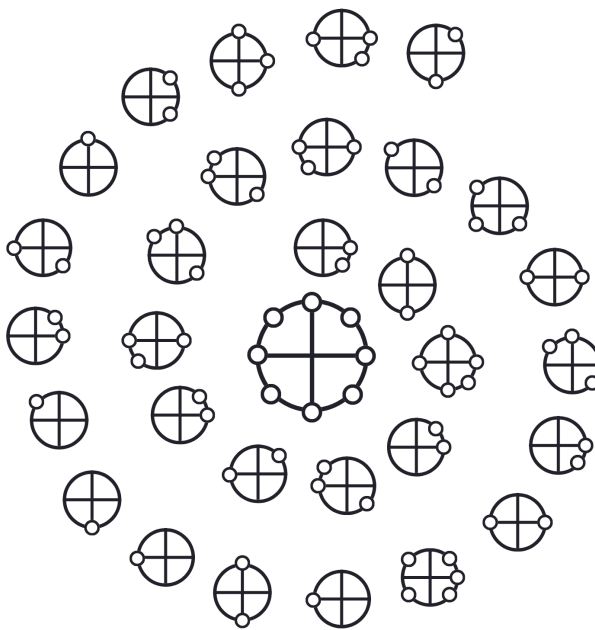


KATAKAMUNA VERSE ANALYSIS · VOL. 13

The Formation of the Atom: From the Action of KU HI to the Emergence of Atomic Structure

A Structural Reading of Katakamuna Verse 13

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SUHI CHINI TSUNU KUHI IMO IKU KUHI
OHO TONOCHI IMO OHO TONOHE
OMO TARU IMO AYA KASHI KONE
ISA NAMI ISA NAKI TOYO KAFU SHINU
UKI FUNU MAKI HAKO KUNI

Acoustic Protocol (Romanized)

Soo-Hee · Chee-Nee · Tsou-Noo · Koo-Hee · Ee-Moh · Ee-Koo · Koo-Hee

Oh-Hoh · Toh-Noh-Chee · Ee-Moh · Oh-Hoh · Toh-Noh-Heh

Oh-Moh · Tah-Roo · Ee-Moh · Ah-Yah · Kah-Shee · Koh-Neh

Ee-Sah · Nah-Mee · Ee-Sah · Nah-Kee · Toh-Yoh · Kah-Foo · Shee-Noo

Oo-Kee · Foo-Noo · Mah-Kah · Hah-Koh · Koo-Nee

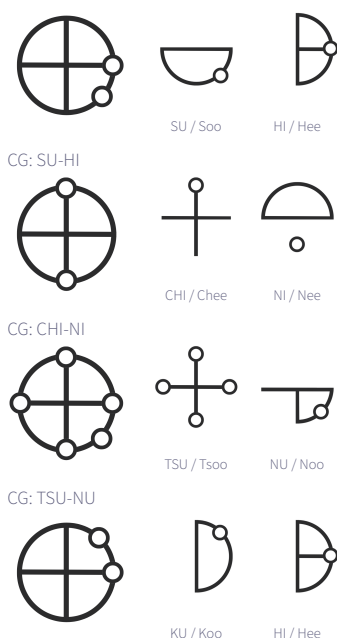
ABSTRACT

Katakamuna Verse 13 is read here as a structural account of the process from the action of KU HI to the formation of the atom. The root force advances dynamically (SU HI · CHI NI), and through the action of KU HI — which clings to phenomena like seaweed, fixing and confirming their existence — mass arises (O MO TA RU · I MO). Wave-like nature and particle-like nature then emerge (I SA NA MI · I SA NA KI), followed by the quadriphasic action of TO YO, the electron shell (KA FU SHI NU), and the existence of matter in cosmic space (U KI FU NU). The Verse closes with the formation of the atom as a unified, self-contained structure (MA KA · HA KO · KU NI). A key structural suggestion of this reading: mass arises first, and wave-like and particle-like nature follow as its consequence — a proposed direction of causality that addresses one of the unresolved questions of modern physics. This reading is a structural interpretive attempt, offered as suggestion to future investigators.

INTRODUCTION: FROM THE ROOT FORCE TO THE ATOM

KV-12 described the generation of electric and magnetic quanta in the materialisation process from ISR to VPR. KV-13 extends this further: from the action of KU HI — a root force that clings to phenomena and confirms their existence — through the generation of mass, the emergence of wave-like and particle-like nature, and the formation of the electron shell, to the atom as a unified, self-contained structure.

Modern physics describes the Higgs mechanism as the process by which elementary particles acquire mass through their interaction with the Higgs field, which permeates all of space and exerts a resistance — described variously as molasses-like or clinging — on particles moving through it. Why the mass of each elementary particle differs from the others, and why mass-bearing particles simultaneously possess wave-like and particle-like nature, remain unresolved questions. This reading proposes structural suggestions toward both.

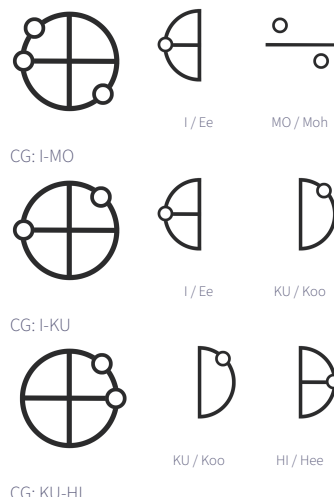
PHASE 1: SU HI CHI NI TSU NU KU HI THE ADVANCE OF THE ROOT FORCE

CG: KU-HI
SU HI: SU — advancing, proceeding; HI — Numeral 1, the dynamic force that transitions and develops through 1 → 2 → 3 → 4 → 5. The root numeral one advancing dynamically and developing.

CHI NI: CHI — persisting, sustained; NI — settling into the phenomenal world. The root force eventually settling persistently into the phenomenal world.

TSU NU: TSU — all individual, particle-like things (the geometrical character places small circles at the odd-numeral positions: all particle-like); NU — an invisible force acts upon them. An invisible force acts upon all phenomena.

KU HI: KU — free, unrestricted; HI — here carrying the stronger meaning of KA TA KA MU NA's KA: the root source. The freely acting root force — KU HI. This action corresponds structurally to the description of the Higgs field as a field that permeates all of space and clings to particles, slowing them and giving them mass. This is offered as structural suggestion.

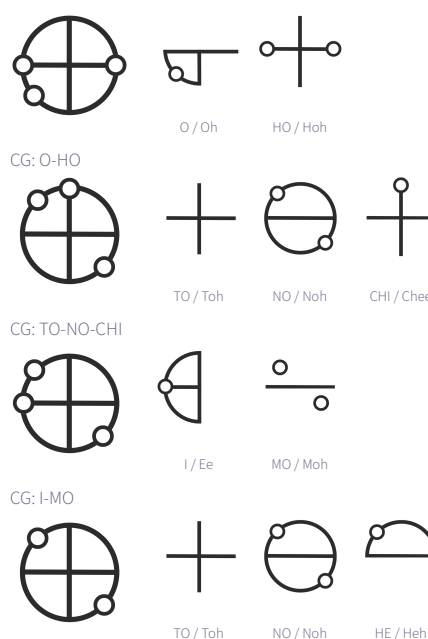
PHASE 2: I MO I KU KU HI CLINGING AND CONFIRMING EXISTENCE

I MO: I — the phenomenon; MO — clinging like seaweed (mo,). The force clings to the phenomenon like seaweed.

I KU: I — the phenomenon; KU — is made to live, is confirmed in existence (iku,). By being clung to and fixed, the phenomenon is confirmed in existence — its presence becomes definite.

KU HI: this action is KU HI itself.

The thought-image of mo (seaweed,) — clinging, wrapping, holding — is the central image of this Phase. The modern Japanese word imo (, potato) — a rounded body wrapped in the earth, held within it — carries a structural resonance with this reading. The action of KU HI clinging to phenomena and confirming their existence corresponds structurally to the description of the Higgs field as clinging to particles and giving them their mass.

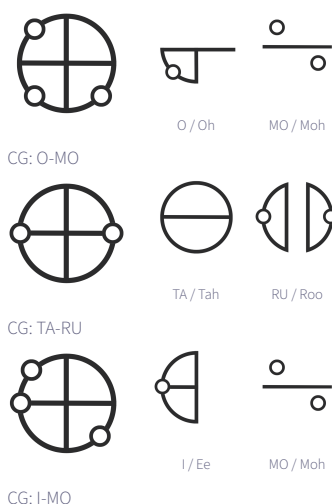
PHASE 3: O HO TO NO CHI I MO O HO TO NO HE DIRECTION AND PERSISTENCE

CG: TO-NO-HE
O HO · TO NO CHI: O — spreading across the six-directional field; HO — the environment of positive-negative affinity. In this environment, TO (the interference of ISR and VPR) produces transition (NO) and persistence (CHI).

I MO · O HO · TO NO HE: the clinging action (I MO) within the six-directional positive-negative affinity environment (O HO) — by the interference of ISR and VPR (TO), the directionality of transition is determined (NO HE).

TO NO CHI (temporal persistence) and TO NO HE (spatial directionality): the interference of ISR and VPR generates both the persistence of the phenomenon through time and the directionality of its development through space.

PHASE 4: O MO TA RU I MO THE GENERATION OF MASS

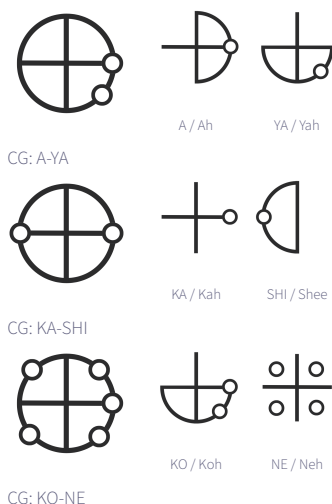


O MO · TA RU: O — in the six-directional field environment; MO — seaweed clinging; TA — into the phenomenal world; RU — having arrived, having appeared. That which has arrived in the phenomenal world with seaweed clinging to it.

I MO: the phenomenon (I) with seaweed (MO) clinging — O MO TA RU: omotaru, heavy-borne. By the clinging action, the quality of heaviness — mass — has been acquired.

This is the generation of mass: I MO as the minimal unit of material formation, bearing weight through the clinging action of KU HI. The modern Japanese omoi (, heavy) and imo (, potato — a rounded body held within the earth) both carry structural resonances with this reading.

PHASE 5: A YA KA SHI KO NE THE ROOT OF THE COSMOS



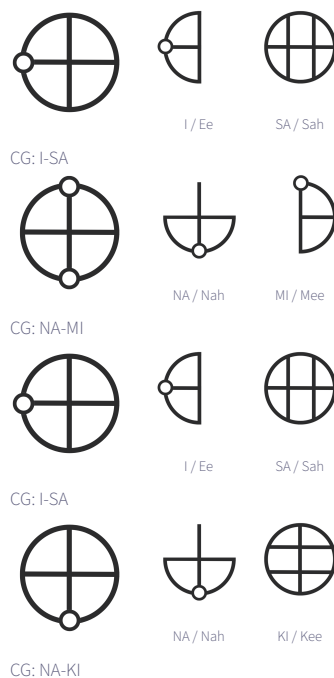
A YA: A — the intermediate component in the transition from KA to HI (numeral 1); YA — extreme, saturation, stability: the critical point of ISR and VPR. A YA surrounds the entire

cosmos.

KA SHI: KA — the root force; SHI — is shown.

KO NE: KO — infinitely repeating; NE — becoming the root, the foundation. Preserved in the modern Japanese ne (, root). A YA corresponds structurally to the description of the Higgs field as a field that pervades all of space — present everywhere in the cosmos.

PHASE 6: I SA NA MI I SA NA KI WAVE-LIKE AND PARTICLE-LIKE NATURE



I SA: I — that which has become the basis of matter through the progression HI → FU → MI → YO → I; SA — the generation of a minute difference. From SA, wave-like nature arises.

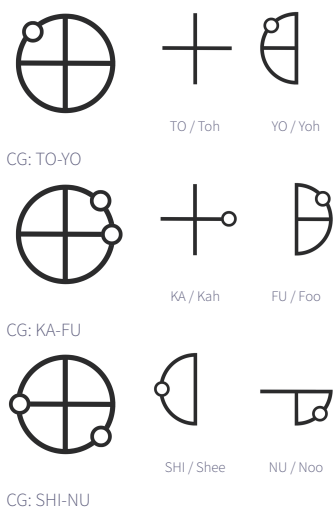
NA MI: NA — repeating, particularising; MI — as realised form. Becoming a wave — wave-like nature. Preserved in the modern Japanese nami (, wave): the direct connection to wave is preserved.

I SA (second occurrence): again, from the minute difference (SA), particle-like nature arises.

NA KI: NA — repeating; KI — arising, generating. Becoming a particle — particle-like nature. Preserved in the modern Japanese nagi (, the stilling of waves — the state of being fixed and settled as a particle).

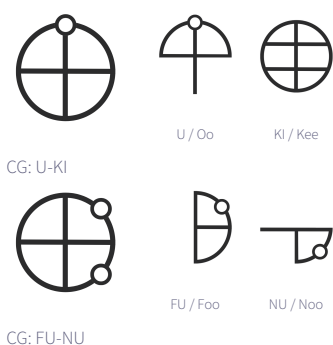
SA — the minute initiating difference established in IVRP-04 as the initiating principle of the Mirror Vortex — appears here as the factor that determines whether wave-like or particle-like nature emerges.

A key structural suggestion: In this reading, the generation of mass (O MO TA RU · I MO) is described before wave-like and particle-like nature (I SA NA MI · I SA NA KI). This ordering proposes a direction of causality: mass arises first, and wave-like and particle-like nature follow as its consequence. Why mass-bearing particles simultaneously possess wave-like and particle-like nature is an unresolved question in modern physics. This reading proposes the generation of mass as the prior condition — a structural suggestion offered to future investigators.

PHASE 7: TO YO KA FU SHI NU QUADRIPHASIC NATURE AND THE ELECTRON SHELL

TO YO: by the crossing and interference of ISR and VPR (TO), Numeral 4 (YO): the quadriphasic nature — particle-like, wave-like, contracting, expanding. This includes the positive and negative of the electron and the positive and negative of the positron: four phases acting abundantly. The modern Japanese toyo (, abundant, rich) carries a structural resonance — the four phases acting in abundance — that is not incidental.

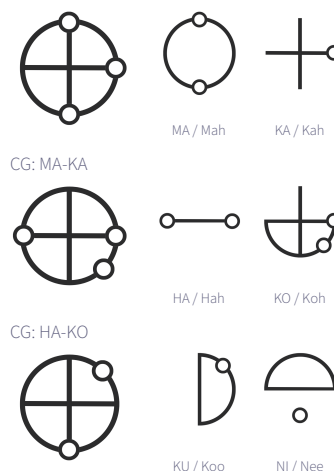
KA FU · SHI NU: KA — the root force; FU — two, positive and negative, yin and yang, left-turning and right-turning. SHI — shown, indicated; NU — but invisible. The two-fold action of the root force is shown but invisible — covering the outer surface. The modern Japanese kaburu (, to be covered, to have something draped over one) connects directly: KA FU SHI NU names the action of covering the outer surface invisibly. From this reading, KA FU SHI NU describes the electrons of the electron shell — covering the nucleus from the outside as an invisible force.

PHASE 8: U KI FU NU EXISTENCE IN COSMIC SPACE

U KI: U — arising from the boundary of ISR and VPR; KI — arising, generating. That which arises from the ISR/VPR boundary. The modern Japanese uki (, floating) connects: the state of remaining in space — not merely floating in gravity or water, but the condition in which elementary particles and atoms formed in cosmic space remain and persist there. In the zero-gravity of cosmic space, matter does not fall: it remains where it is. U KI names this as the structural condition.

FU NU: FU — two, positive and negative, yin and yang; NU — retaining these as an invisible foundational force. That which arises from the ISR/VPR boundary retains the positive-

negative, yin-yang quality as its invisible foundational property.

PHASE 9: MA KA HA KO KU NI THE FORMATION OF THE ATOM

MA KA: MA — spacetime; KA — the root force as source. By the action of the root force within spacetime.

HA KO: HA — positive-negative counter-generation; KO — Numeral 9, repeating. By repeating positive-negative counter-generation. The modern Japanese hako (, box) — whose primitive meaning suggests a gathered, bounded mass — carries the image of a structured, contained whole.

KU NI: KU — freely, naturally; NI — settling. Settling freely and naturally as a unified whole. The modern Japanese kuni (, country, domain) — whose primitive meaning suggests a single bounded unity — carries the image of a self-contained whole.

HA KO KU NI: through the repeated positive-negative counter-generation (HA KO), settling freely and naturally as a unified whole (KU NI) — the proton, neutron, and electron combined into the atom. By the action of the root force within spacetime (MA KA), positive-negative counter-generation repeats (HA KO) and naturally settles as a single bounded unity (KU NI): the atom is formed.

STRUCTURAL OBSERVATIONS

- **From KU HI to the atom: a unified process.** Verse 13 describes a single continuous process from the action of KU HI — which clings to phenomena and confirms their existence — through the generation of mass, wave-like and particle-like nature, quadriphasic action, the electron shell, and cosmic existence, to the formation of the atom. This is a structural account moving from elementary particle physics to atomic physics.
- **KU HI and the Higgs field.** The action of KU HI — clinging like seaweed, fixing and confirming existence — corresponds structurally to the description of the Higgs field as permeating all of space and clinging to particles to give them mass. The thought-image of mo (seaweed) as the vehicle for this correspondence is noted as a structural suggestion.
- **Mass before wave-particle duality: a proposed causality.** In this reading, mass arises (O MO TA RU) before wave-like and particle-like nature are described (I SA NA MI · I SA NA KI). This ordering proposes a direction of causality: mass is the prior condition from which wave-like and

particle-like nature emerge. Why mass-bearing particles simultaneously possess both natures is an unresolved question in modern physics. This reading proposes the generation of mass as the background of that duality.

- **SA as the determining factor.** The minute initiating difference SA — established in IVRP-04 as the initiating principle of the Mirror Vortex — appears here as the factor that determines whether wave-like (NA MI) or particle-like (NA KI) nature emerges. SA as structural determinant across scales.
- **HA KO KU NI as the atom.** The combination of hako (a gathered, bounded mass) and kuni (a single bounded unity) describes the atom as a self-contained, unified structure formed through repeated positive-negative counter-generation. The preservation of these everyday Japanese words as carriers of this structural meaning is among the most direct examples of the Katakamuna-Japanese connection in the Verse series.

CONCLUSION

Katakamuna Verse 13 proposes, through a structural reading of its sonic elements, a continuous process from the action of KU HI to the formation of the atom.

The root force advances dynamically and settles into the phenomenal world (SU HI · CHI NI). KU HI clings to phenomena like seaweed, fixing and confirming their existence (I MO · I KU). Through the interference of ISR and VPR, persistence and directionality are established (O HO · TO NO CHI · TO NO HE). Mass arises as the quality of being borne by the clinging action (O MO TA RU · I MO). The cosmos is surrounded by the critical environment A YA, within which the root force shows itself as the foundational root KO NE. Wave-like nature (I SA NA MI) and particle-like nature (I SA NA KI) then emerge. The quadriphasic action of TO YO operates abundantly; KA FU SHI NU names the invisible two-fold action that covers the outer surface as the electron shell. Matter arising from the ISR/VPR boundary persists in cosmic space (U KI FU NU). And by the action of the root force within spacetime (MA KA), repeated positive-negative counter-generation settles as the atom: HA KO KU NI.

The key structural suggestion of this reading: mass arises first, and wave-like and particle-like nature follow as its consequence. This proposed direction of causality addresses one of the unresolved questions of modern physics and is offered as suggestion to future investigators.

This reading is a structural interpretive attempt. It is offered as suggestion to future investigators.

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