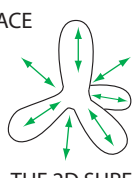


HOLON CONCEPTS

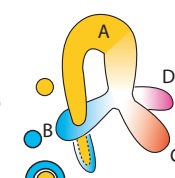
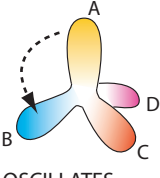
If we want to find a new theory that unifies all aspects of Nature and Spirituality we need to start from a single dynamic background which stays under all circumstances united. Actual science (like Frank Wilczek), but also Ancient knowledge, point out that "vibrations" are the real basics of everything. So everything is like "bells" which exchange vibrations. A single membrane can mediate such vibrations. In this paper I show that infolded parts of such membrane can be structured as bells with clappers, and will exchange vibrations since they are all made from the same membrane. **Thus everything is re-structured membrane (space-time).**

THE TOPOLOGICAL BACKGROUND

non-breakable
3D SPHERE = 2D SURFACE

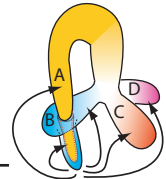


THE 2D SURFACE OSCILLATES

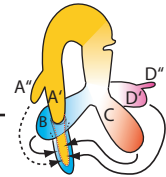


coupling
by pelastration

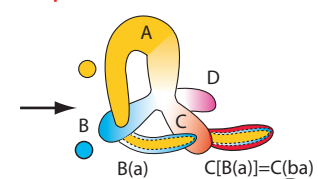
holon



HOLON B(a) AS ACTIVE



HOLON B(a) AS PASSIVE

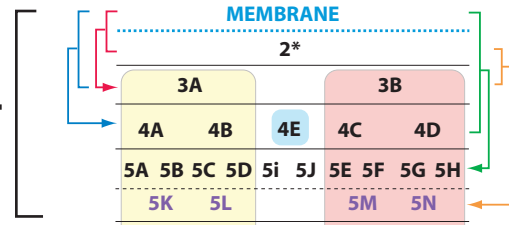


Zillions
of
Theoretical
Combinations
each with
UNIQUE STRUCTURE

THIS OSCILLATING SURFACE REPRESENTS

- NEUTRAL ENERGY
- A FUNDAMENTAL PRINCIPLE (i.e. Motion)
- A STARTING SET to create SUB-SETS

Possible combinations: Catalan Numbers (1, 2, 5, 14, ...)



22 unique holons
with unique
LAYERING
STRUCTURE

Next possible holons per additional Catalan level
are: 132, 429, 1430, 4862, 16796, 58786, 208012,
742900, 674440, 9694845, 35357670, 129644790,
477638700, 1767263190, etc.

Each holon has
unique
IN-STRUCTURE
= IN-FORMATION
= INFORMATION



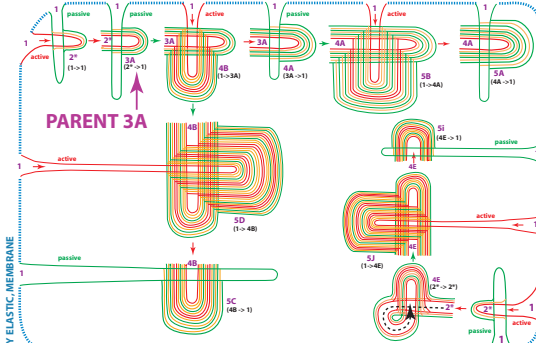
each bell has a proper sound by it's structure

Dynamic systems
of Growth and Decay
(pelastrations and de-pelastation)

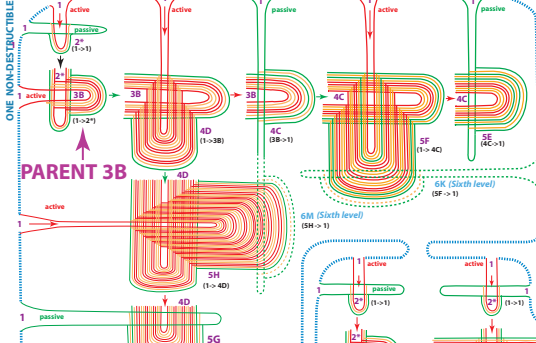
IF structure changes = information changes

- IF parent structure(s) changes = holon information changes
- IF internal structure(s) changes = holon information changes
- IF holons contact (handshake/exchange energy) = holon structures change and both holon information changes

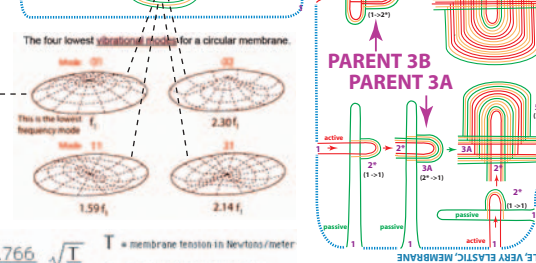
ONE NON-BREAKABLE, VERY ELASTIC, MEMBRANE CREATES LOCALLY HOLON



ONE NON-BREAKABLE, VERY ELASTIC, MEMBRANE

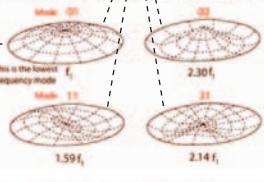


ONE NON-BREAKABLE, VERY ELASTIC, MEMBRANE



ONE NON-BREAKABLE, VERY ELASTIC, MEMBRANE

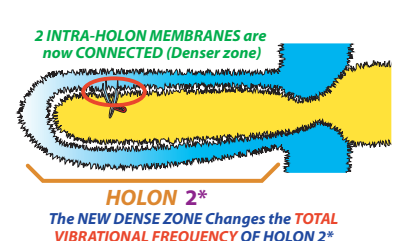
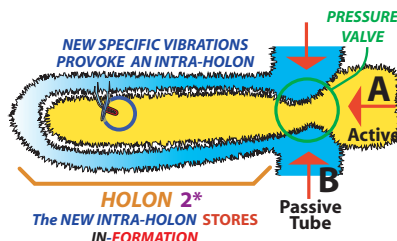
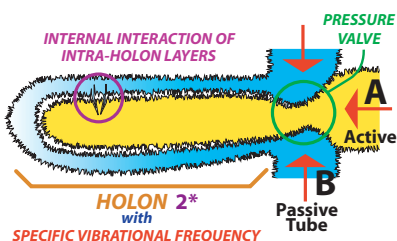
The four lowest vibrational modes for a circular membrane.



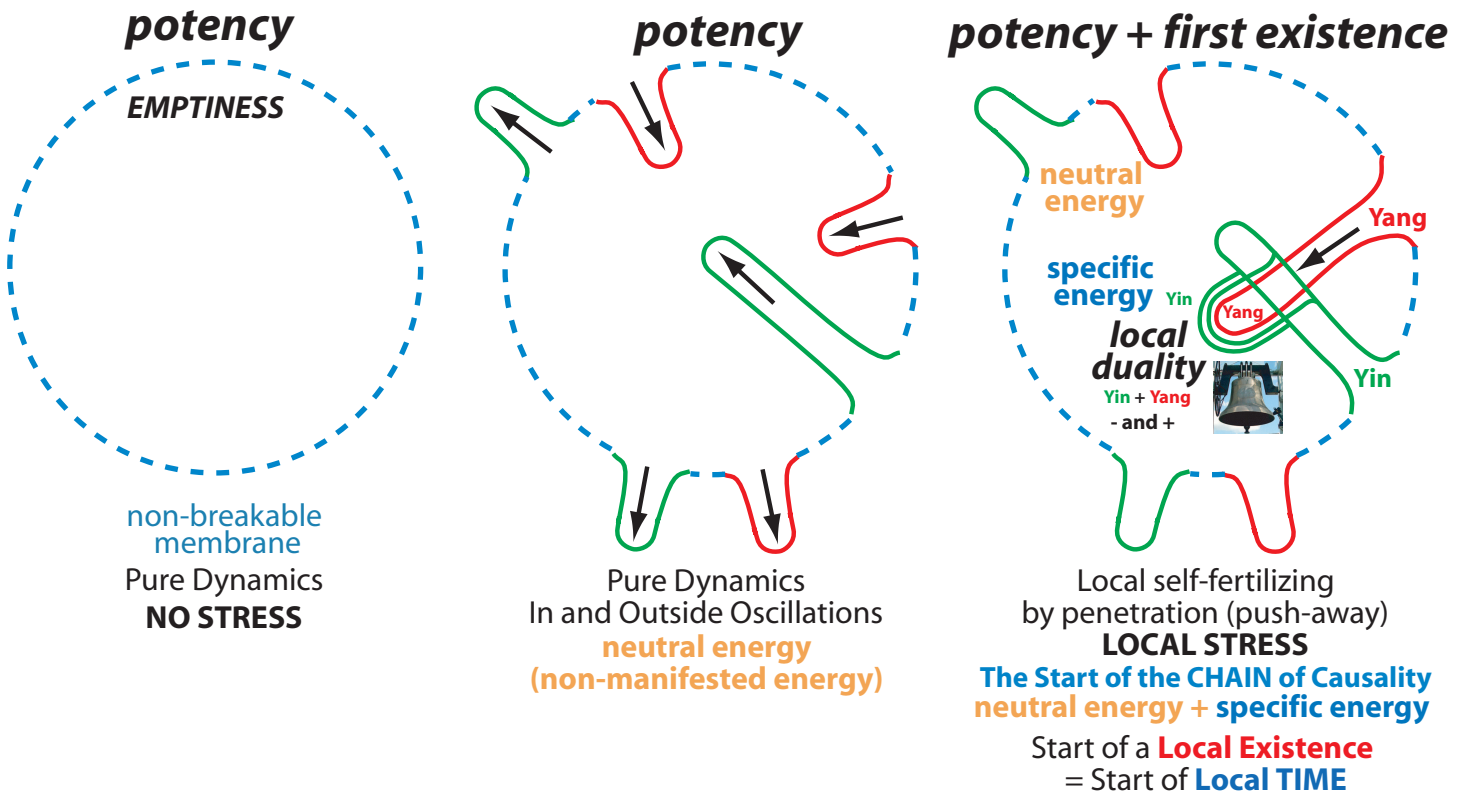
$$f_1 = \frac{0.766}{D} \sqrt{\frac{T}{\sigma}}$$

T = membrane tension in Newtons/meter
σ = density in kg per square meter
D = diameter of membrane in meters

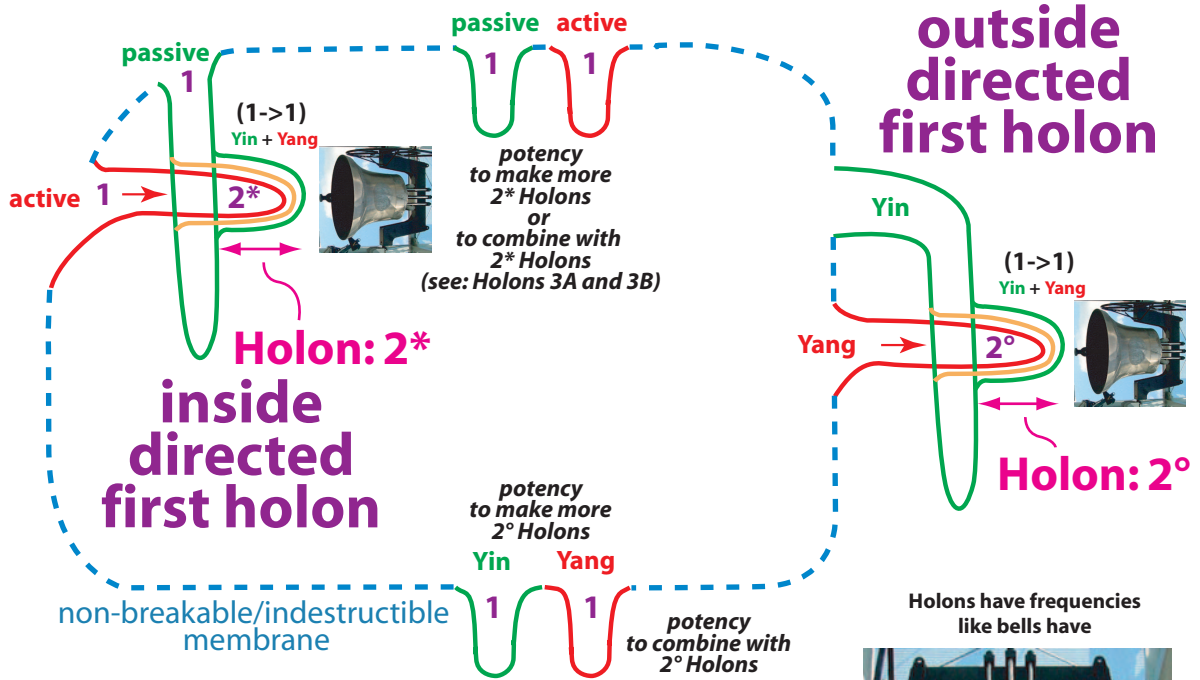
DYNAMICS INSIDE HOLON CREATES INTRA-HOLON (SUB-SETS)



The Tathagata Womb or the Spacetime Womb



This brings two possible **FIRST** holon types (baskets)

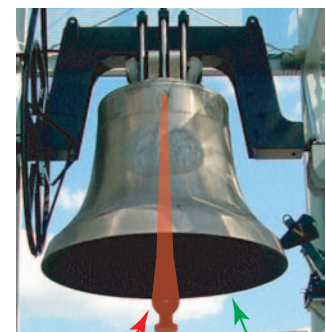


2* and 2° can communicate (exchange vibrations) over the membrane because they are made of the same membrane

These two basic holon types show how the Tathagata Womb (the Membrane) can locally restructure in a "stress" co-existence. The rest of the membrane keeps its dynamic potency. These baskets of coexistence (holons) have a central yang part (active) and a yin part (passive: the surrounding cover).

A holon has layers (also called sheaths, covers, **koshas** or **vijnanas**) of the membrane joined together which make a basic "structure". "Appearance" is on the outside of the holon.

Holons have frequencies like bells have



Buddha: "Very good, Anuradha. Very good. Both formerly and now, it is only stress that I describe, and the cessation of stress."