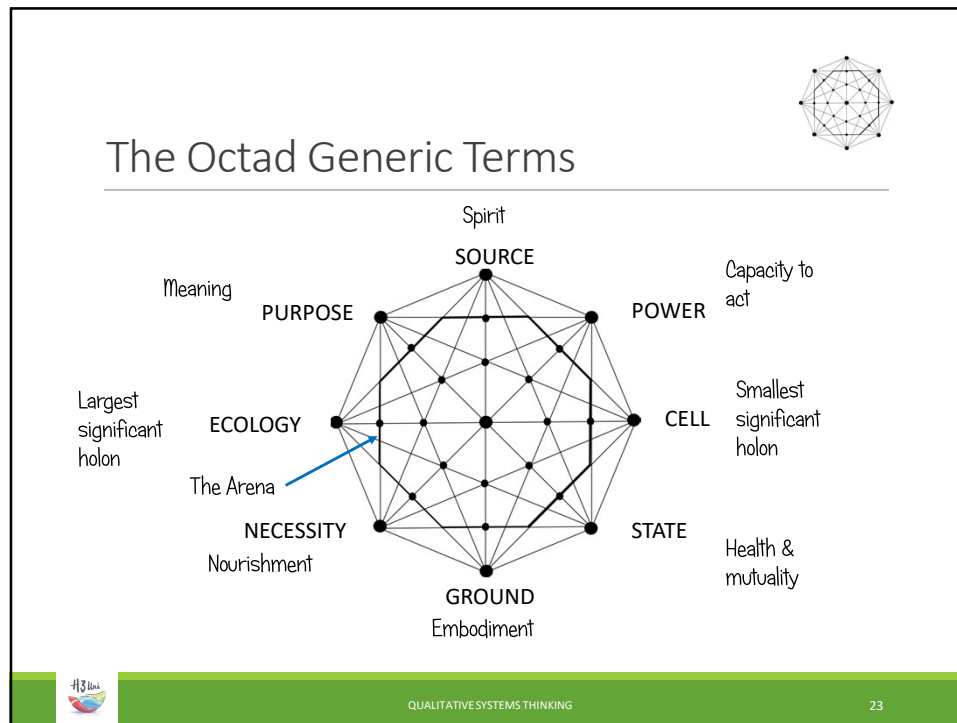
## OCTAD



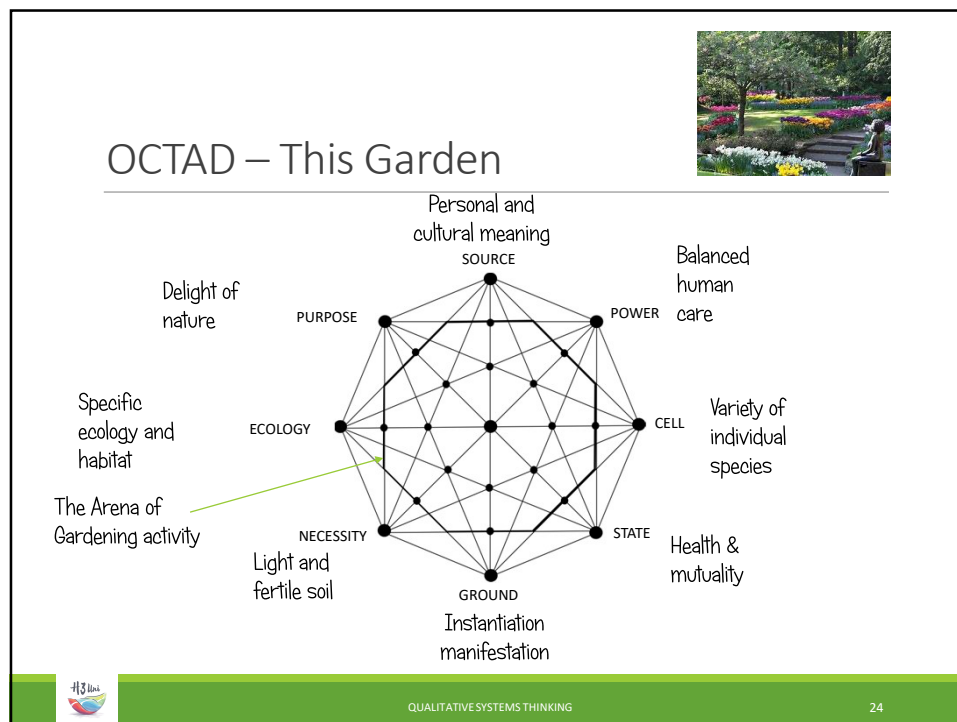
<b>Designation</b>	<b>8-term qualsystem</b>
Quality Attribute	Completedness
Nature	Balance Complete Harmony
Terms	Cell Organism Source Ground Power State Necessity Ideal
Connectivities	28 connections


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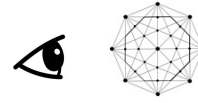


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## OCTAD – Perceptual Exercise

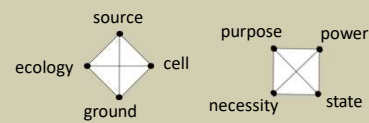


### Visualisation Steps

- 1 contemplate monad + dyad + triad + tetrad + pentad + hexad + heptad
- 2 identify the needed sense of completeness and balance
- 3 identify four containers
- 4 identify the four enablers
- 5 what is the relative weight and balance between the eight terms in this given case
- 6 compare your mental image with the original monad

### The Two Tetrads

Note that in qualsystems it is not valid to add systems together, for example two independent tetrads combined do not make an octad. However, due to the complexity of the higher systems it is valid to interrogate a complex system with subqualsystems that reflect lower order systems providing attention is then brought back to the whole.



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## Summing Up So Far

Qualsystem Name	Systemic Designation	Main Perceptual Attribute	Additional Primary Qualities
PENTAD	5-term	Significance	Internal Potentiality External Potentiality Central meaning
HEXAD	6-term	Coalescence	Manifestation Coming into being Coherence
HEPTAD	7-term	Generation	Structure Process Endurance
OCTAD	8-term	Completedness	Balance Harmony Equanimity



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## References

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Introduction to cymatics analogy.

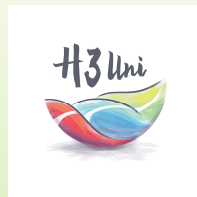
Vibrational frequency can determine patterns of organisation.

Illustrates that numerical complexity can be *intrinsically* generated rather than arithmetically added.

<https://www.youtube.com/watch?v=CsjV1gjBMbQ>



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