

Back to where I started
Cross a standing wave to write down a node
When silence attempts to speak
Where my sight greet to opposite the light
The Indeterminacy of writing occurs

To write is to memorize. Entangled awareness once
fused.
When I retrieve the memory, I am looking through the
time lenses so aimed, each aligned node transmits the
waves of life.

Becoming of Being (ontology)

At first, electrons and positrons moving freely, then they meet each other and interact on vertex. electron absorb or emit light (photon). Two electrons can also exchange energy in the form of waves, and after transferring momentum, the electrons may repel each other and go farther away, or they may attract each other and go closer together.

(Recall)

The first time we knew that electron have antiparticle was from the Dirac Sea¹. In quantum field theory, the zero-energy state of quantum vacuum is not “0”. Conversely, the emptiness is full filled, with the negative energy, the fluctuations appear as virtual particles, which are always created in particle-antiparticle pairs. Since they are created spontaneously without source of energy, the particles annihilate each other within a time determined by the uncertainty principle². $\Delta E \Delta t \geq \frac{1}{2} \hbar$

Everything becomes from nothingness ((“0”))

Suppose that I am an electron, what will happen if I meet the corresponding positron?

¹ infinite sea of negative-energy particles filling the vacuum of space

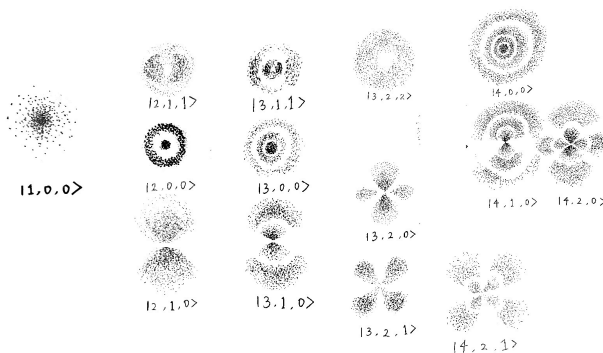
² the measurement of certain pairs of properties

The beginning of every moment, initialize a new world, emptiness is a liberating insight of all things have no inherent existence or a permanent definition, as everything is interconnected and constantly changing, realizing emptiness through intuition. Therefore, liberates the world beyond appearance with mind free. Relatively, the alternating space intersects, and the attention is stay in the momentary calmness, achieving a state of complete awakening without thought, the potential of empty heart that always give and is filled with the love it given.

The senses are the entrances to the world like light beams receive the flowing dust. Each senses channeling the light, continuous connection emerged the spectral realm. Our perception converts external energy into neural impulses, like roots reach the presence of aware lake that is always silence till fluctuate. Enter the world and world is entered, as two mirrors facing each other. What I perceived becomes a part of me, and I realize everything in its origin entity. Watchfulness of the present is an infinite path, all eyes open converge to the visible world, and eyes close to see every inner realms.

Where does the universe begin?³ Space began to expand and cooling at the beginning of time. Darkness spreads until light can pass through the space.

The first element - hydrogen atom has only one electron moves around the nucleus. The possibility of one electron occurring, forming the electron cloud distribution in space.



[fig. 1 Hydrogen wave function $|(n), (l), (m)\rangle$]

One electron moves around the nucleus, quantum number (n) represent the orbits. As the principal

³ universe began 13.7 billion years ago in an immensely hot dense · smaller than a single atom in big bang
 In about the first billion of a second, there were elementary particles such as quarks and leptons
 The afterglow of the big bang is the oldest light we can observe in the cosmic radiation background

quantum number increases, the range of orbital domains becomes larger and the outer electrons of the atom will be at higher energy levels and less bound by the nucleus.

At the same time, when an electron orbits around a nucleus, it also has angular momentum, the azimuthal quantum number of the electron determines the radiation shape of the electron cloud.

($l=0$, electron cloud is spherically symmetrical;

$l=1$, electron cloud is dumbbell-shaped;

$l=2$, electron cloud is quadrupole petal)

The electron rotation is equivalent to a circular current, it generates a magnetic field, which will have a different orientation in the action of the magnetic field.

Every time I think of the sun, the sun is fusing hydrogen atoms in its core at this moment, as if the first element was born in the primordial. Protons collide freely and fly apart, one of the protons eventually decays to a neutron in the collision and bonds with another in the nucleus and is stabilized. Electrons are attracted and move freely around the nucleus.



In the core of the sun, hydrogen atoms in close proximity to the sun's fiery core and extreme gravity,

overcome the electrical repulsion and nuclei barrier, breakthrough become a new element — helium. The fusion release large amount of energy, photons emitting from the core as sunlight. The radiation outward counteracts the gravitational force collapse the sun inward, this balance between gravity and pressure allow the sun to reach a stable equilibrium, where it remains for billions of years.

Life is constantly entwined with the unseen spectrum of electromagnetic waves... Since the age of telecommunication, we have lived with radio, mobile phones and Wi-Fi internet, bluetooth, microwave and remote controls, telescope and satellites, data streams are continuously transmitted and received in various directions on an ever-growing scale on Earth. Swiftly enveloping the world, captures and reflects the universe. Besides the sunlight and lightning, the electrical signals that encode human consciousness flickering and streaming through the environment, like the spontaneous light of fish in the deep sea. The Anthropocene illuminates the darkness and roaming through the solar networks.

'Who are we?'

'Who am I?'

When this awareness awakens, we are being this answer itself.

One ripple is the ocean. One ray of light is the sun.

The awakening of one awareness is the free will of all.

A point moves up and down creating a standing
wave,

When wave moves, it becomes traveling wave ~
transmitting energy ~

There are only my footsteps bind me to the path, one
step over the deepest rift

Crouch at the bottom of a rose-sonic valley

Hollowing out the fresh soil

Hand-in-hand tainted with light taken away by the Sun

Open hands and all is held

'Virtual particles are not in the void but of the void. They are on the razor edge of non/ being. The void is a lively tension, a desiring orientation toward being/becoming. The vacuum is flush with yearning, bursting with innumerable imaginings of what could be.A jubilation of emptiness.'

- Karen Barad <*What Is the Measure of Nothingness? Infinity, Virtuality, Justice*>

于因果生灭的依他起性

由于空去遍计所执而显的真实性，即圆成实性
圆成实性不空，由于因空所显，所以也称为空性
等说一切法性空，这是不了义的

emptiness

insight

realize everything through intuition (觉)

liberate beyond the appearance with a mind free

fruitful emptiness

无量 可约量化

空与有，是相成而不是相破的

世出世间一切法，都是缘起有的，即相依相待而存在的
凡是因待而有的，既是无自性的 (*self*) 无自性所以是空的

空，所以是缘起有的
一切的一切，如幻如化
幻化，也不都无所有，龟毛兔角才是无的
幻化是绝无自性而宛然现的
幻相法尔，虽空而可闻可见
所以一切是相待的假名有，即一切是绝待的毕竟空

Enlightenment

摘自 中观 唯识

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