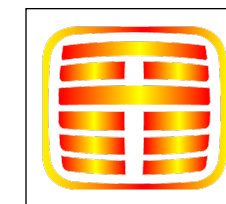


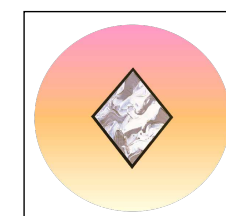
Thesis Committee Chair
Benjamin Jurgensen
*Assistant Professor,
Industrial Design Department*



Thesis Advisor
Mattia Casalegno
*Assistant Professor,
Digital Media Department*



External Advisor
Cory Fisher
*Director of Publications,
Krishnamurti Foundation of America*



Presented in partial fulfillment of the requirements for the degree,
Masters in Industrial Design, in the department of Industrial Design,
from the Rhode Island School of Design.

John Beck

Rhode Island School of Design,
Providence,
Rhode Island,
U.S.A.

2020

Sol

ABSTRACT

Sol. Spirituality for the digital age. A move towards a more cosmic future. A hopeful call to arms for a more inclusive, liberated culture where the impermanence of life can wash over us in a wave of ambient sonic splendor. Using solar energy to create shifting ambient soundscape *Sol* is an immersive, interactive civiv space for all lifeforms of all persuasions. A reintpretation of the Shinto shrine for the digital age. An alliance between codified physical computing, emerging interactive technology and the ancient spiritual traditions of the East. Non demoniotnal, non relgious wholly universal. Where all beings can remember their cosmic core, their common primordial source, where everything is united through the vibrational properties of sound and light. This is the common link. Vibrational force. Sun to light, light to sound and back again. The great circle of vibrational energy. A place where your prescence *creates* the experience. A reminder that we create our own reality. Awarens of this is the great liberator. *Sol* the tool.

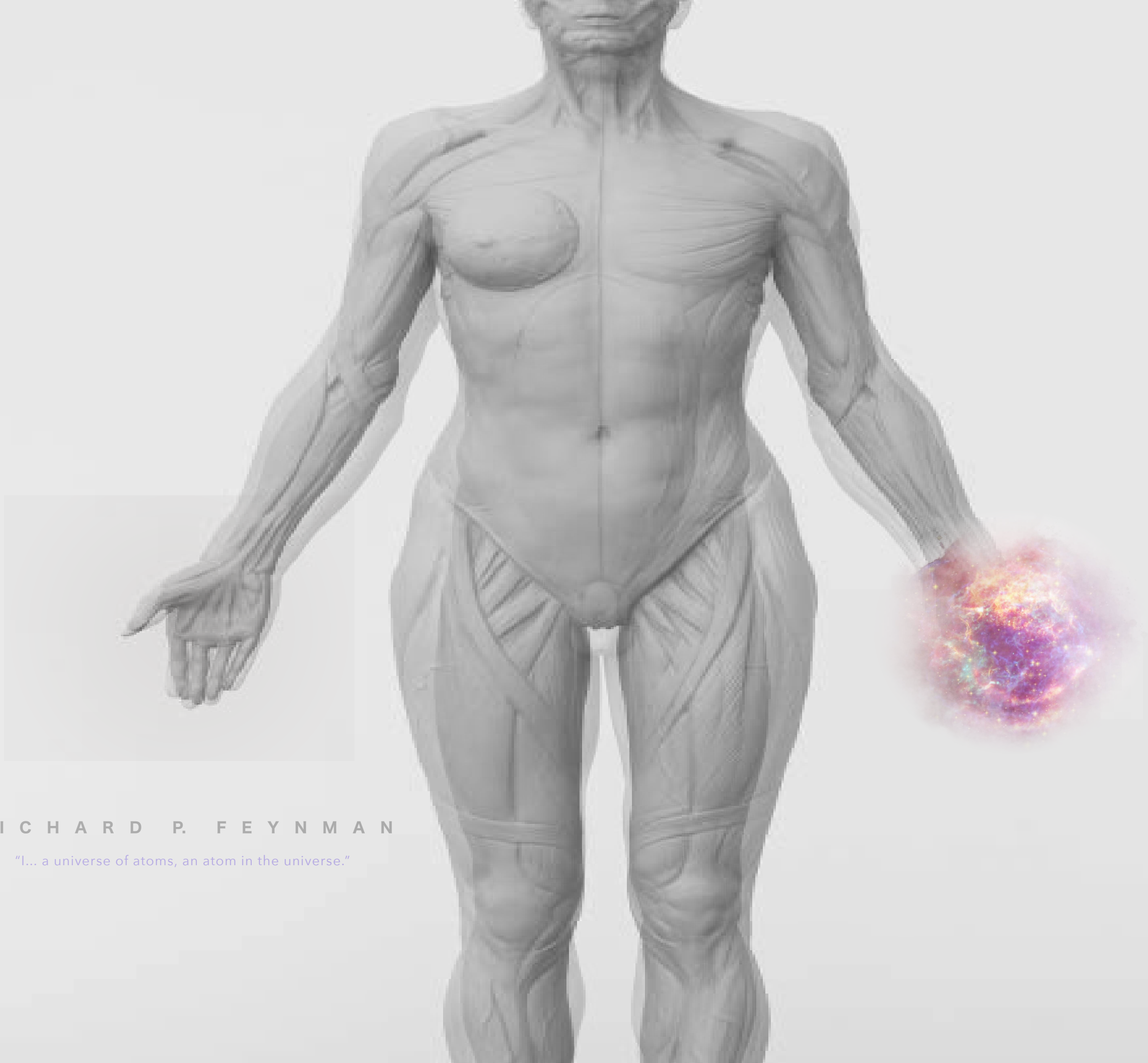
ACKNOWLEDGEMENTS

My family for their constant love, support and acceptance and for allowing me to be “a bit weird.” Mattia Casalegno and Cory Fisher for their time, assitance and continued support throughtout the entire project. For allowing me to talk far too much and for all the laughs and smiles we had. Thank you. Paolo Cardini, “Ferrari”, for allowing me to experience a great mind free from judgement and liberated through unparalleled curiosity, graciousness and honour. Ben Jurgensen for bringing a love of making to the process and keeping me focused, grounded and activated. Solé for her love of life, her life of love and her incredible eye for beauty, detail and words. William Miller for his joyful love of colour, unrelenting opptimism and a source of great leadership for the all those he mentors. To Luke and Alexis my spiritual guides. Thankyou for helping me discover the Universal Passport, no batteries required. To Jean Giraud (Moebius) for the galatic beauty of your stunning cosmic imagination. The entire RISD community for being a great incubator of thought, idea and risk. To all the people of Rhode Island for your pride and decency. And always to my friends and all those I have yet to meet for everything you are. Life would be nothing without your presence. Thank You.

THEORY



PROCESS



R I C H A R D P. F E Y N M A N

"I... a universe of atoms, an atom in the universe."



H A F I Z
I HAVE LEARNED SO MUCH

(TRANSLATION BY DANIEL LADINSKY)

I have learned so much from God

That I can no longer call myself

A Christian, a Hindu, a Muslim a Buddhist, a Jew.

The truth has shared so much of itself with me

That I can no longer call myself



A man, a woman, an angel



Or even pure soul.

Love has befriended Hafiz so completely

It has turned to ash and freed me

Of every concept and image

My mind has ever known.



It seems that most of the work is about trying to change something that is stuck.

Trying to perform, to illustrate to ask, to allow, to collaborate, to celebrate, to study, to push for, to yearn for, to ask for the permission to tell this story.

That is immersive, gooey and down right yummy. Hot button somersaults and digital candy.

But adults can only come from this at a place of reason or logic. A way to unbutton the belt, work from the stomach and see?

What personas can be seen on the other side.

Because it's been 60 years and I thought it was all donuts and caviar.

But children they see the world with fresh eyes free from judgment.

The look on Mia's face when she lit up the world with her leaves. From a pile to the grace of God in one swift swoop.

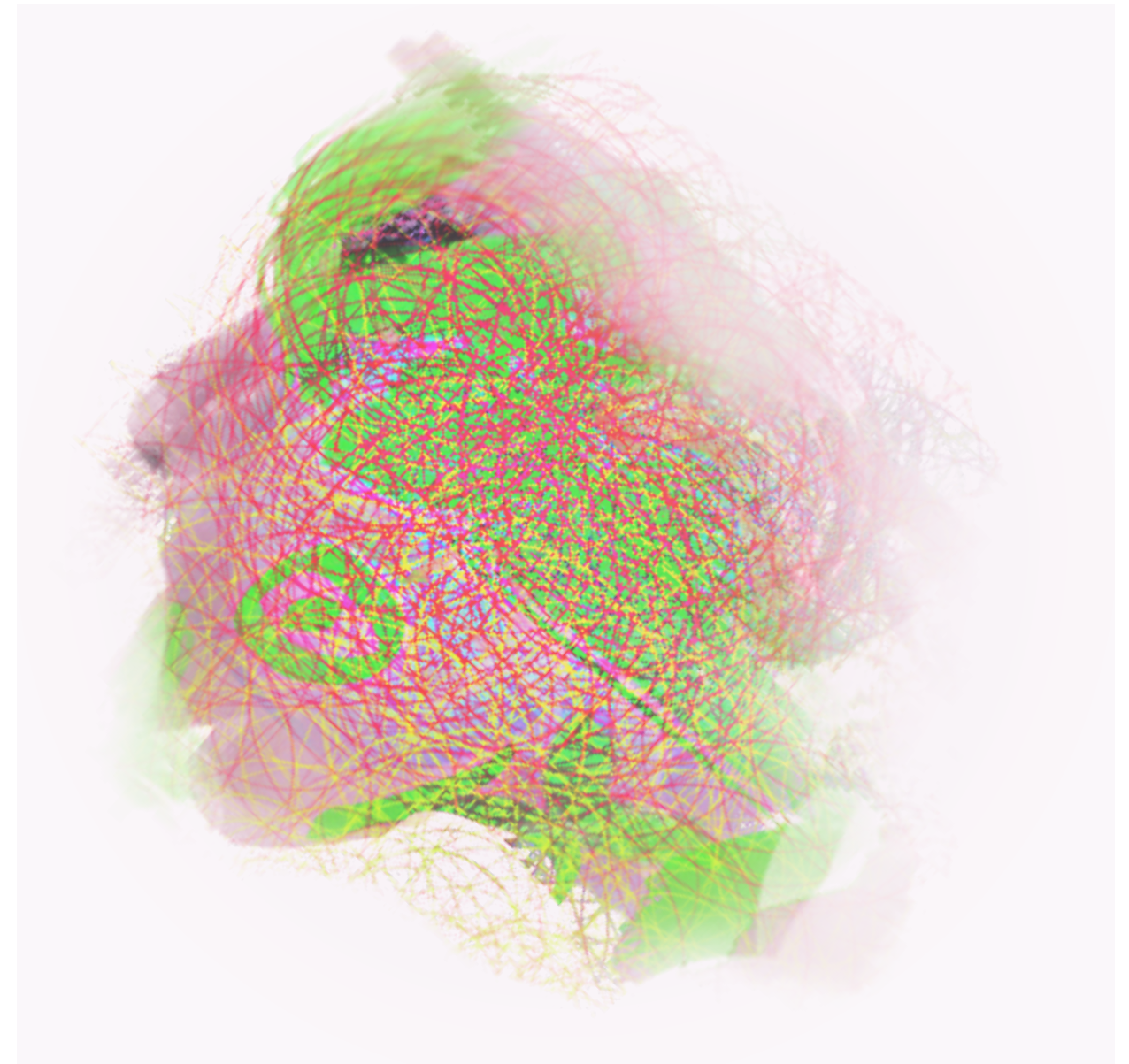
Hands clasped together in a prayer and a clap.

Both at the same time. In one free snap.

She was to celebrate the joy of being , in humble elastic awe. And no one had told her other wise.

And so it goes that what we are is what we have always been.

So what's that?



It's what I wanted to do before.

Up in Laurel Canyon. Where Tess and Mason live.

Where the true soul of the flower child still blooms. Soft light and golden gaze.
Feminine grace too bright too bare. Wizedened with the right age of emotional trauma
and new age thinking. Cause that's it -
it's New Age and we proud of it.

I guess I'll keep going. *It's magic.* The thing I mean.

I am trying to design magic.,

The things on those t shirts I get from eBay.
The one with the doctor calling on the spirits. Thunder wind and rain, the full army.
Bring them in. Cause they came to steal your land.

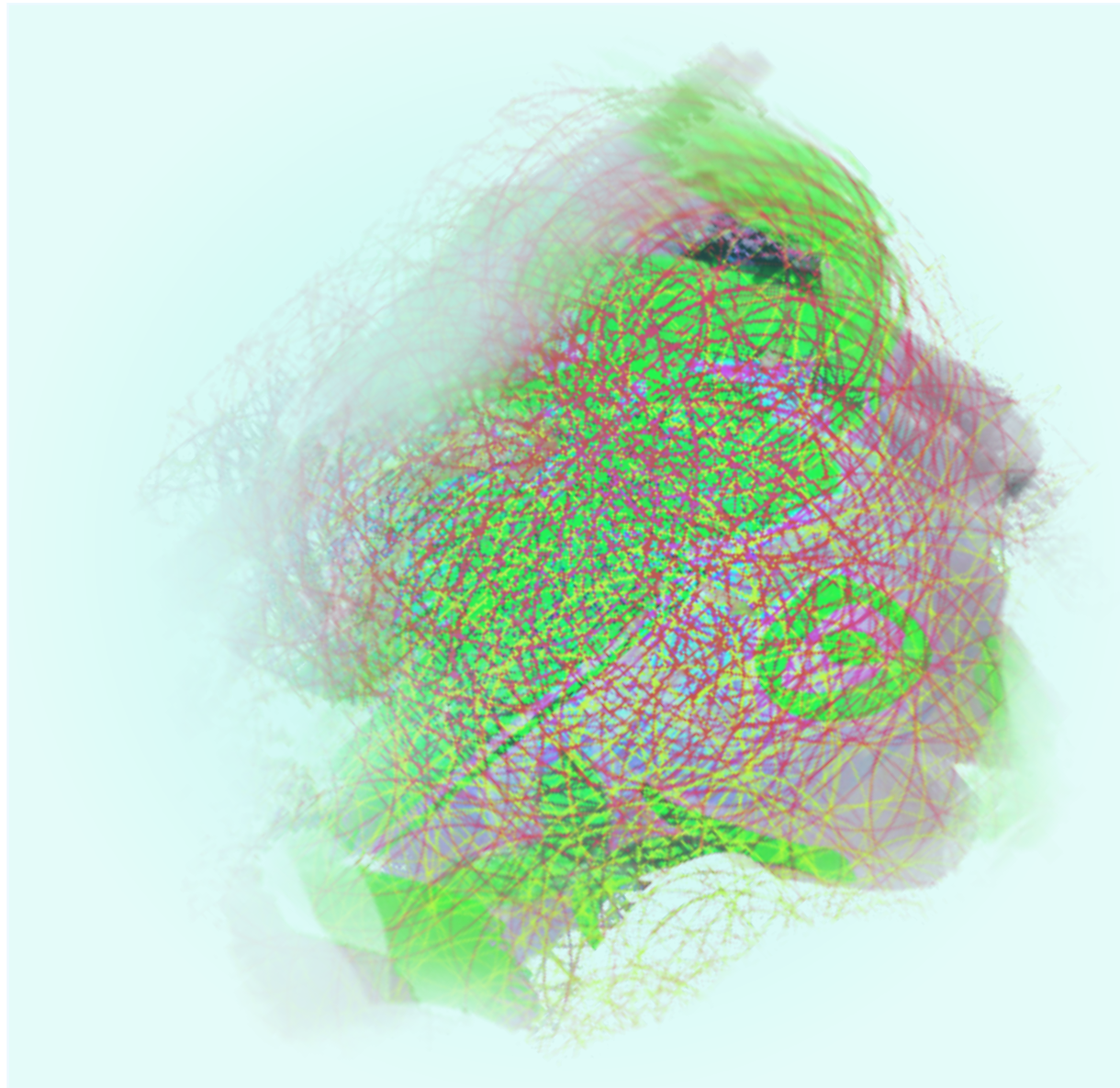
I've felt it before. I don't see why I can't just it again. It's impossible of course though.

Adults see those things as silly, well at least here they might.

Take me back to Cali where

I can ride on the bed of woo till I come home...





And so it was that I came to be enlightened.

For a moment.

With the knowledge of infinite possibilities shopping in my mind.

Pure abstraction that resonated with *undeniable truth*.

Luke sat in the corner with his silk robes on. Strumming that sound of his.

“Man is that you? Are you making that sound?”

“It’s me my brother.”

“Man you can really play.”

I closed my eyes and it all rushed back to me.

I checked right in to my universal passport. No batteries required.

It looked like this.

I was a silent observer in an infinite library of knowledge.
But knowledge upon knowledge as each concept dissolved into itself and
became a concept upon its own seat.

Except no concepts existed.

That was the thing. No concepts existed.
The thought of the thing was heavier than the thing itself.

I supposed I looked around. I tried at least.

But I got distracted by the network of light swaying in front of my open eyes.

I closed my eyes and went back in...

It looked like that scene from The Fifth Element where Bruce Willis or Mila Jovovich throw their head out of a duct or some other action movie trope and they look down and up and off and straight ahead and see an infinite line of business cascading in every realm. Except here there was no business, it was all ideas, colours, images, the *fabric of reality*, As if every idea in every existence had it's own floating shelf of energy and was just presenting itself ad infinitum without any of the weight of concept, connection, observation or expectation.

Even expectations were gone.

*The first step to perceiving an idea, expectation, **even that was gone.***

That was really the most defining thing of all. Or one of them at least. The fact and I use this word lightly with all of it's *astounding* import, the fact that *everything*, every thought that dared to come into my mind was *devoid of any attachment, any association, any connection to anything.*

It just existed in pure experience.

Pure existence.

With no context,

no time,

no space,

IT WAS PURE LIBERATION OF MIND

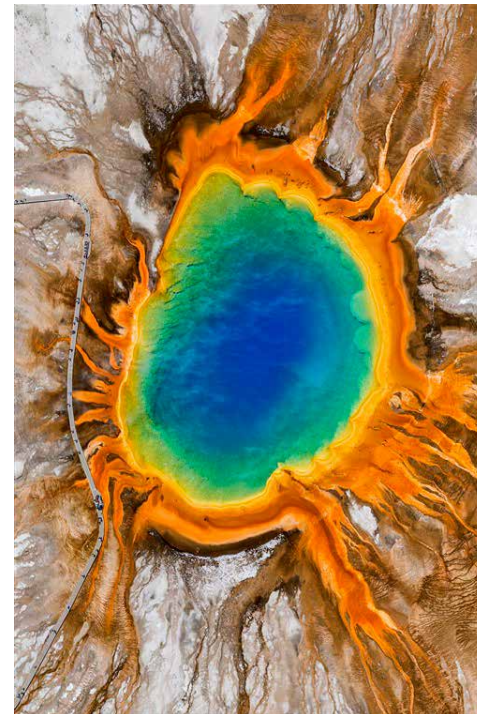




BEETLE



GEYSER



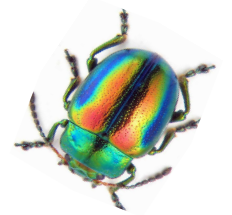
YELLOWSTONE



*Science cannot solve the ultimate mystery of nature.
And that is because in the last analysis, we ourselves are part of nature.
And therefore part of the mystery that we are trying to solve.*

*There is no matter as such. Only force -
which brings the particles of an atom to **vibration**.*

MAX PLANK



ZEN

Big Mind.

A compassionate mind is an open mind.
An open mind is the true mind of existence.
No precepts, no concepts, no attachments.
A free flowing mind floating in possibility is boundless.

This is “original mind.”

*“When we become truly ourselves, we just become a swinging door,
and we are purely independent of, and at the same time, dependent upon everything.”⁰⁰¹*

It is through breathe that we hold this union.

As we take in breathe, we take in this dependence,
and as we give air out,we relax in this knowledge.
The moment shines in this cycle.
We do not seek this dependence.
It is just so.

The present pervades our thoughts and we become one with existence.

The perfect clarity of *bright boundless experience*.

If you leave your mind as it is and always was,
what always will be,
will always be calm.

This is Zen.

If your mind is calm it is not hungry for attachment.

If not hungry for attachment we can live in non-duality.

And all becomes possible.



001 Shunryu Suzuki. Zen Mind, Beginner's Mind. Weatherhill, New York. 1990. Page 31



Robert Irwin, 1° 2° 3° 4°. Los Angeles. Photos by Pablo Mason



Nelson said "*I have lost touch with the world.*"

It what I never wanted to be. A Borg from another time. Except that this time, was ahead, when silicon had parsed my brain and fed the soft being of discovery into a spigot, of downtrodden formulaic exactitude.

So I am now looking for a way up. Out of here.

To cast the skies anew.

Silken black to mermaid blue.

Yep ok we got it now. Luke is pulling us in. Let's go. Let's play.

Upon this ground we pray.

What it is that you discover? For all is known. All is cared for.

For all the symphonies of the spheres they *move with you*.

So what is it your grace? Pray tell me.

Tell me of the place in which you rest your eyes. Cast your worries aside.

She pulled at them . Stretched at them. Tore at them asunder.

The speed from my lids.

Her touch was too much to bear. I cast adoring eyes towards her.
So bright she shone in her new borne gaze.
A birth of a billion years. An immortal haze.

Spread out with no finish line. No end in sight. *Time itself took flight.*

I wiped back. Slow as treacle. Drazed in my heavy ways.
To remember... that I had thought of **time** once before.

As an integer. A unit. Chopped up in full. Parsed.
The *partial overtones* of a life that would soon be set in stone. Amiss.

Come now we enter, not into, but swept *on to* a place where *body bounces on colour*.

They call it awe they call it daze they call it freedom from days.

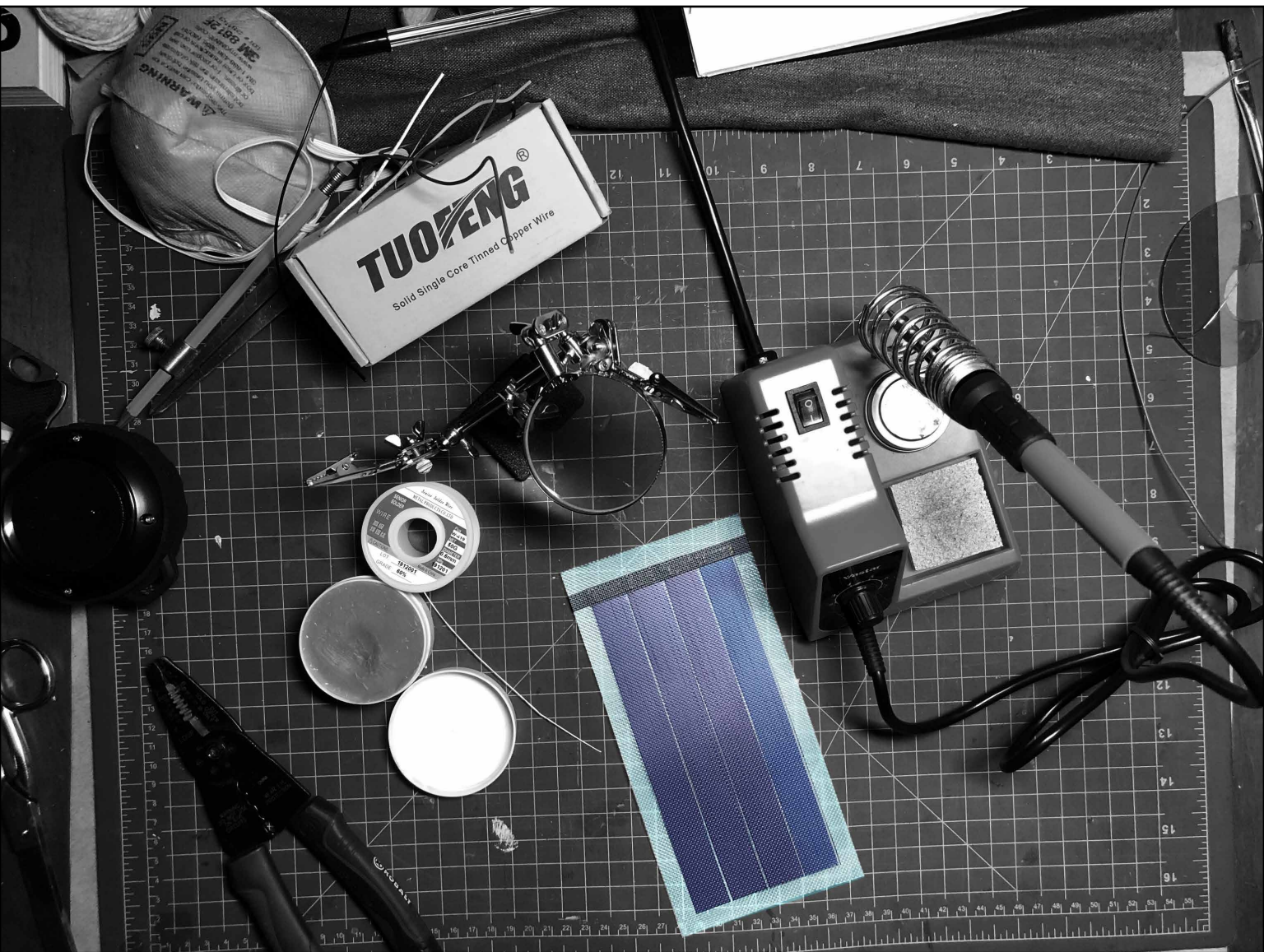
It is the Sun.

The sun gives forth all harmonics. Light - sound - life

All is from the Sun.

OUT OF NOTHING

DAS NICHTS



Heidegger says we are thrown. Buddha says we suffer.

Out of the nothing -

Ab-grund (void) = Emptiness (Śūnyatā)

Confrontation between being and this nothing is strife.

All is Energy.

We are born from the nothing into being. We do not come into the world *but are made out of it.*

See Vedanta.

Our being is an expression of the Universe. We are blossoms of life.

From *Uneigentlichkeit* - inauthenticity - to *Eigentlichkeit* - authenticity.

Crowd Speak. **Das Gerede.** *The Chatter.* The dictatorship of Das-Man.

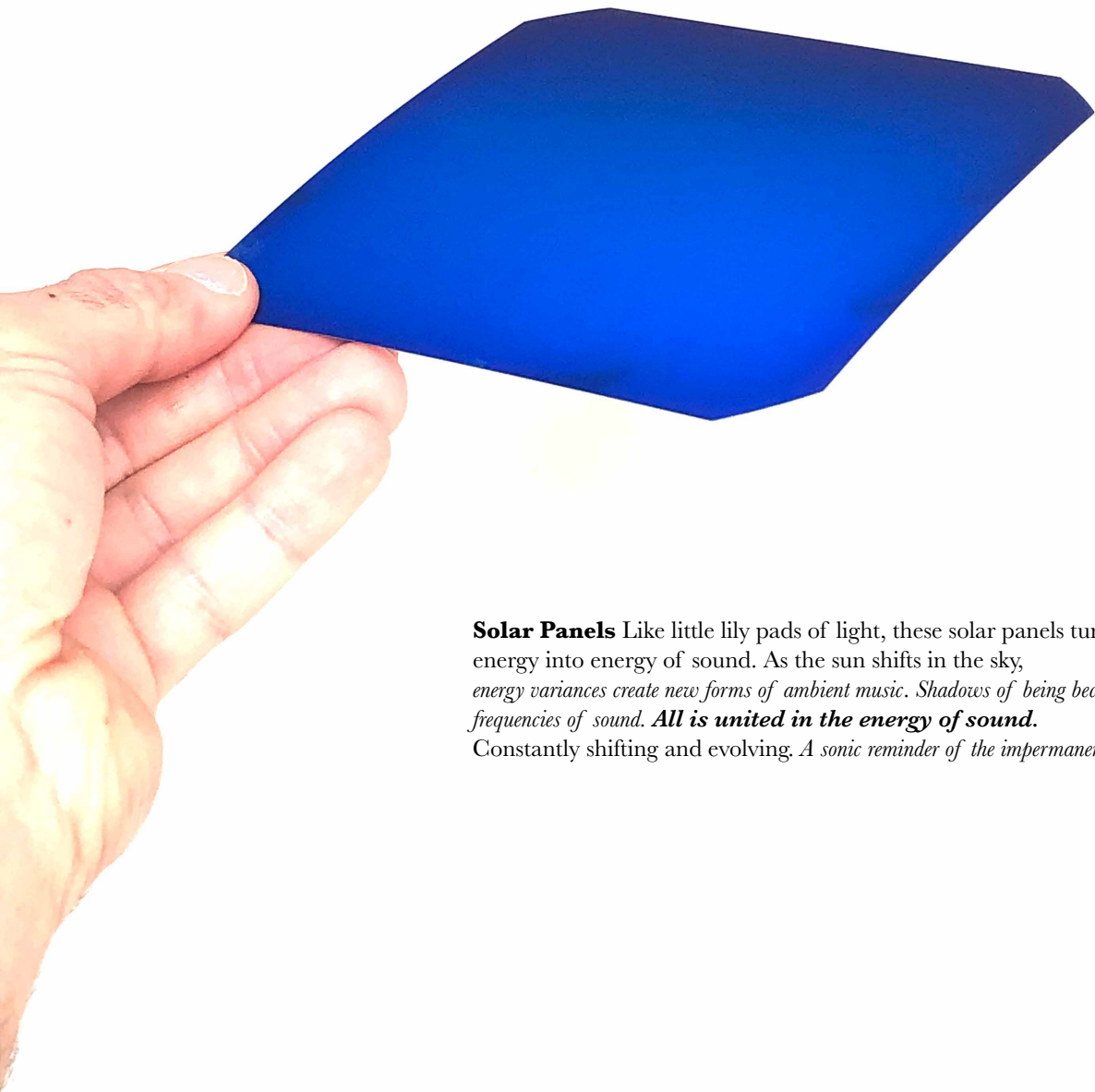
Crowd Speak. Das Gerede. The Chatter.

But Prejudice Imprisons. Routine Imprisons. **Expectation Imprisons.**

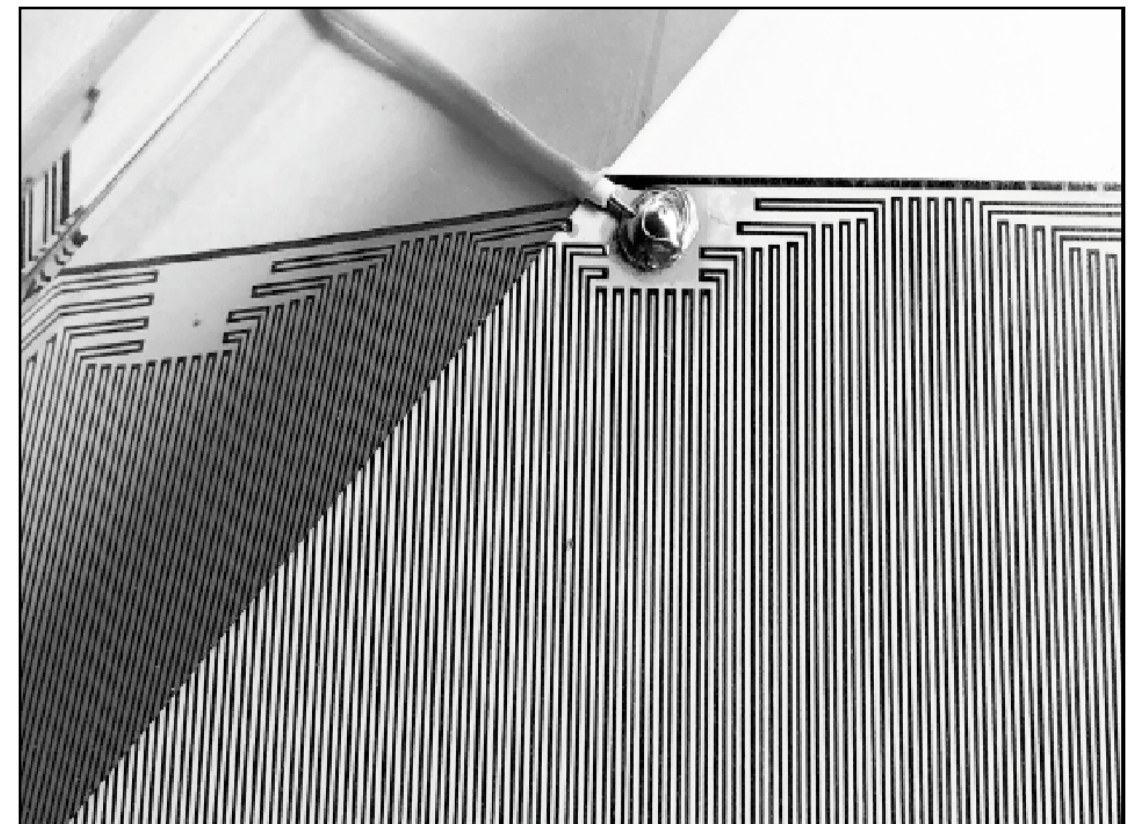
Heidegger says we are thrown. Buddha says we suffer.

COMES EVERYTHING

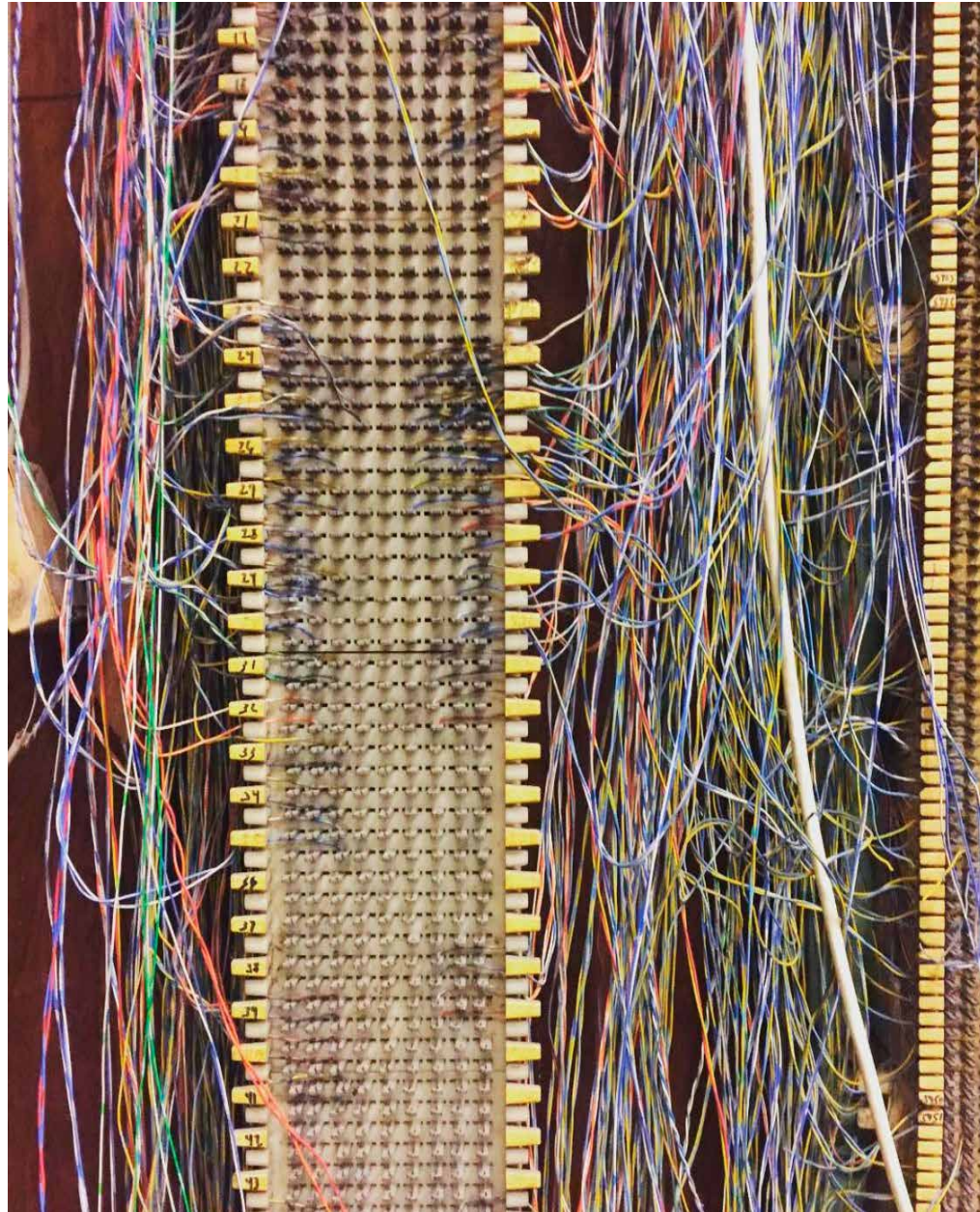
PHOTO/VOLTA



Solar Panels Like little lily pads of light, these solar panels turn solar energy into energy of sound. As the sun shifts in the sky, energy variances create new forms of ambient music. Shadows of being become frequencies of sound. **All is united in the energy of sound.** Constantly shifting and evolving. *A sonic reminder of the impermanence of life.*



COMMUNICATION



Communication is the ultimate form of transcendence.

The “simultaneous experience of self and other.”⁰⁰¹

The experience of an other - from within the ‘you’. All forms of transcendence come through a form of communication. Spiritual transformations come from a communication with a unified form of energy, be it God, Love, or hear the Sun.

Shepherd states that loneliness offers the desire for a union with a force one *has* experienced before.

You simply cannot experience one condition without acknowledging the mirrored experience of its counterpoint.

Loss begets want.

They depend on one another.

“How can you know some- thing’s missing if you’ve never experienced whatever it is you now miss?”⁰⁰²

The desire to experience the heightened state of awareness, one achieves in nature, is the drawing on that part of ourselves that has always lived within us, indeed that which defines us.

The Wildest and Most Ancient Part of Us.

When Hindus talk of an *absolute reality* pertaining to a *single source* this is perhaps what they are invoking.

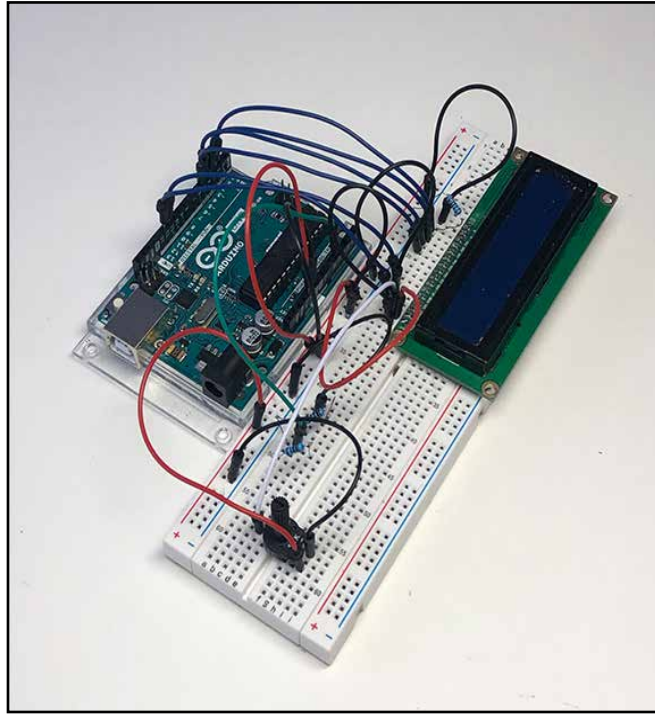
The scientifically proven common ancestry of all life on this planet.

Our past, our future and of our always humming presence. This existence predates the emergence of our psychological selves. The neurosis of our present state is but a blip in the 4 billion year life cycle of our natural state. The advent of technology may threaten this comfort or it may cause its transcendence.

Perhaps it can do both.

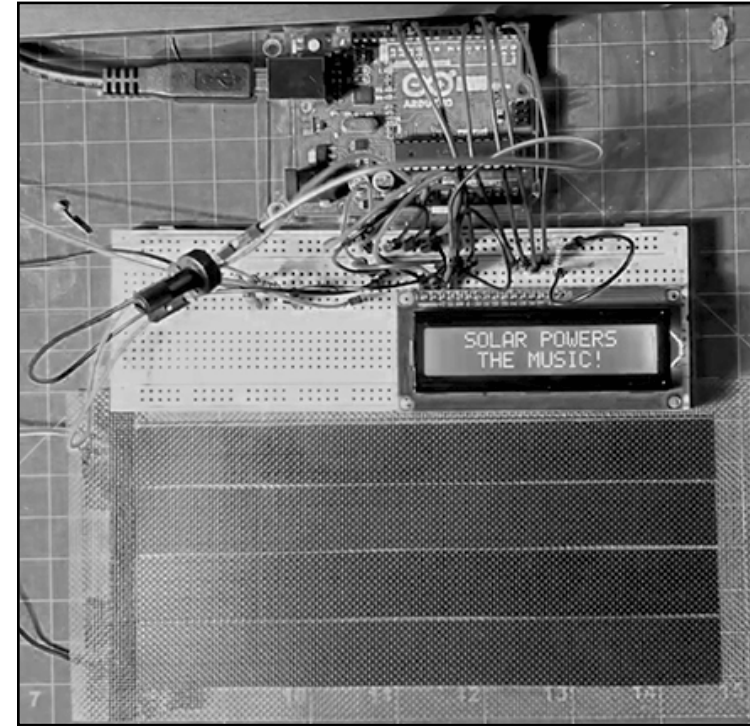
001 Gregory J. Shepherd. Communication as Transcendence. us.corwin.com. https://us.corwin.com/sites/default/files/upm-binaries/5422_Shepherd_I_Proof_2_Chapter_3.pdf (Sourced February 11th 2020).

002 Gregory J. Shepherd. Communication as Transcendence. us.corwin.com. https://us.corwin.com/sites/default/files/upm-binaries/5422_Shepherd_I_Proof_2_Chapter_3.pdf (Sourced February 11th 2020).

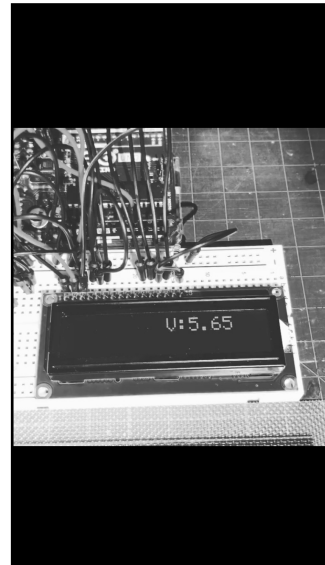
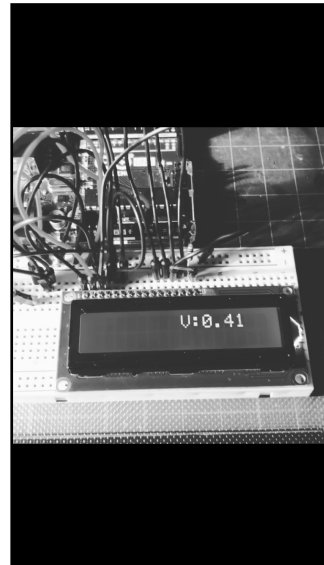
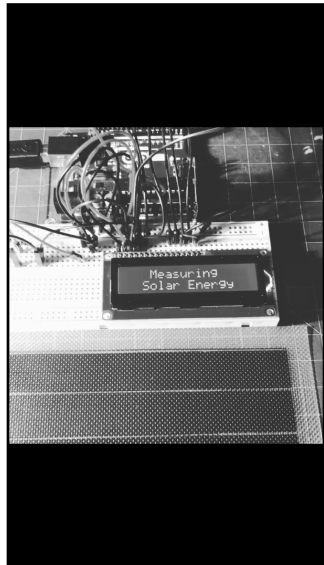


An Arduino communicated with a potentiometer, LCD screen and a series of resistors.

In order to give an accurate reading for the solar panels a base line resistance for the circuit must be measured.



A Solar Panel feeds an Arduino. The LCD screen records voltages as they ebb and flow. Data from the Sun.



Measuring Solar Output:

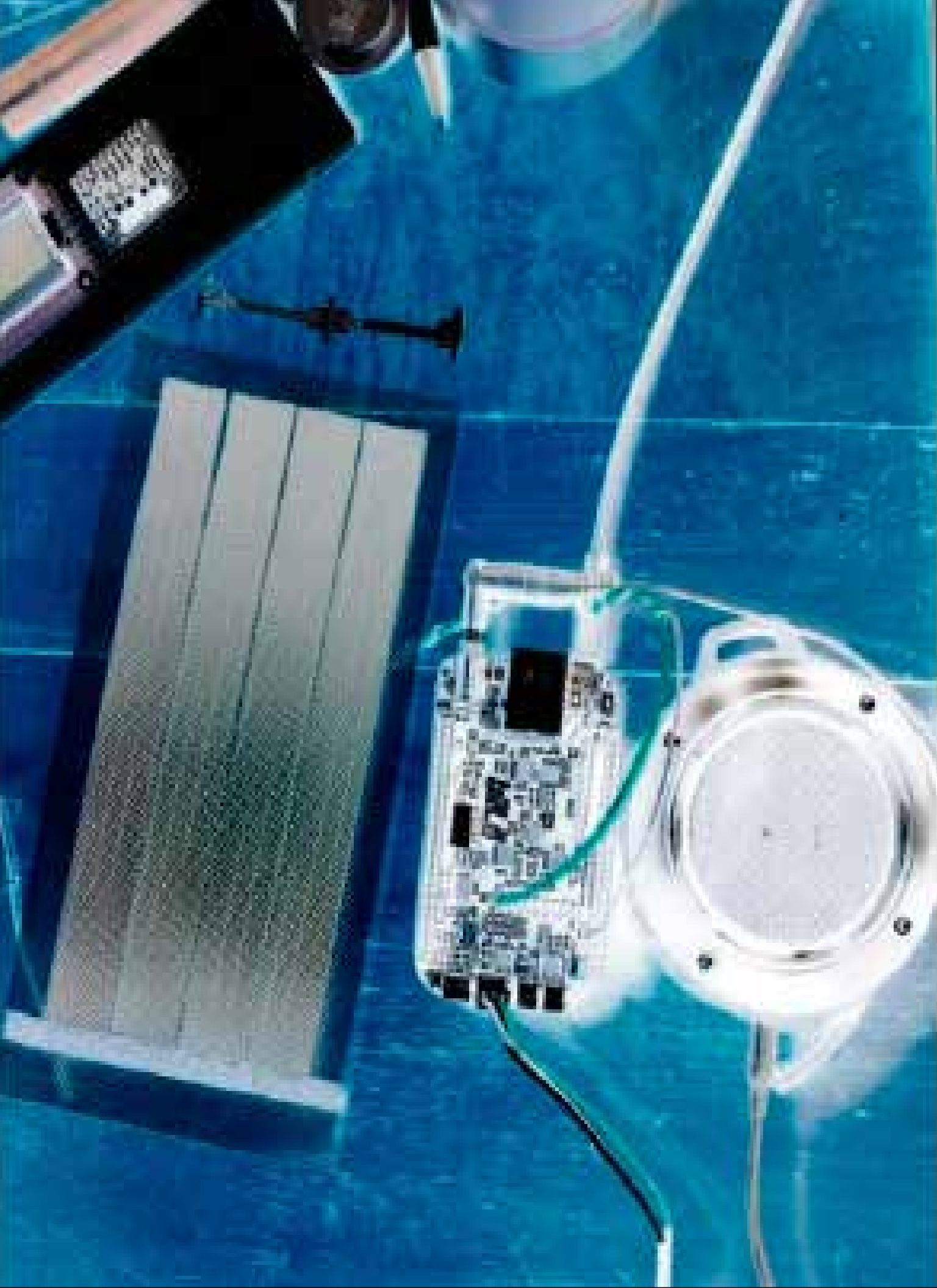
Darkness/No Reading.

Low to Medium Reading.

Medium to High Reading.



Additional panels are added to generate multiple variables that will be used to begin a composition.



*“My challenge is to show you a reality that has no past or future –
a piece that exists in a perpetual present.”*

- Carlos Cruz Diez



RGB Sensor

Colours from the environment become sound and light.
You become colour and your colour becomes
other forms of vibration.

Light to Colour.

Colour to Sound.

Sound back into Light.

All is United in Common Vibration.

II

HARMONICS

Total Vibration.

Harmony. From the Greek word *harmos* - to Join.

As old as time. ***Harmony is the sound within sound.***

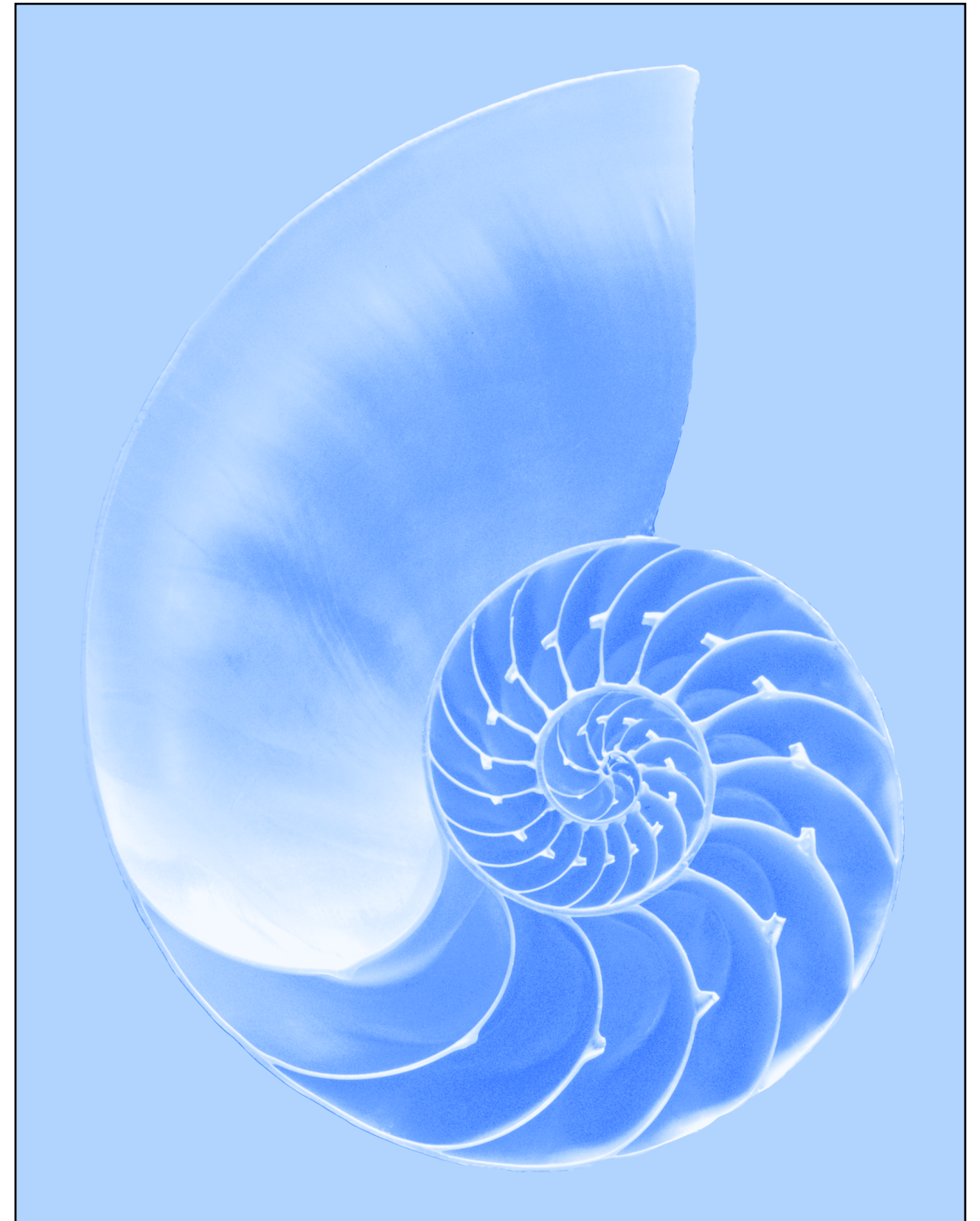
Two different and at times contrasting elements come together.

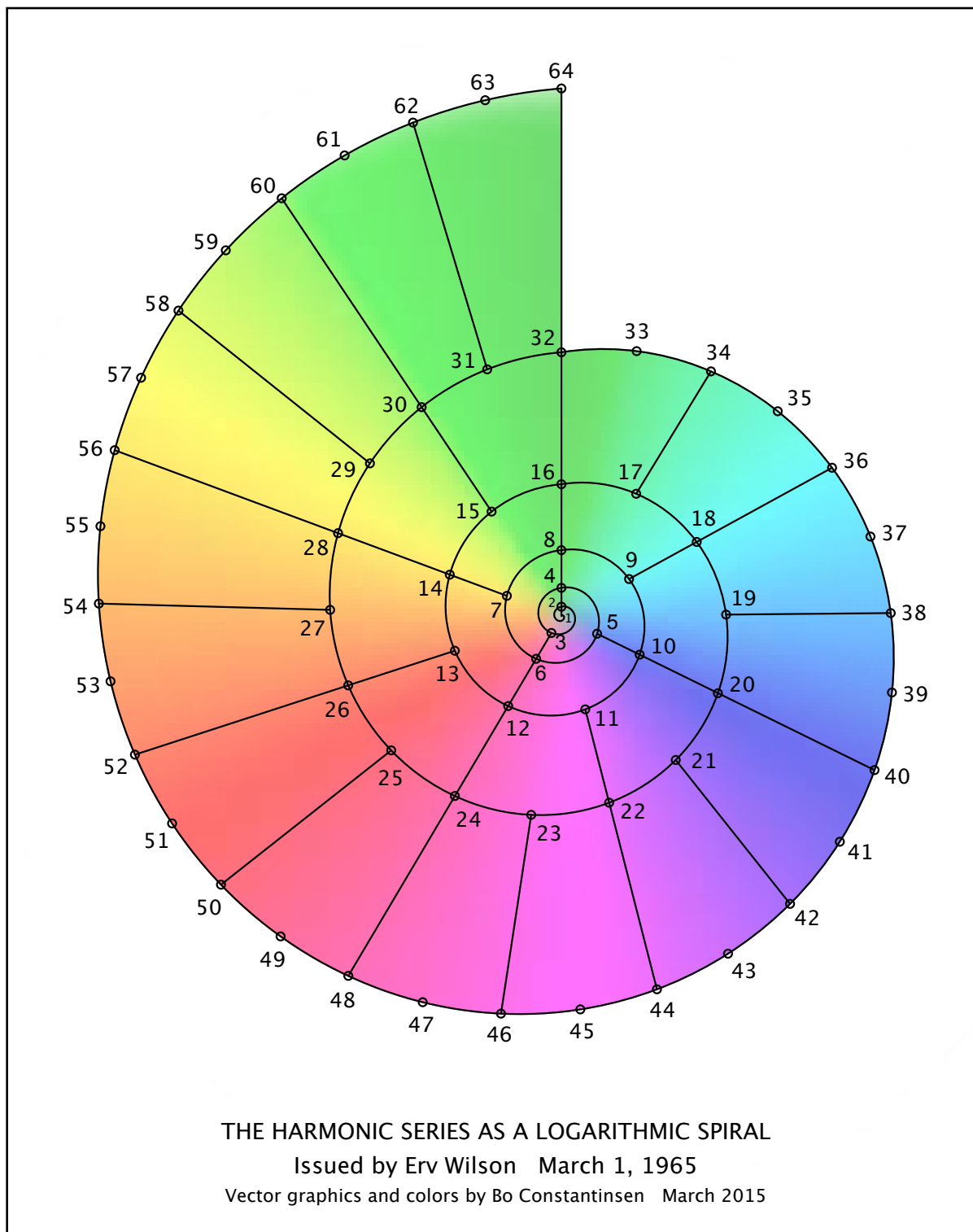
Anew and resplendent. A unified harmonious whole.

All is nature is in harmony.

East and West.

United by the Sun.





Music can be described as either movement in harmony and noise or the quiet stillness of silence.

Harmonics make up *rhythm, timbre, and pitch*.

Fibonacci, the great observer of life, saw great harmony in nature and found the Fibonacci sequence.

These great number relationships are found everywhere.

From the Nautilus shell to Feynman's path of light.

Harmony is everywhere.

HARMONY floating in the spirit of sound. The sweeping stillness of total sound.

Not the deary drone of London practice. Freedom slipping from our tongues, daring to run from the prescribed intent of western praise.

Aloft, alight, our drones pretended.

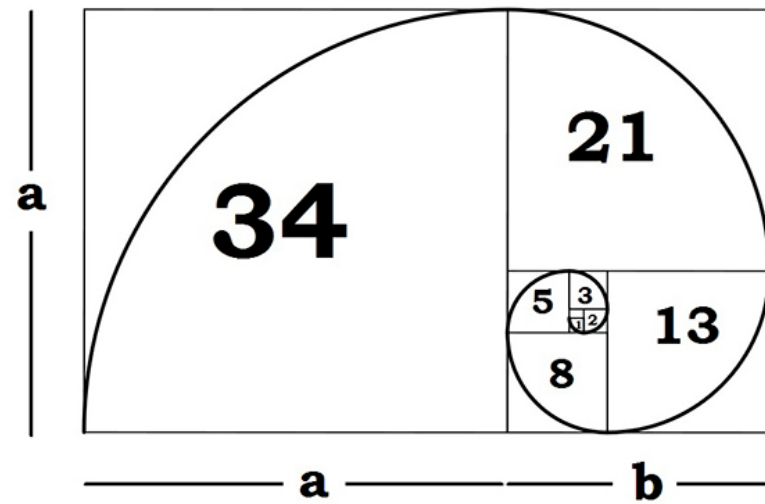
Rather we sought the *dependence of soul. dadadadadadadadada adada!*

Freedom from the expected.

Freedom from the known.

Praise Krishna.

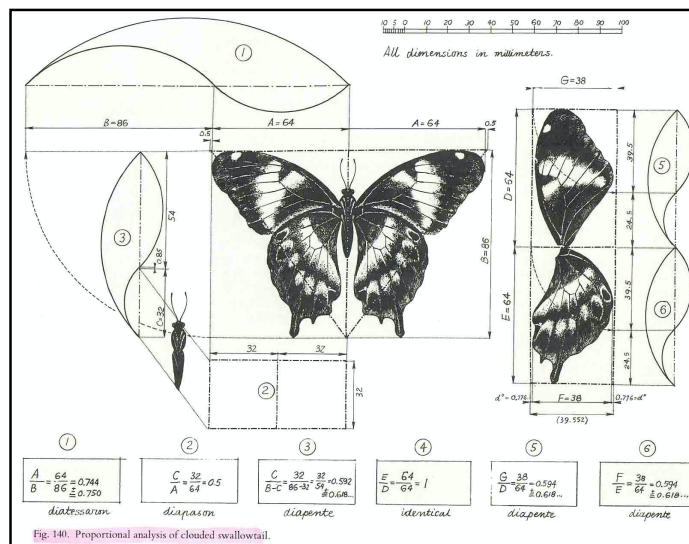
For all things must flow !



Music and the Fibonacci Sequence w/ Rory PQ

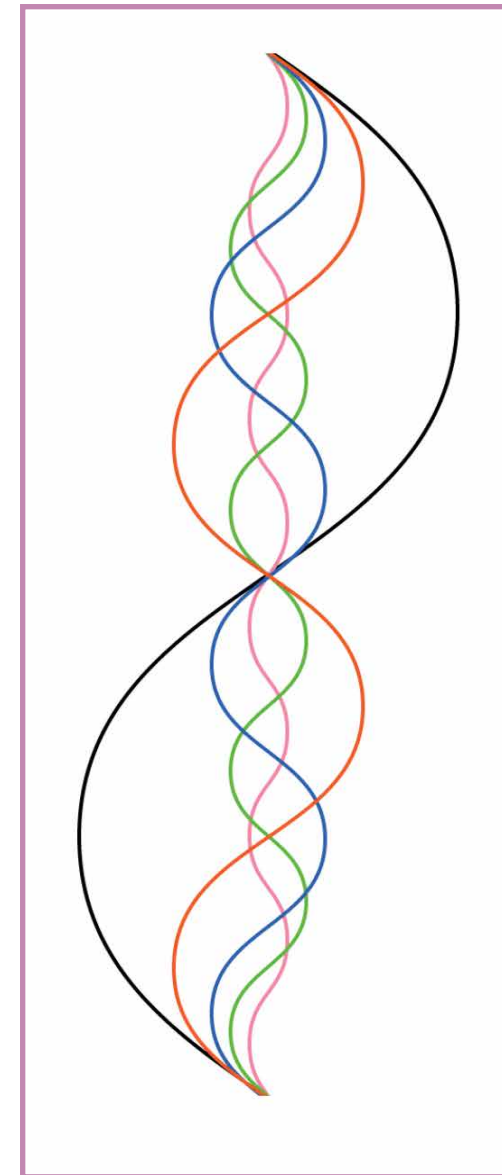
The great proportions of the golden section.
 The sum of the previous two numbers create a third. And so on.
 This is known as the **Fibonacci Sequence**. When these two numbers are divided, smaller into larger ($\frac{?}{</>}$) a number close to **1.618** arrives. This is Phi. As we move towards **Infinity**, the closer to **Phi** we become.

1 . 6 1 8



Gyorgy Doczi - The Power of Limits, 1981

The proportions of many natural elements how Phi ratios. These ratios are geometrically related to simple wave forms.



The Harmonics of a String (the whole).

As a string vibrates it also vibrates as a half, third, fourth, fifth and so on.

These harmonics can be expressed as **overtones**. These overtones or additional tones are heard when vibrating the one harmonious whole.

It is the sound of the parts within the whole.

Unison Perfect circle 1:1 Ratio	
Octave Diameter divides the circle. 1:2 Ratio.	
Diapente 2:3 Ratio. Equilateral triangle divides the circle	
Diatessaron Square divides the circle. 3:4 Ratio The musical fourth.	
Pentagon Pentagon divides the circle. 4:5 and 3:5 ratio	
Hexagon Hexagon divides the circle 5:6 Ratio	
Octagon Octagon divides the circle. 5:8 Ratio The minor sixth.	

“Geometry is Frozen Music.” - Goethe

These ratios are expressed geometrically through the relationship between a perfect circle (representing a whole) and the first five primary shapes.

These relationships are seen in the harmonic series, of musical scales and chord progressions.

Scales take advantage of these ratios by turning the relationships into harmonious patterns. For example the Pentatonic scale has five notes, the Diatonic eight, and the Chromatic thirteen. Additionally the 1st, 5th, 8th and 13th note in any scale makes a perfect major chord. In both cases the Fibonacci Sequence is referenced.

The sequence can be mapped onto frequency and pitch rate - ⁰⁰¹

Fibonacci Ratio	Calculated Frequency	Tempered Frequency	Note in Scale	Musical Relationship	When A=432 *	Octave below	Octave above
1/1	440	440.00	A	Root	432	216	864
2/1	880	880.00	A	Octave	864	432	1728
2/3	293.33	293.66	D	Fourth	288	144	576
2/5	176	174.62	F	Aug Fifth	172.8	86.4	345.6
3/2	660	659.26	E	Fifth	648	324	1296
3/5	264	261.63	C	Minor Third	259.2	129.6	518.4
3/8	165	164.82	E	Fifth	162 (Phi)	81	324
5/2	1,100.00	1,108.72	C#	Third	1080	540	2160
5/3	733.33	740.00	F#	Sixth	720	360	1440
5/8	275	277.18	C#	Third	270	135	540
8/3	1,173.33	1,174.64	D	Fourth	1152	576	2304
8/5	704	698.46	F	Aug. Fifth	691.2	345.6	1382.4

And then onto a midi conversion table.

12	C	16.4	36	C	65.4	60	C	261.6	84	C	1046.5	108	C	4186.0	na	C	16744.0
13	C#	17.3	37	C#	69.3	61	C#	277.2	85	C#	1108.7	109	C#	4434.9	na	C#	17739.7
14	D	18.4	38	D	73.4	62	D	293.7	86	D	1174.7	110	D	4698.6	na	D	18794.5
15	D#	19.4	39	D#	77.8	63	D#	311.1	87	D#	1244.5	111	D#	4978.0	na	D#	19912.1
16	E	20.6	40	E	82.4	64	E	329.6	88	E	1318.5	112	E	5274.0	na	E	21096.2
17	F	21.8	41	F	87.3	65	F	349.2	89	F	1396.9	113	F	5587.7	na	F	22350.6
18	F#	23.1	42	F#	92.5	66	F#	370.0	90	F#	1480.0	114	F#	5919.9	na	F#	23679.6
19	G	24.5	43	G	98.0	67	G	392.0	91	G	1568.0	115	G	6271.9	na	G	25087.7
20	G#	26.0	44	G#	103.8	68	G#	415.3	92	G#	1661.2	116	G#	6644.9	na	G#	26579.5
21	A	27.5	45	A	110.0	69	A	440.0	93	A	1760.0	117	A	7040.0	na	A	28160.0
22	A#	29.1	46	A#	116.5	70	A#	466.2	94	A#	1864.7	118	A#	7458.6	na	A#	29834.5
23	B	30.9	47	B	123.5	71	B	493.9	95	B	1975.5	119	B	7902.1	na	B	31608.5
24	C	32.7	48	C	130.8	72	C	523.3	96	C	2093.0	120	C	8372.0	na	C	33488.1
25	C#	34.6	49	C#	138.6	73	C#	554.4	97	C#	2217.5	121	C#	8869.8	na	C#	35479.4
26	D	36.7	50	D	146.8	74	D	587.3	98	D	2349.3	122	D	9397.3	na	D	37589.1
27	D#	38.9	51	D#	155.6	75	D#	622.3	99	D#	2489.0	123	D#	9956.1	na	D#	39824.3
28	E	41.2	52	E	164.8	76	E	659.3	100	E	2637.0	134	E	10548.1	na	E	42192.3
29	F	43.7	53	F	174.6	77	F	698.5	101	F	2793.8	125	F	11175.3	na	F	44701.2
30	F#	46.2	54	F#	185.0	78	F#	740.0	102	F#	2960.0	126	F#	11839.8	na	F#	47359.3
31	G	49.0	55	G	196.0	79	G	784.0	103	G	3136.0	127	G	12543.9	na	G	50175.4
32	G#	51.9	56	G#	207.7	80	G#	830.6	104	G#	3322.4	na	G#	13289.8	na	G#	53159.0
33	A	55.0	57	A	220.0	81	A	880.0	105	A	3520.0	na	A	14080.0	na	A	56320.0
34	A#	58.3	58	A#	233.1	82	A#	932.3	106	A#	3729.3	na	A#	14917.2	na	A#	59669.0
35	B	61.7	59	B	246.9	83	B	987.8	107	B	3951.1	na	B	15804.3	na	B	63217.1

Midi Conversion Table. Together with pure sine waves (and their harmonic overtones) these midi notes serve as vital building blocks in the creation of computerized music.

⁰⁰¹ The contents of this page and its imagery was gathered from Music and the Fibonacci Sequence w/ Rory PQ. <http://blog.dub-spot.com/fibonacci-sequence-in-music/>. Sourced April 1st 2020

AUM

The Sound of the Infinite.

A-U-M. Akara, Ukara, Makara.

The sound of the universe. A sonic representation of absolute pure reality.

A force to transport to subliminal worlds.

The Upanishads begin:

“Om ityetadaksharam idam sarvam, tasyopavyakhyanam bhutam bhavat bhavishyaditi sarvam omkara eva.”

“OM! That (the Invisible-Absolute) is whole; whole is this (the visible phenomenal); from the Invisible whole comes forth the visible whole. Though the visible whole has come out of that Invisible Whole, yet the Whole remains unaltered.”⁰⁰¹

Brahman for itself incomprehensible. A symbol is used. That symbol is *Aum*.

Om separated into its three sounds - A - U - M - is a series of divine trinities: “Brahma Shakti (creation), Vishnu Shakti (preservation) and Shiva Shakti (liberation, and/or destruction)...*waking, dreaming, sleeping...*the Divine in its threefold role as the creator, sustainer and destroyer of the universe.”⁰⁰²

As OM comes to rest a forth state comes into being, *the state of silence, Turiya, pure consciousness,* the absolute unity with infinite spirit and pure adjoining bliss.

An embrace of true nature, an acceptance of infinite spirit.

“This transcendent sound is like an opening of the arms to embrace everything that lives.”⁰⁰³



001 The Upanishads, Translated by Swami Paramananda, The Vedanta Centre, Boston U.S.A.1919. Page Unknown.

002 Simon Heather. Om - The Primordial Sound. Simonheather.co.uk. <http://www.simonheather.co.uk/pages/articles/aum.pdf> (accessed January 31st 2020).

003 Govinda, L (1960) Foundations of Tibetan Mysticism, Rider, Boston U.S.A. 1960, Page 11.

III

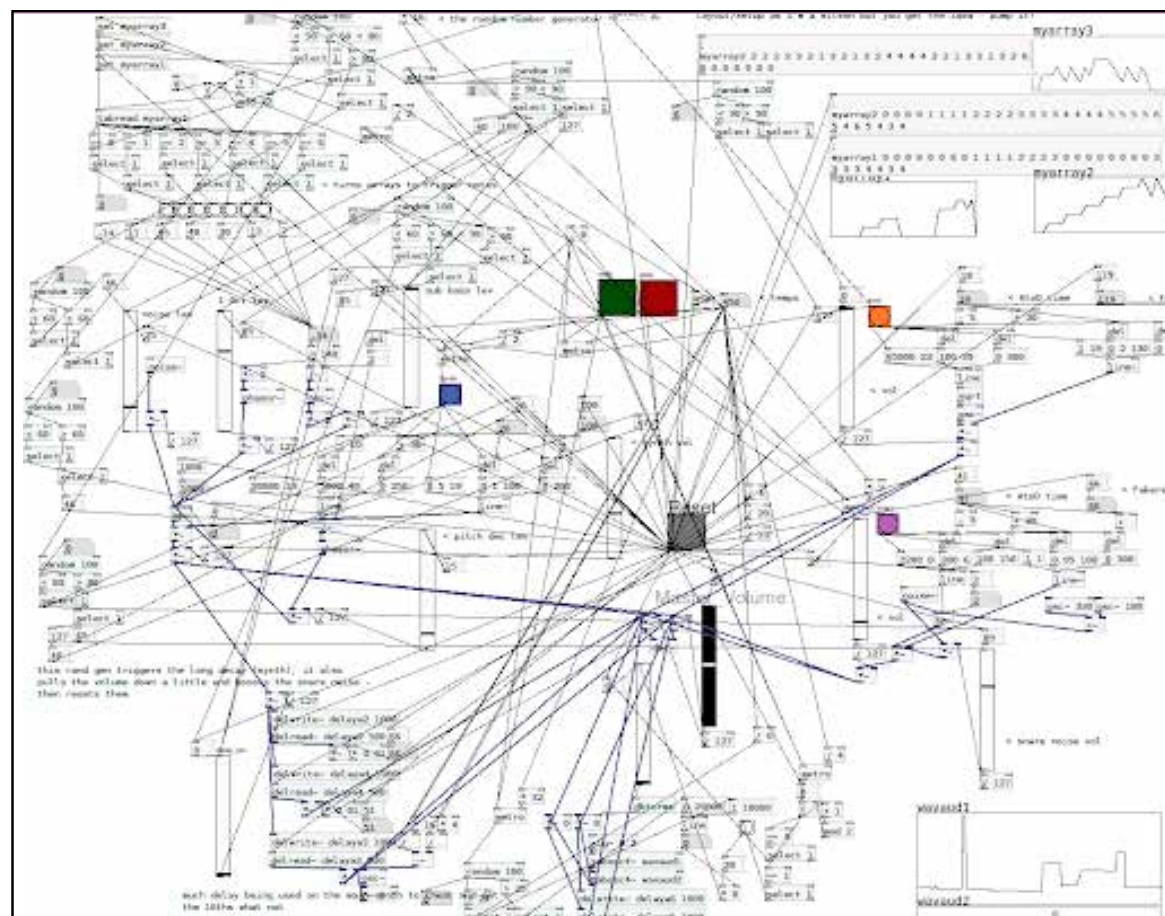
PURE DATA

All is Sound.

Pure data is a node based computer program.

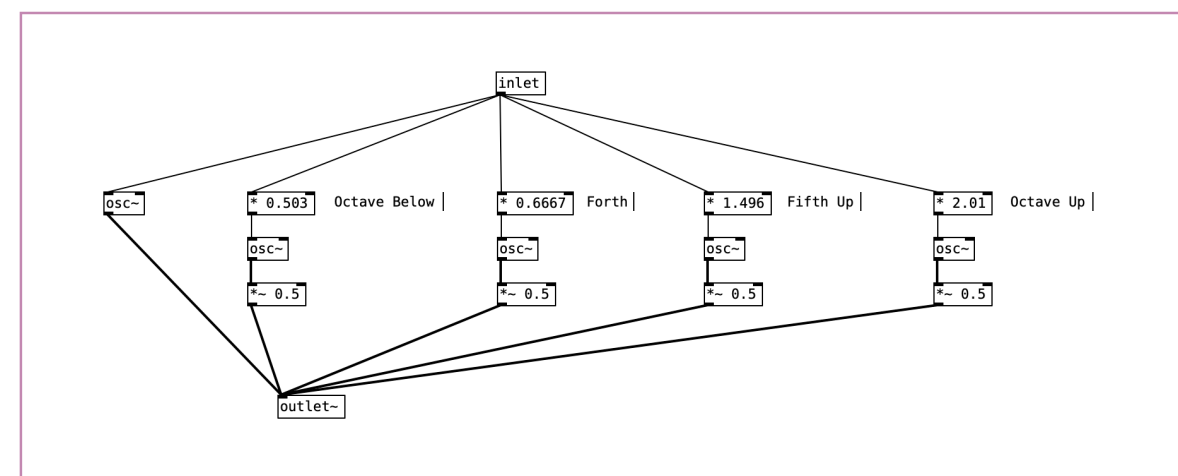
It can create almost any sound through a combination of sine waves, samples, and noise.

FT or Fourier Transformation allows a person to breakdown any wave into its constituent parts.



OSC

I created a series of *oscillators* in pure data. These combined fundamental frequencies with harmonic overtones. Expressed through Fibonacci and up into the golden ratio. Layer upon layer of sound created infinite reverberating richness.



This process of *additive synthesis* gave the fundamental frequency of each oscillator an additional vibrant richness.

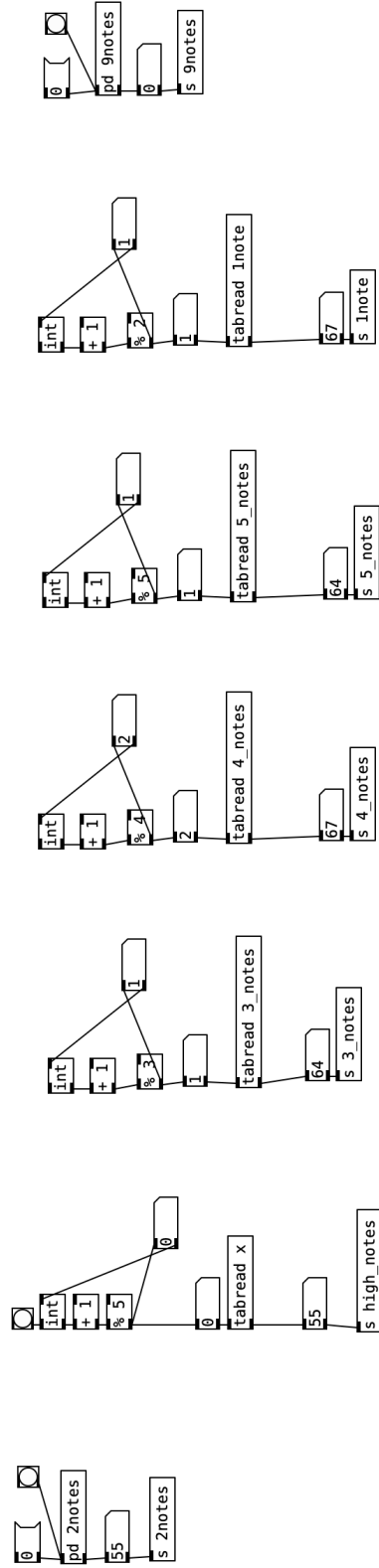
The addition of harmonic overtones also increased the number of ingredients in the patch (pure data program).

These ingredients created a network of variables that could be modulated at will, spontaneously, or in this case both -

By way of the sun.

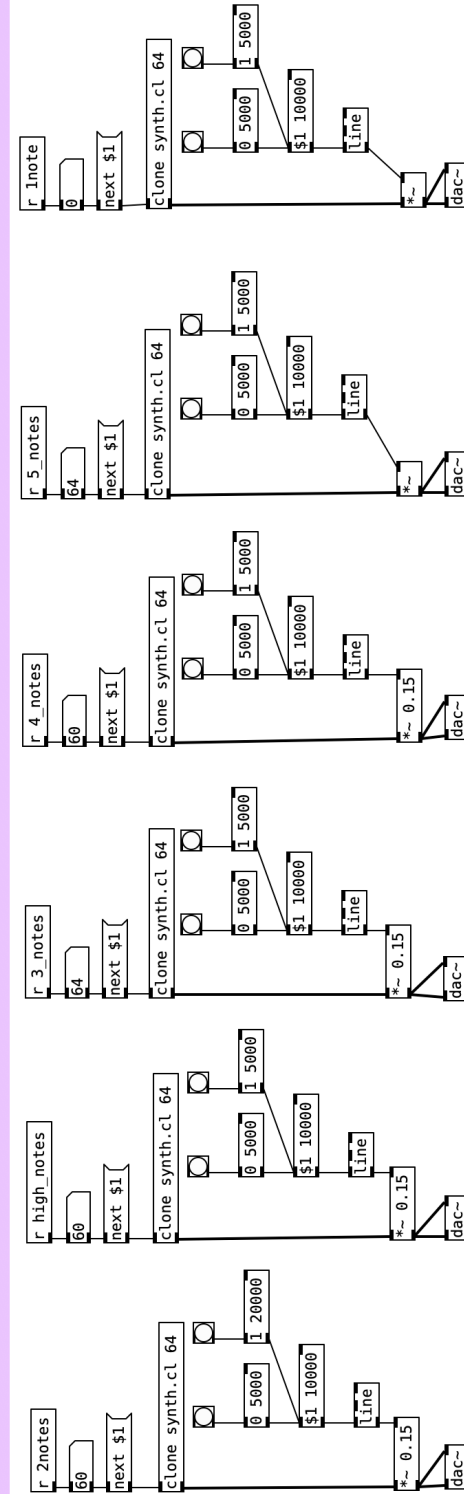
Who offers its power upon us.

MIDI_Notes



MIDI Notes are gathered from a **tabread** function in the pure data patch. From here they are sent to various oscillators where they are turned into frequencies and played through the **dac** (digital audio converter).

Receive_Notes



SYNTHS are the various oscillators that give the midi notes their distinct *rhythm*, *timbre* and *pitch*. Each synth has a **line** function that serves to ramp up or down the amplitude of the frequencies. Together with the **delay** and **decay** functions a sweeping scene of sound reverberates throughout the air.

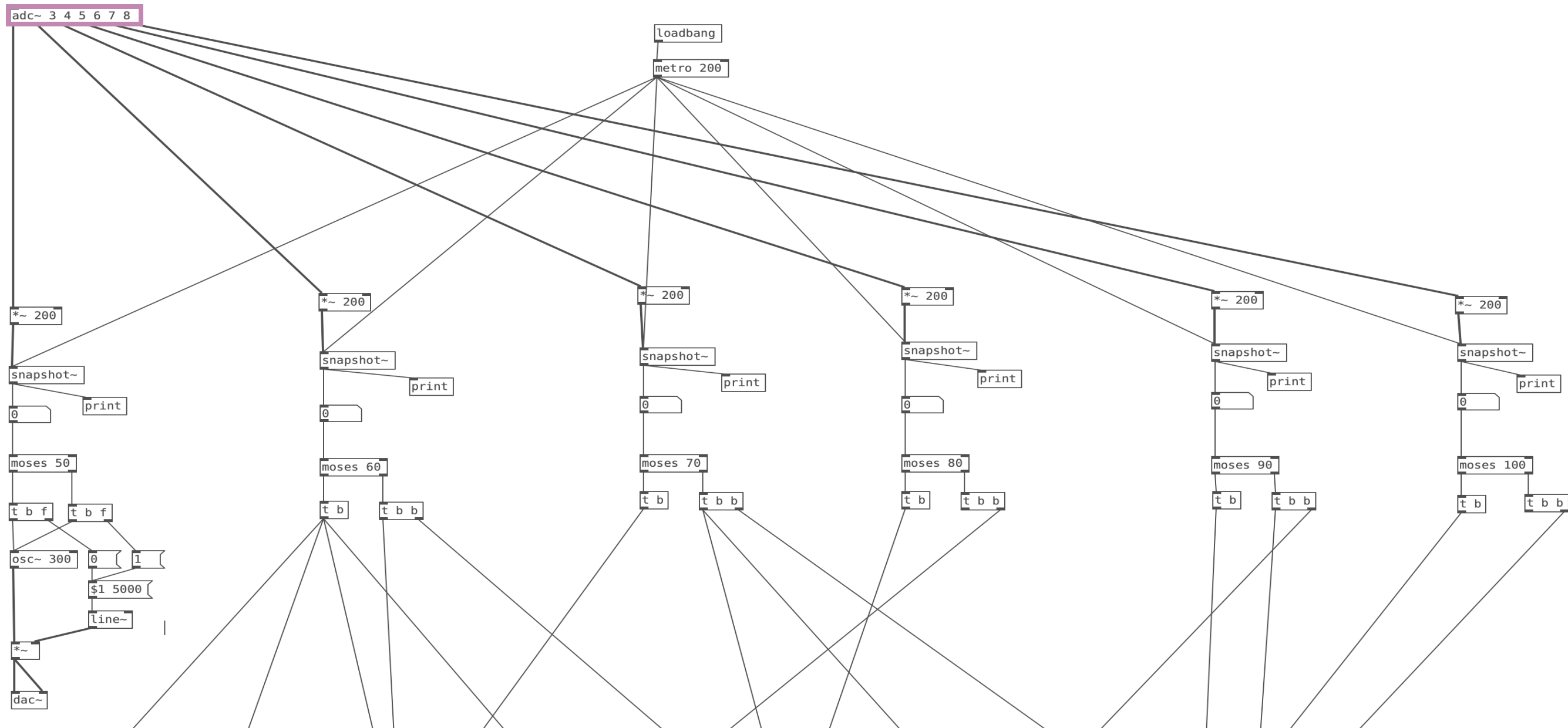
ADC (analog digital converter).

The *adc* is the main pumping heart of the program.

6 Analog inputs take data from the 6 solar panels and convert it to readable numbers.

Once these numbers are inside the patch they can be manipulated and randomized.

Here they are being used to drive the *moses* function, which acts as a numerical threshold siphoning values left or right. If a panel's output (it's voltage) exceeds a threshold a *bang* is issued and a new series of movements is triggered. Similarly if the voltage remains below a moses threshold a different movement is issued and a different concert accorded.



IV

BELA

The Bela is an advanced micro-computer, that can run independently from a computer.

Running atop a BeagleBone Black it is known for its high fidelity in sound and its low latency in interactions.

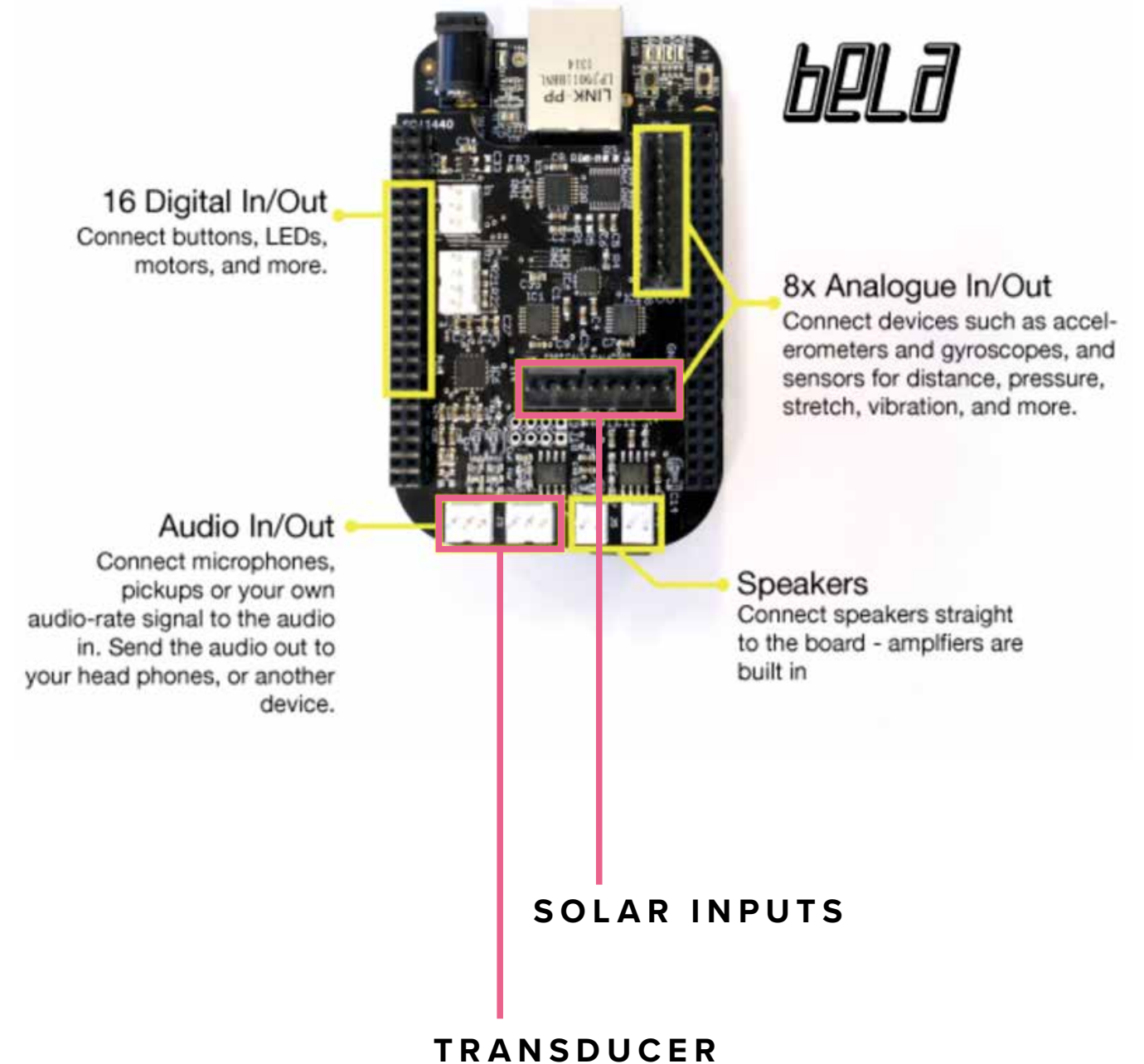
Interactions are smooth and fluid and the sound processing instantaneously rich and full.

Another advantage of the Bela is that Pure Data patches can run on the controller. Patches can be sent to the Bela through a web based environment (the IDE) where they remain on the board waiting to be used. Rapid prototyping can ensue.

It is the perfect ingredient for seamless sonic environments.



The Bela Board contains 8 analogue and 16 digital inputs/outputs. There are also two inputs/outputs for audio devices and both a left and right channel for speaker output. Due to the built in amplifier one only needs to power the board through the barrel jack and sound is pushed through the hardware.





PLEASE SCAN FOR FILM.



As each panel catches the light in its own way one variance leads to another.

A Transducer converts electrical energy into vibrational force.

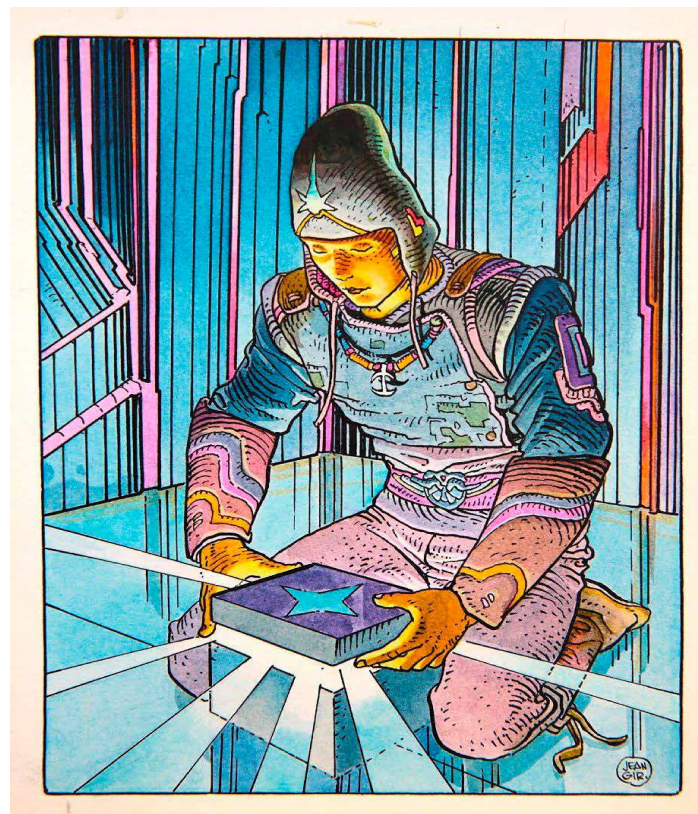
These vibrations create audible sound waves.

These waves pass through surfaces to provide a tactile relationship with sound.

In this way you can *dissolve into sound* and *feel the sun*. **Harmos Helios**



The Sacred Tree, WAONE, 2017



Starwatcher, MOEBIUS (Jean Giraud) 1986

V

PORTALS

On a Threshold.

Reticence asking , begging for the courage to shatter all reason.

Questioning the magic on the otherside.

No certainty just opportunity.

In the end I wanted it to be nothing.

Experience itself holding centre.

Pure force on an abandoned stage.
 pain *and* pleasure all was made.
 On that night.

Yet we kept to pray a story of *purpose*.

When no purpose was ever made. On that night.

Except to spread life, and all life is consciousness.

So spread that.

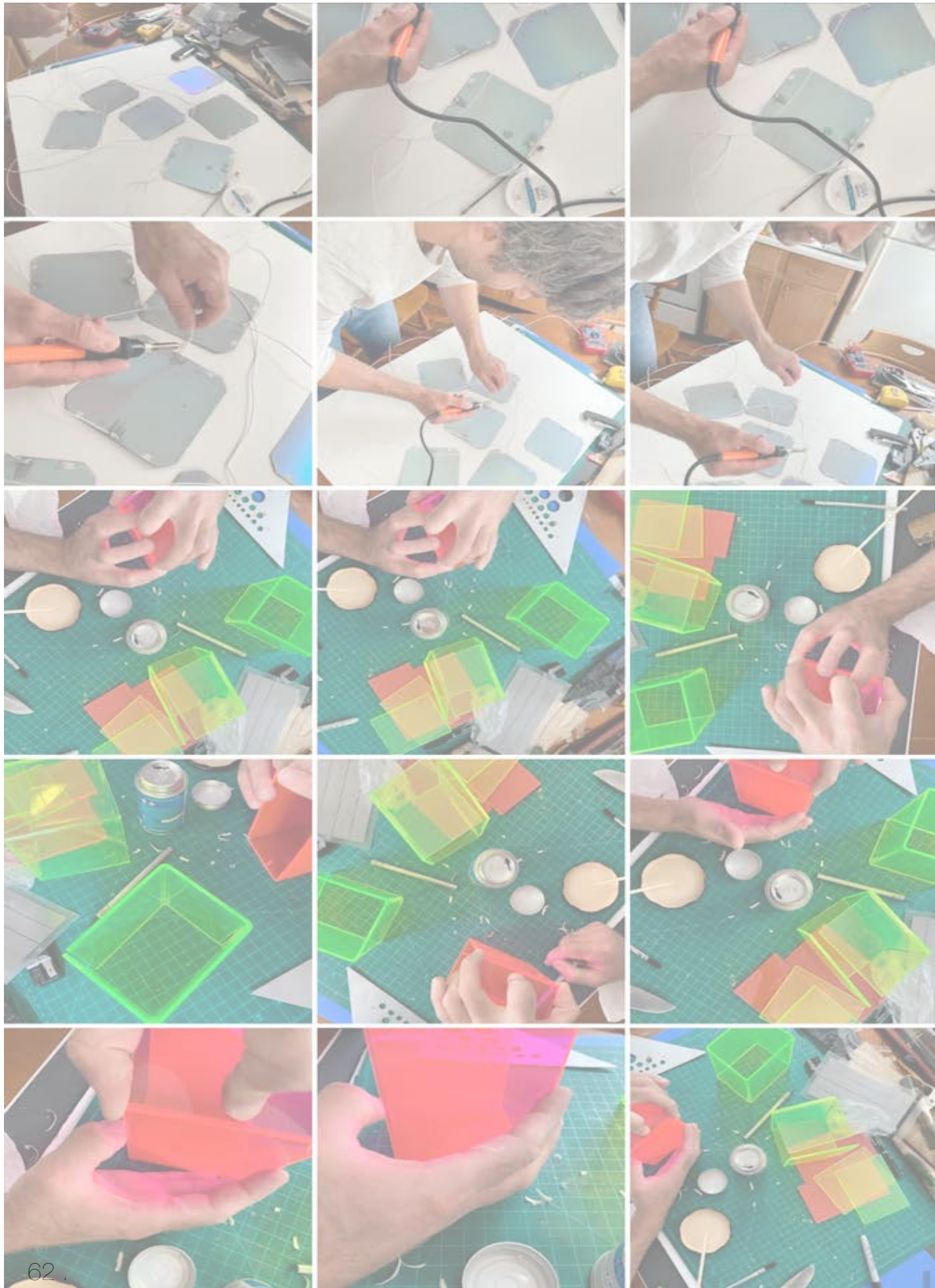
*Do we not want to rest somewhere in the undefined space
 between past, present and future.*

Where no time belongs.

And all ideas are possible,

The infinite variety of no duality.





VEDANTA

“Be in the world not of it.”⁰⁰¹

Vedanta upholds *life as the source of all creation.*

Only **life** can lead to life.

The universe evolved out of this one absolute reality.

The ever present presentation of light.

Louis Pasteur demonstrated through his theory of biogenesis that:

omne vivum ex vivo - life comes from life.

Life can not exist *separate* from its self.

It is an expression out of itself.

Thus as mankind invariably stems from a single source

(whether it be the bang, sun or beyond)

all *being* is inextricably *linked* together by a common primordial source.

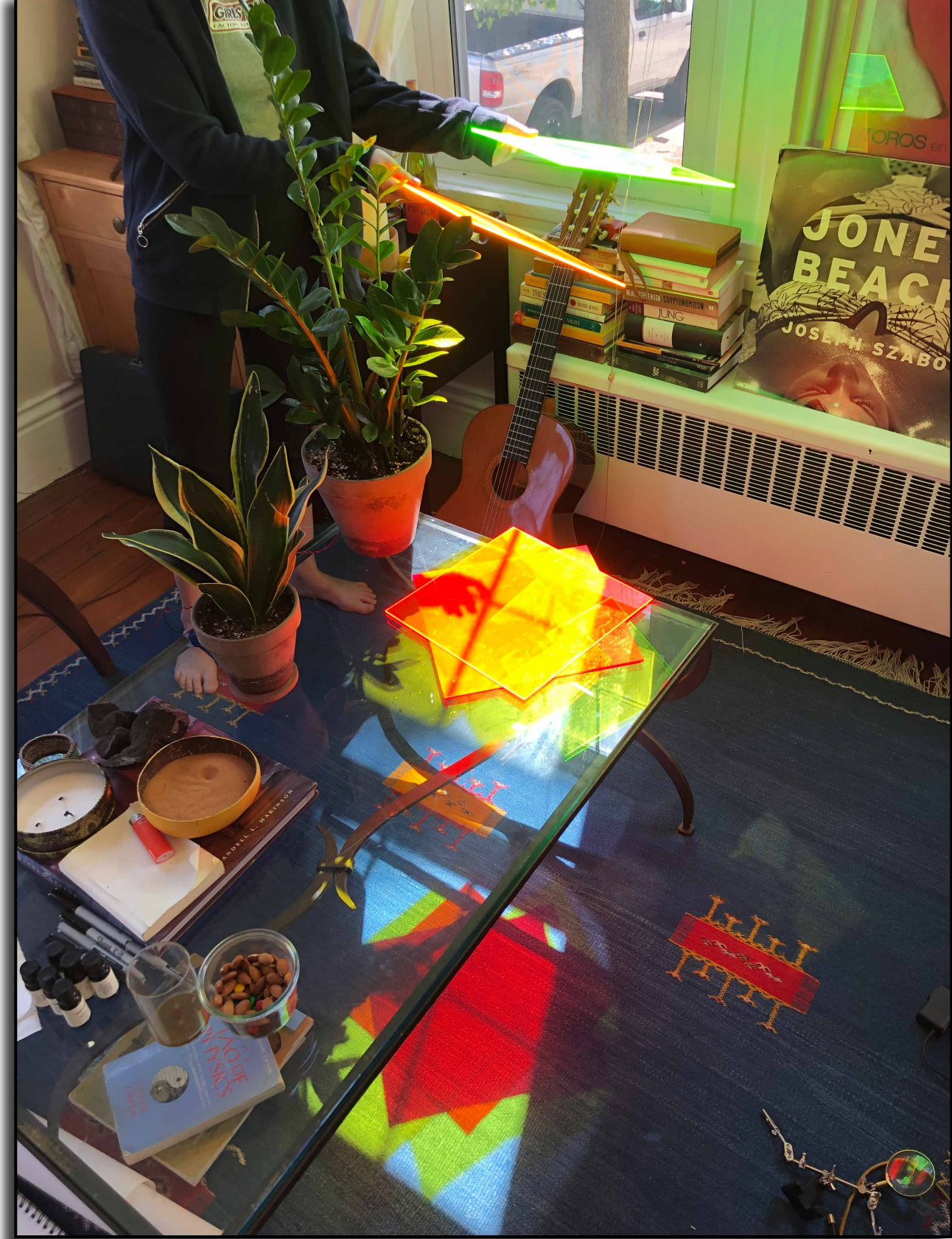
Every cell contains “the totality of all primordia.”⁰⁰²

The Vedantic tradition states that: all form physical and imagined stems from this one Absolute.

All “the various species are subject to a developing principle of evolution of consciousness.”⁰⁰³

It is in this spirit that operations must unfold.

The development of consciousness out of source and back again.



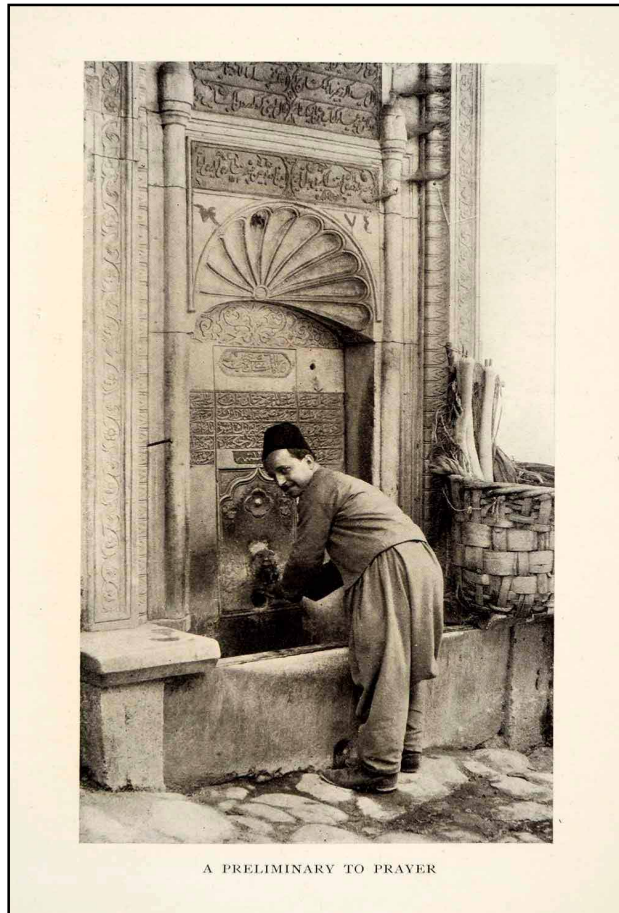
There are "things seen and unseen. Things *seen* and *unseen*." (David Whyte)

After the crushing lament of unnoticed finery. Two planes and nine arrivals.

A simple act creates doubt in the binary. Colour spreads its truth about.

The sun purifies, the earth purifies, the waters purify. From where came, so do we return. We wash ourselves in the sebil. We cleanse ourselves in the tsukubai. We absolve ourselves from condition. For it is written “what one has is all one needs.”⁰⁰¹ And so when we cleanse ourselves we are not absolving ourselves of our sins rather we are bathed in the beauty of our lives, through fresh sun on dusty minds. For it is certain. Addition not negation. To become clean is to remove the impurities of attachment from our mind. As

attachment to false concepts are a form of pollution that hides us from the truth, water the great purifier washes our minds clean. And so we move to Sun. Expectation is attachment. Opinion is attachment. Definition is attachment. Do you now see how this colours the truth? Beginners mind is fresh and free. Conditioned mind is but stale and done. Done before the experience has been made. Before the book has been written. For opinion is the bedfellow of expectation, The thought done before it is performed.



A PRELIMINARY TO PRAYER

A Sebil is used to absolve and cleanse oneself before prayer,

The book written, edited, published - before the author named. And so through purity, liberation moves our souls to God. The sebil cleans muck free from the film of realization. As a cloth over the eyes of truth blinds us to reality, water washes away this wall to free the way to union. This is the new sebil. It is of the sun. Covering us with bright light of truth and infinity. Revealing our cosmic core. It is in this act that we become the truth. The truth, that what we always were is what we will always be, but that it is dust and mud that blinds us to this reality.



I am looking for cosmic religiosity.
The soft ruins of an ancient knowledge, always known. But hidden.
An embedded digitality. Where tools and instinct become one.
Where science and spirituality come together. Old and new. Novel forms in established space.
Providing a space for contemplation, meditation and galactic introspection.

*But here we have a universal source.
Let's see where that path leads.*

*You see it now. I see it too.
Vibration calls and I will return.*

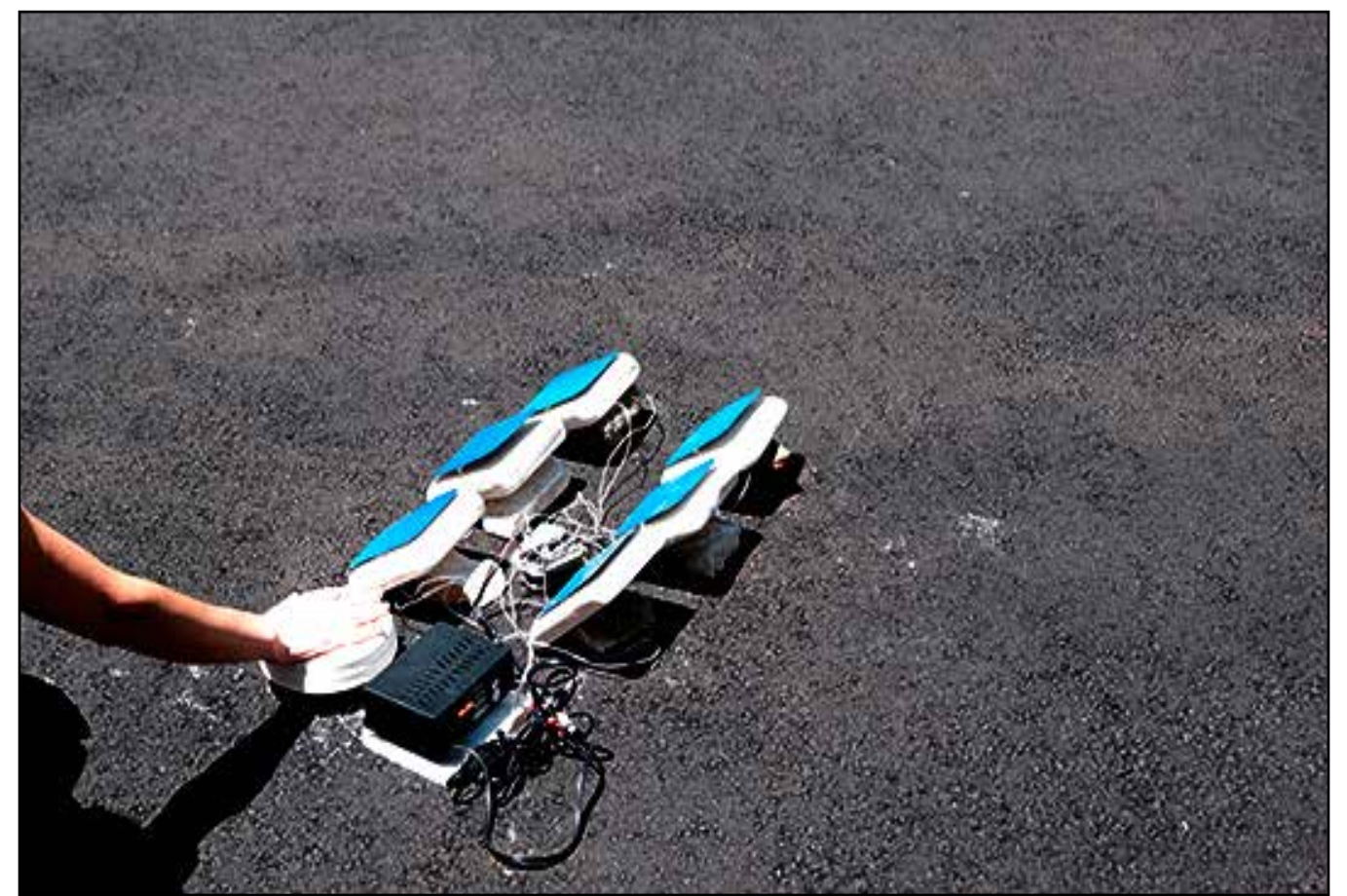
*Pure being and eternal
Tap me in and let's begin.*

Above. A sebil outside a mosque in Turkey.1909

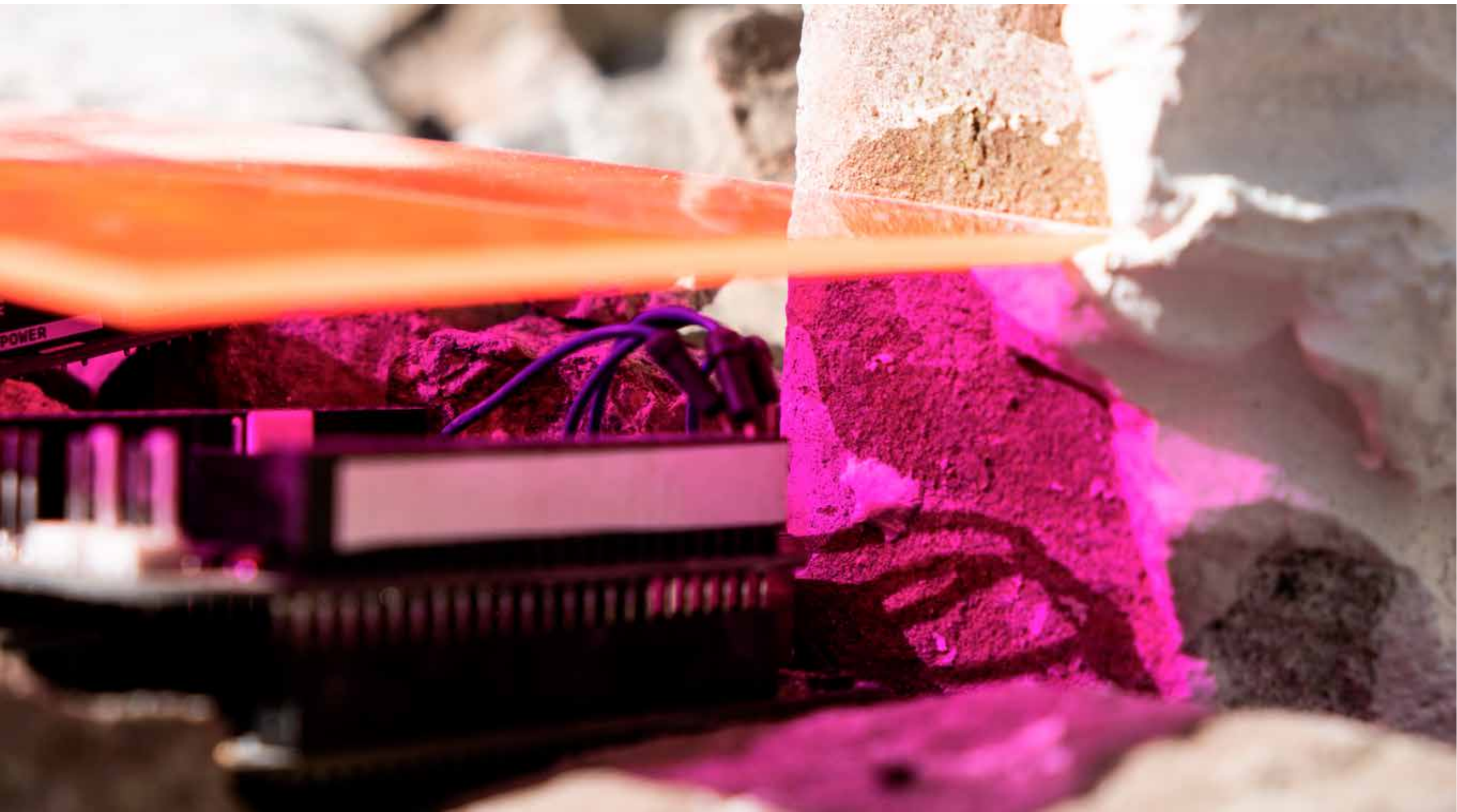
001 This is a approximation of “I only know plenty” the Kanji inscription on The Ryoanji Tsukubai in Kyoto that reads ‘ware tada taru (wo) shiru’

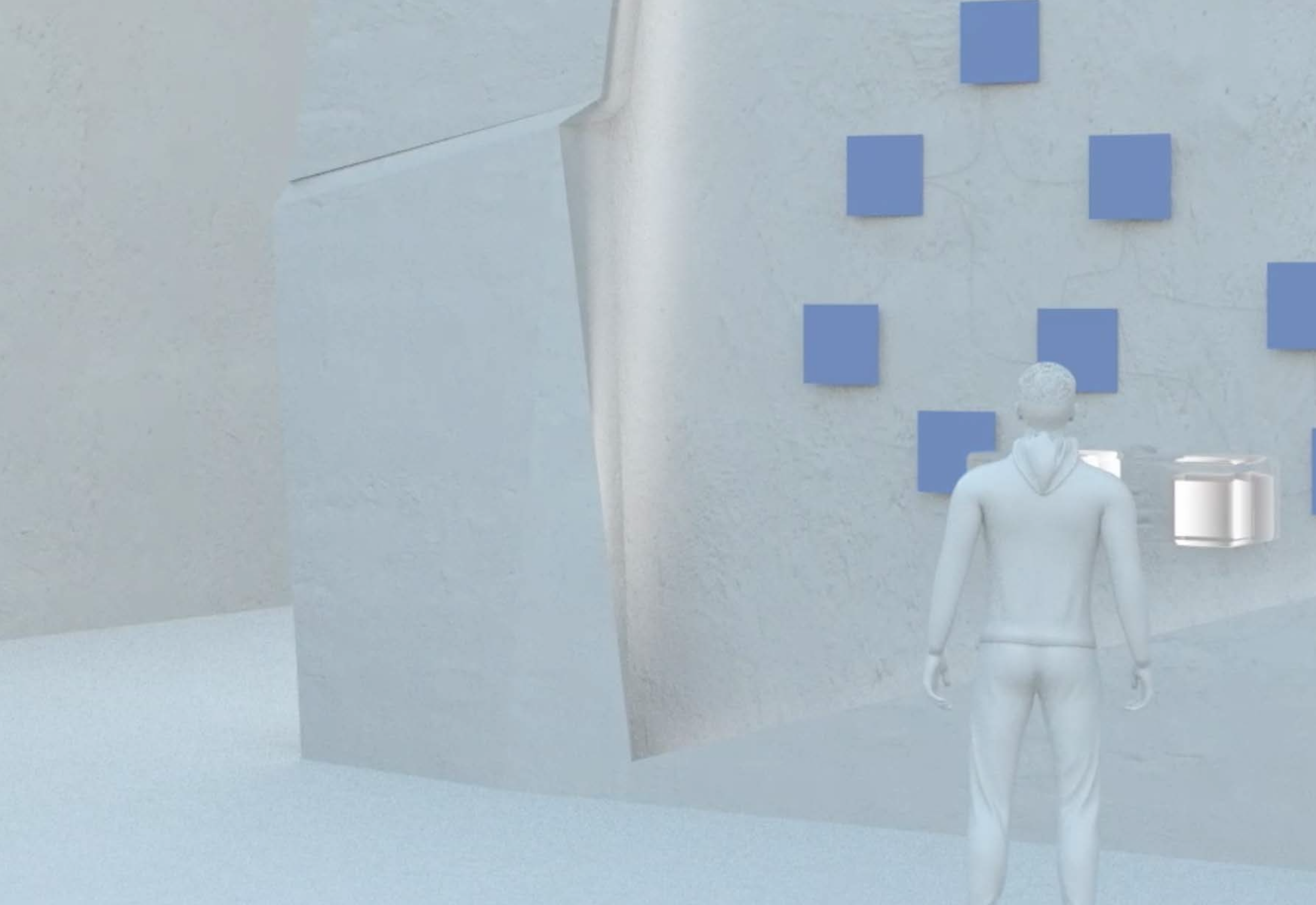


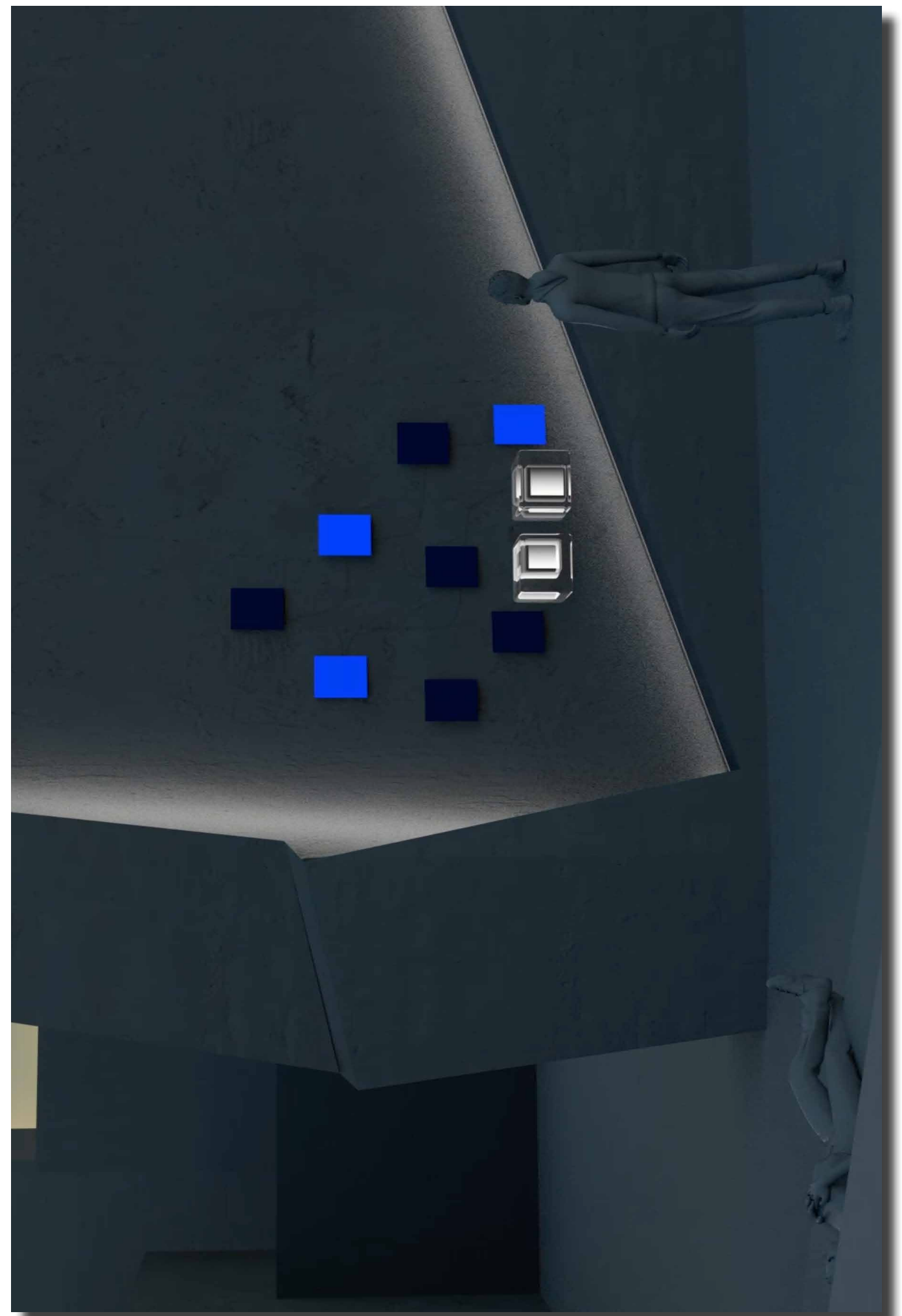
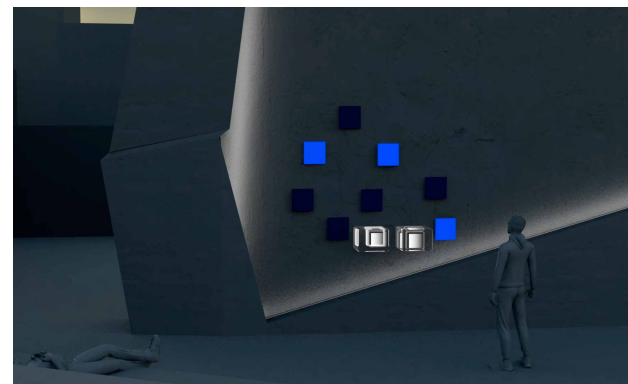
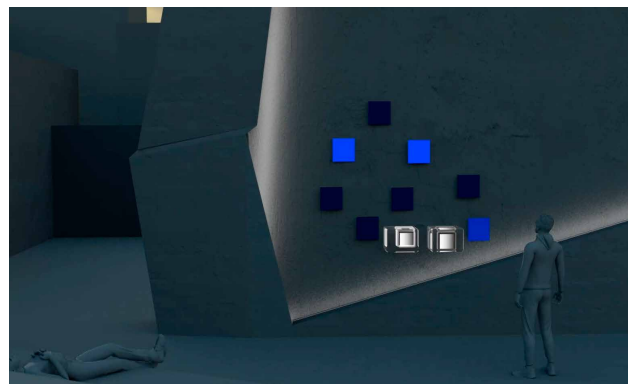
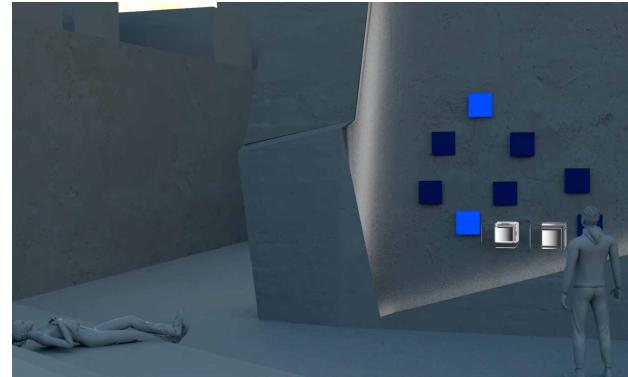
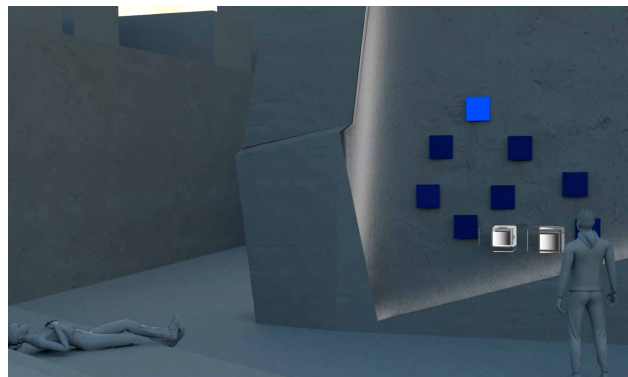
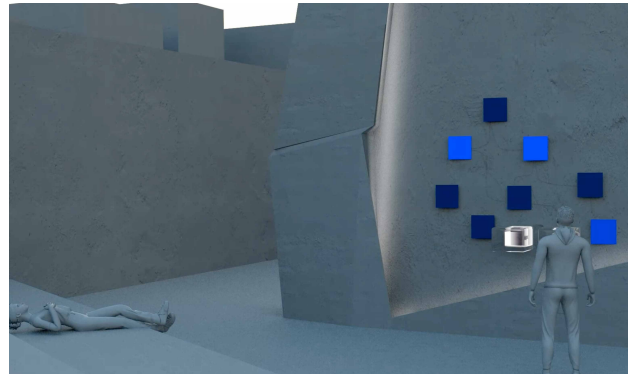
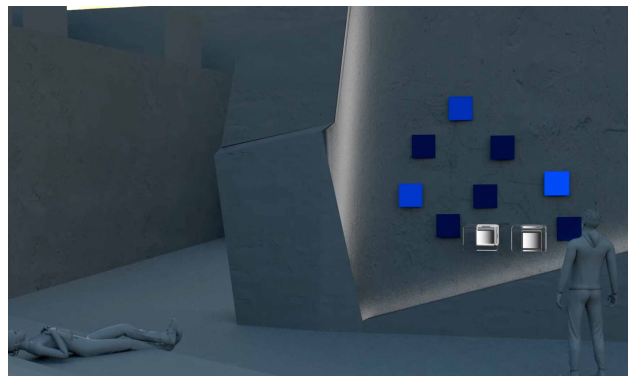
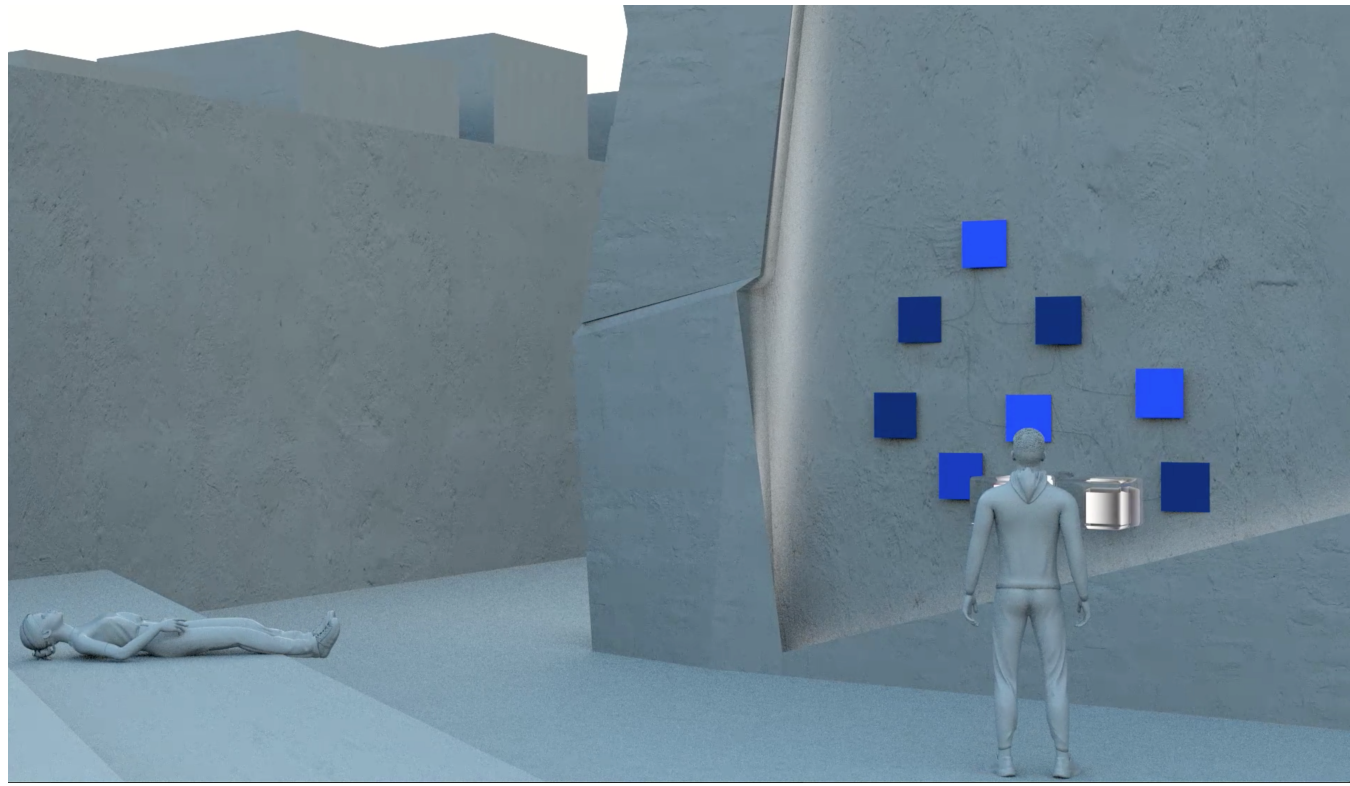
The Bela Board hidden under a layer of **fluorescent acrylic**.
The acrylic both hides, highlights and protects the fragile component within.
The edges carry light from the surface, allowing the part to be highlighted without the need for electricity.
Both the chaos of the rubble and the intention of placement are exhibited. Conflict and refinement.
At times the quality of the reflected light is different from its material counterpart.
Furthering the questioning the illusory nature of the experience.



The material properties of the acrylic causes it to cast reflected light into the debris that is often different from its primary colour characteristic. Here with have the interplay between violet and orange light.
The quality of these colours change constantly throughout the day, matching the random spontaneity of the ambient soundscape.
Light, colour, sound all is in flux.
As the space is interacted with all things become the source of this change.
An evolving reflection of beauty impermanence, and the interdependence of all things.









PLEASE SCAN FOR FINAL FILM



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GLOSSARY

Ab-grund (German) - Void

Aleatoricism - Actions made by chance.

Atman - The individual self.

Biogenesis (English) - Life comes from life.

Bodhisattva - Enlightened beings that have renounced Nirvana in order to aid in the enlightenment of others.

Brahman - Ultimate reality.

Dasein (German) - Being There.

Das Gerede (German) - The Chatter.

Dharmadhātu - The infiite universe of all phenomena. The space of all states. The nature of pure mind.

Dualism - The mind and body as separate ontological elements.

Eigentlichheit (German) - Authenticity

Geworfenheit (German) - Thrownness.

Gnōstikós (Greek) - Having knowledge.

Hermetica - Esoteric texts of wisdom. From 'Corpus Hermeticum' texts credited to Hermes Trismegistus.

Jianxing (Chinese) - jian "see, observe, meet with, perceive"; xing "(inborn) nature, character, quality" (wiki)

Karma (Pali) - The cumulative effects of action. Causal law determining future modes of existence.

Kenshō (Japanese) - Seeing one's true nature. Buddha Mind.

Moksha - Liberation from Samsara, the cycle of birth-death-rebirth.

Newton's Third Law - For every action there is an equal or opposite reaction,

Om or Aum - The crown shakra, the first resonant sound of life, the sound of absolute reality.

Omne (Latin) - Everything

Pantheistic - The divine in all things. Beyond all things. Beyond all time and space. Infinitely recurring.

Prajñā (Sanskrit) - Direct observation of Truth. Total Understanding. Perfected way of seeing.

Prakriti - The Physical Realm

Pratityasamutpada (Sanskrit) - Dependent Origination. All flows flow into another.

Purusha - The Source

Tat Tvam Asi (Sanskrit) – Thou Are That.

Tathātā (Sanskrit) - The indefinable nature of reality. Inexpressible in language.

Turiya - The union of Atman and Brahman. Final liberation from ego. Superconsciousness.

Tsukubai (Japanese) - Japanese water basin used for Absolution.

Sebil (Arabic) - Islamic water fountain used for Absolution.

Samadhi - The final stage. In preparation for Enlightenment, transcendence and unity with the Divine.

Samsara - The cyclical nature of being. The universe as a wheel. The transmutable energy of birth, death, rebirth.

Spirit - The vital principle that governs life.

Stochastic - Radomly Determined

Śūnyatā (Sanskrit) - Free from association and attachment. All things void of discrete meaning.

Syncretism - The union of several diverse schools of thought. An amalgamation.

Uneigentlichkeit (German) - Inauthenticity

Zazen (Japanese) - Connection to the Universe through posture. Oneness through posture.

Vitalism - or 'formative force'; the doctrine of life that states that life contains an immaterial force that cannot be explained purely through mechanistic terms.