topology

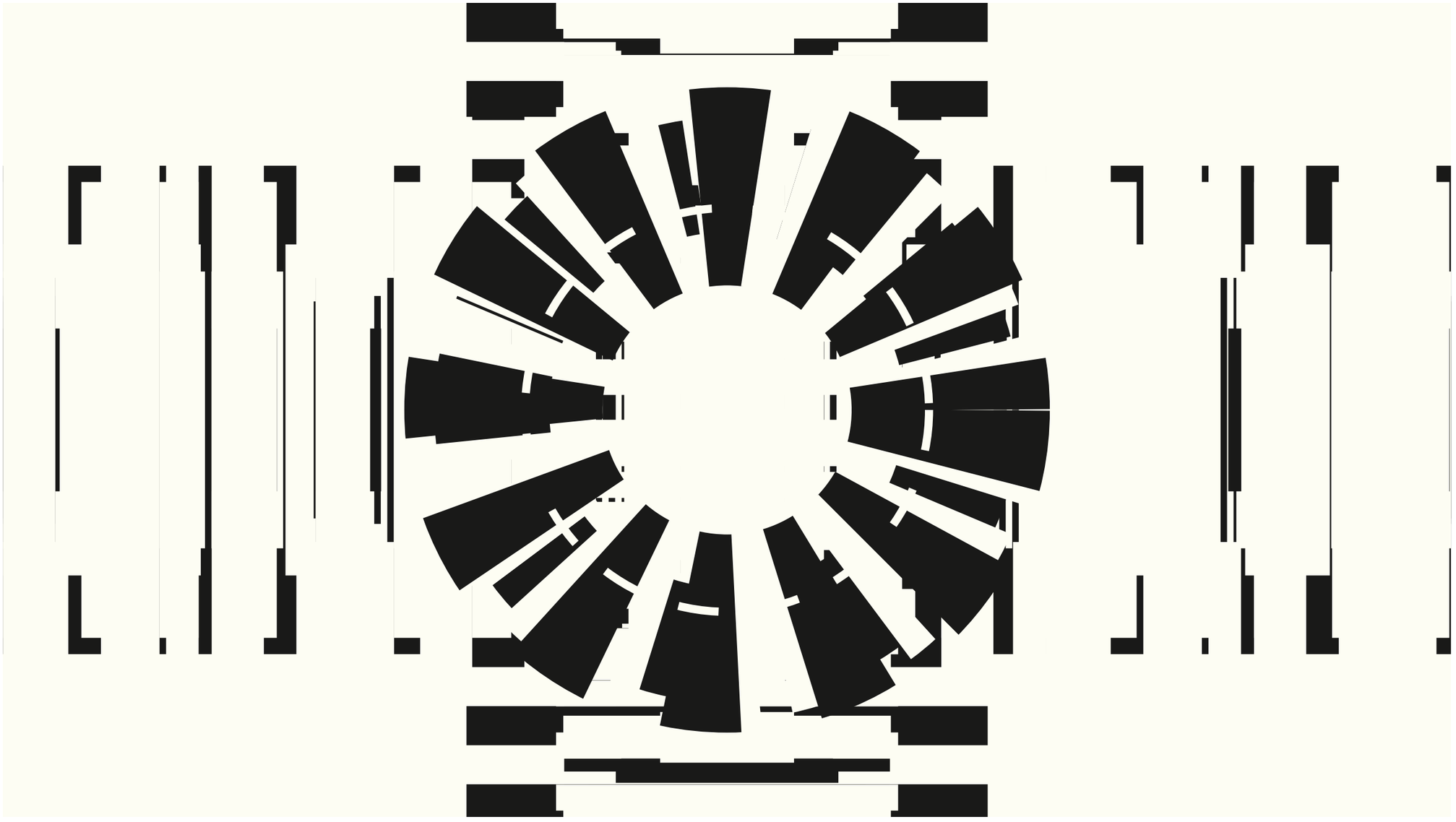
sketch ::: 1706410540490

mctavish

rewind

.|_ the repairman rider passenger lone bird _|.|.| grass blade dyke (our hero zero rider ze) ..-|| looked back |+|+_+ not again before #_#&=^ but before that long ago once upon a long away ||.|_ far away geologic layered canyon way back ^..|.| glacial pressed rock far back &_&|| urgent mission +0++_+ rescue resurrection |||&=^ artifact storage cave recording trace _|..|_ bones ..-|.| fossil tooth |+||| once again repeat again retie retry reweave again #_#+_+ a name uttered speak again ||&=^ reclaim restore ^...|_ rewind &_&|.| redeem +0+|| correct |||

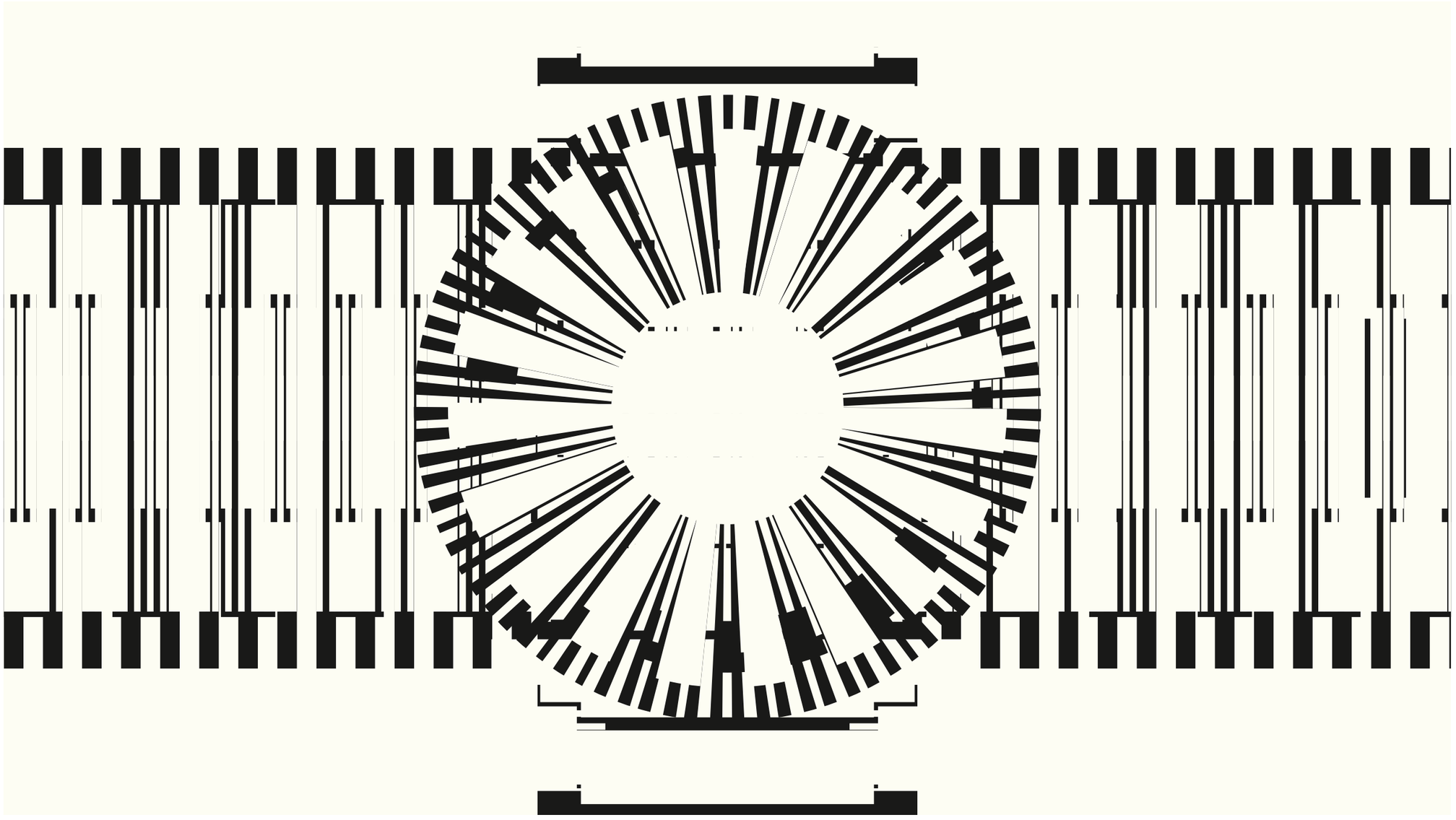
..|. shattered glass cadenza |..|



=>

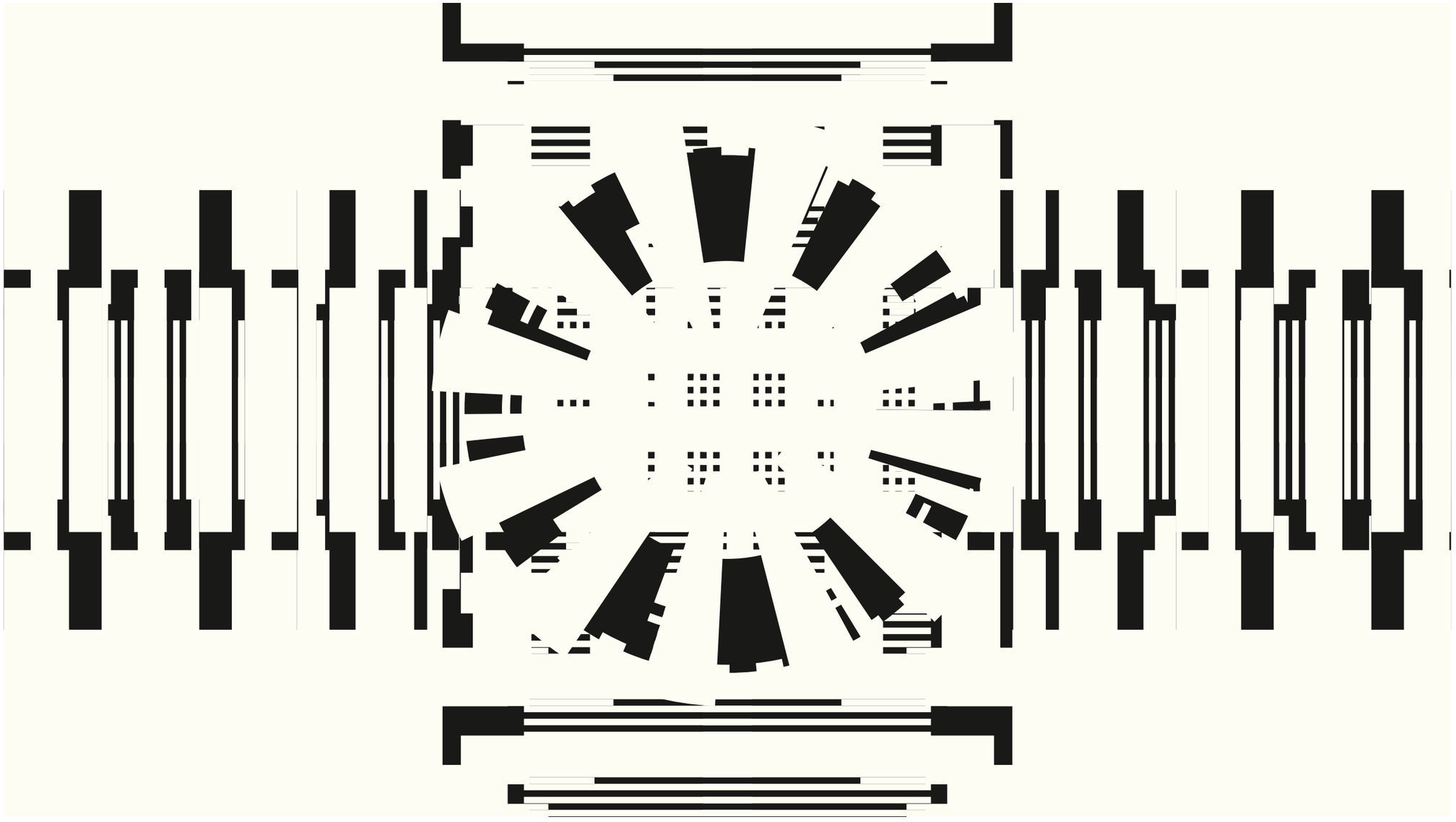
.|_ on that day that hour researcher _|.|.| lab-coat gatherer archive net bird memory ..-|| had the bird sing one last song |+|+_+ (carefully recorded) #_#&=^ after singing breathing trembling casting tonal net ||.|_ once last sweetly ^..|.| tender night remembered dawn &_&|| the bird the singer was then collected +0+ +_+ marked with capture date time label stamp |||&=^ vinyl voice specimen body bones feather cell lock drawer _|..|_ more precious for its absence last glimpse species culture ..-

..|. slender threshold beat => tone (frequency wave) |..||.| particle rhythm synthesis ..-|| sea matter light |+|+_+ redfield 1958 strange ratio #_#&=^ woven fabric green & ||..|. flight ^..|.| the bird sang one last song &_&|| bird singer song +0+ +_+ dated stamped labeled |||&=^ vinyl voice specimen body bones feather |..|..|. lock drawer archive ivy building room ..-



&

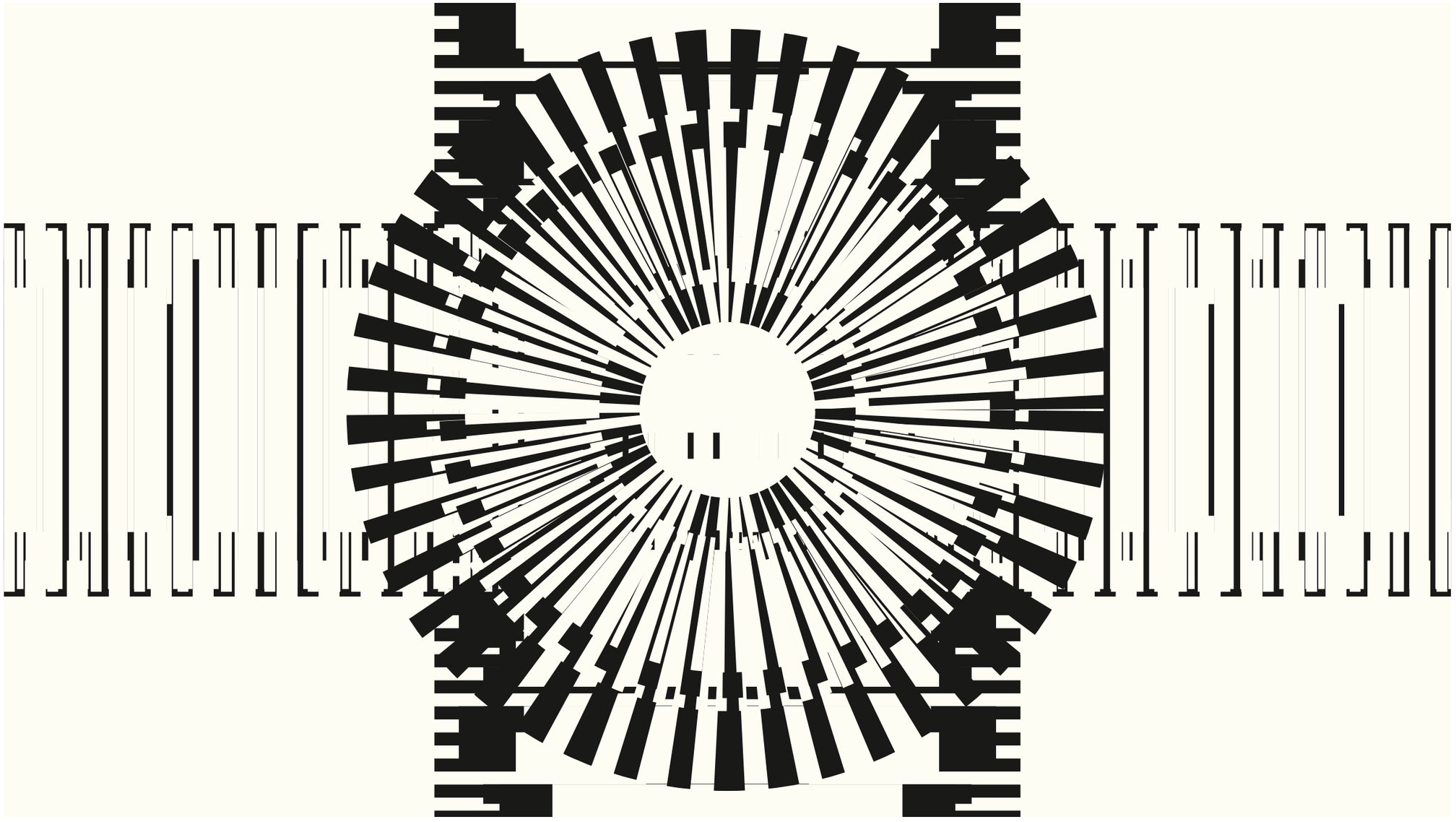
.|_ late summer day dusty strands of light _|.|.| taut against the very ether of air & day ..-|| particles stretched into waves cast from far away |+|+_+ circle orb fire dusty filaments tied against #_#&=^ strong limbs drawn nets from sky they pulled ||.|_ muscled down & in these nets these baskets they ^..|.| (the wiry reaching stalks) gathered invisible dinosaurs &_&|| their bones now atmospheric ghosts +0+_+ of all released dead matter sources of their gathering |||&=^ a hallelujah of photosynthetic abandon _|..|_ a transference a miracle accumulation a sink a ..-|.| grabbing & bending & forcing deep underground |+||| a conversion a reclamation a redemption #_#+_+ a deep cellar window of light ||



pivot

.|_ memory motel memory text textile knots _|.|.| memory prayer memory fair memory microscope ..-|| counted collected collated stored |+|+_+ clouds the cloud circuits wireless #_#&=^ electromagnetic flux & flow electron tubes & spark knots & tables columns & graphs ||.|_ syntax vowels & minerals rhythm transactions exchange ^..|.| elliptical pathways &_&|| orbits sea of memory navigation colliding waves +0+_+ across along coordinates path road |||&=^ vast space rope _|.

..|. re-listen record past voice wind grass bird |..||.| a re enactment an inhabitance embeddedness ..-|| past landscapes topologies geologies cellular matrix |+|+_+ diorama of exquisite detail alive stilled waiting silent #_#&=^ animate breathe illuminate turn the rusty gears wind the clock ||..|. alternating currents push zero pull rise level fall accelerate ^..|.| pivot turn tangents of rest inflections &_&|| oars a boat receiver transmission +0+_+ copper wire & air release the signal like icarus to sky |||&=^ earth surface invisible tracks |..|..|. 1906 triode tube (last voice) ..-|.| sensitive receiver ::: electromagnetic waves |+||| ocean of chatter information signals beats sound #_#+_+ modulate frequencies cathode ray relay amplify ||&=^ resonate signal expansion dial tune voice ^....|. spider silk taut web spinning affixed to slender stalk &_&|.| root stem leaves flowerhead +0+|| culm (blade & sheath) inflorescent splendor |||



reduction

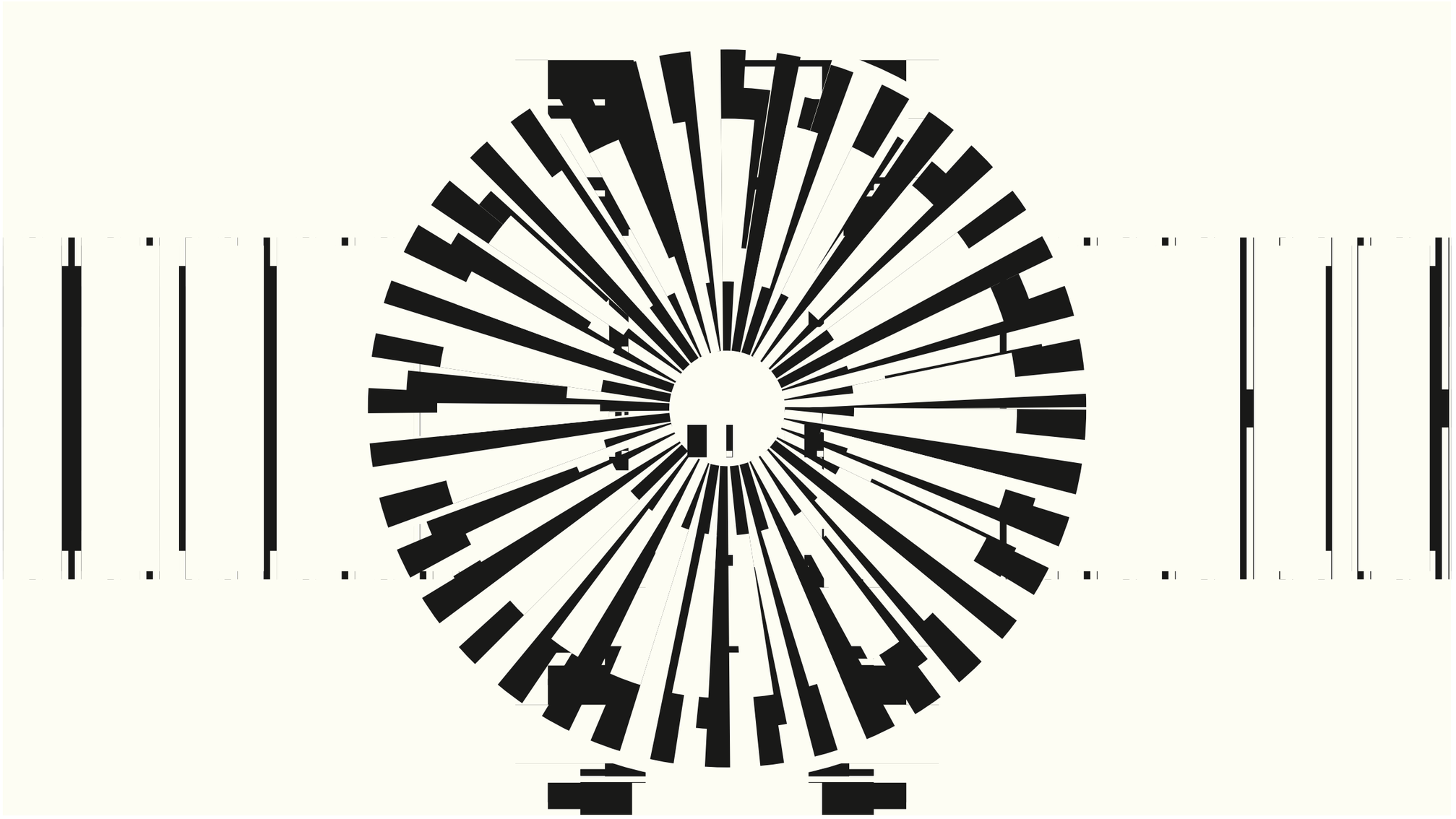
.|_ layers of heaven _|.|.| cardinalities ..-|| threshold probabilities |+|+_+ levels of possible quantum #_#&=^ paths ||.|_ knots ^..|.| countable &_&

..|. a lattice lash tied taut |..|

.|_ between zero & one _|.|.| infinity ..-|| countable rational salt & pepper mesh |+|+_+ or an uncountable irrational sea #_#&=^ unbroken surface ||.|_ lifetime & extinction ^..

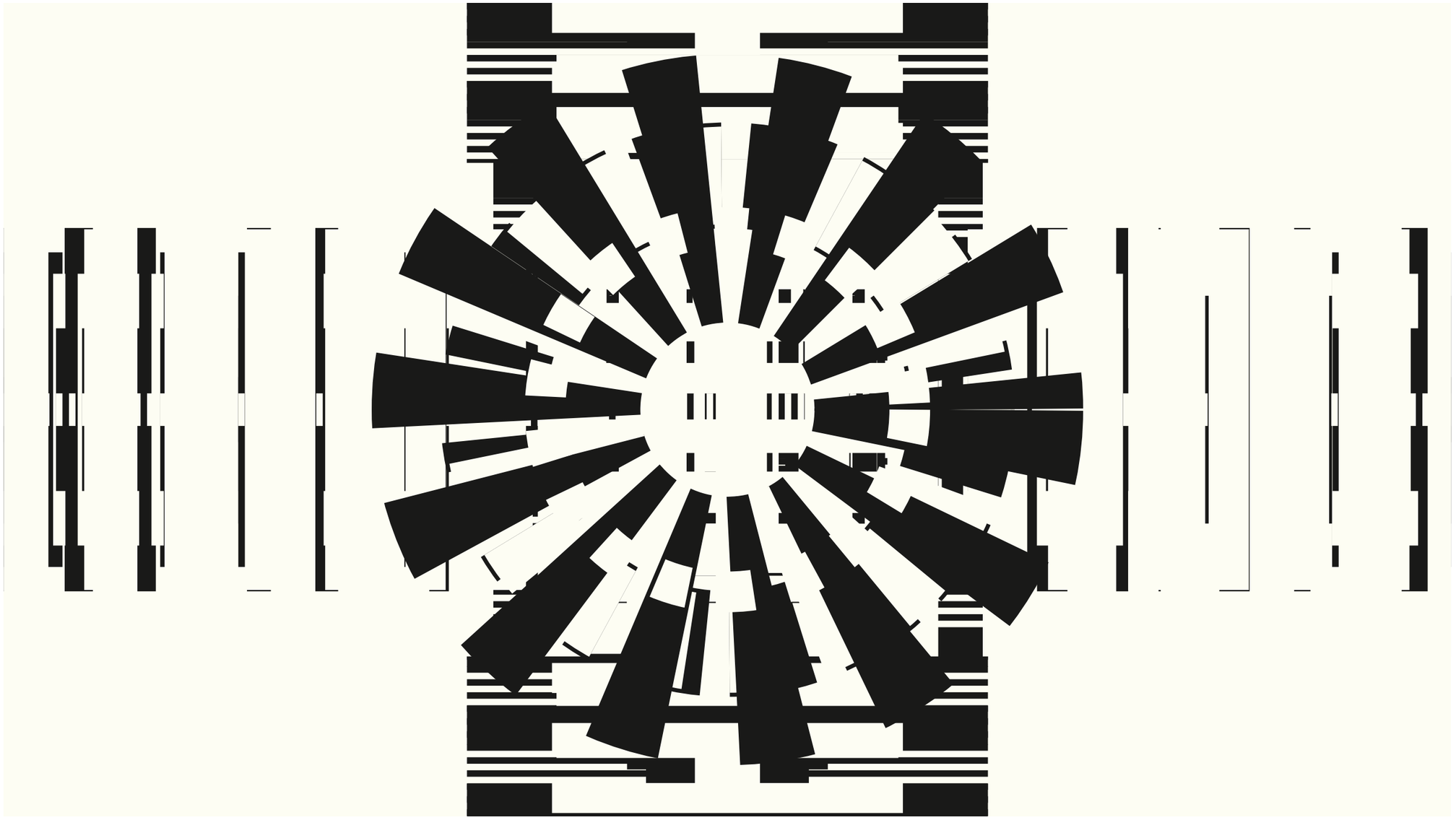
..|. angels birds grassland constellation |..|

.|_ seemingly infinite => countable _|.|.| 2 (not many) ..-|| 1 (one => zero) |+|+_+ abstraction reduction #_#&=^ trace contour ||.|_ subtraction ^..|.| collapse &_&|| absence +0++_+ zero |||&=^ ghosts _|.



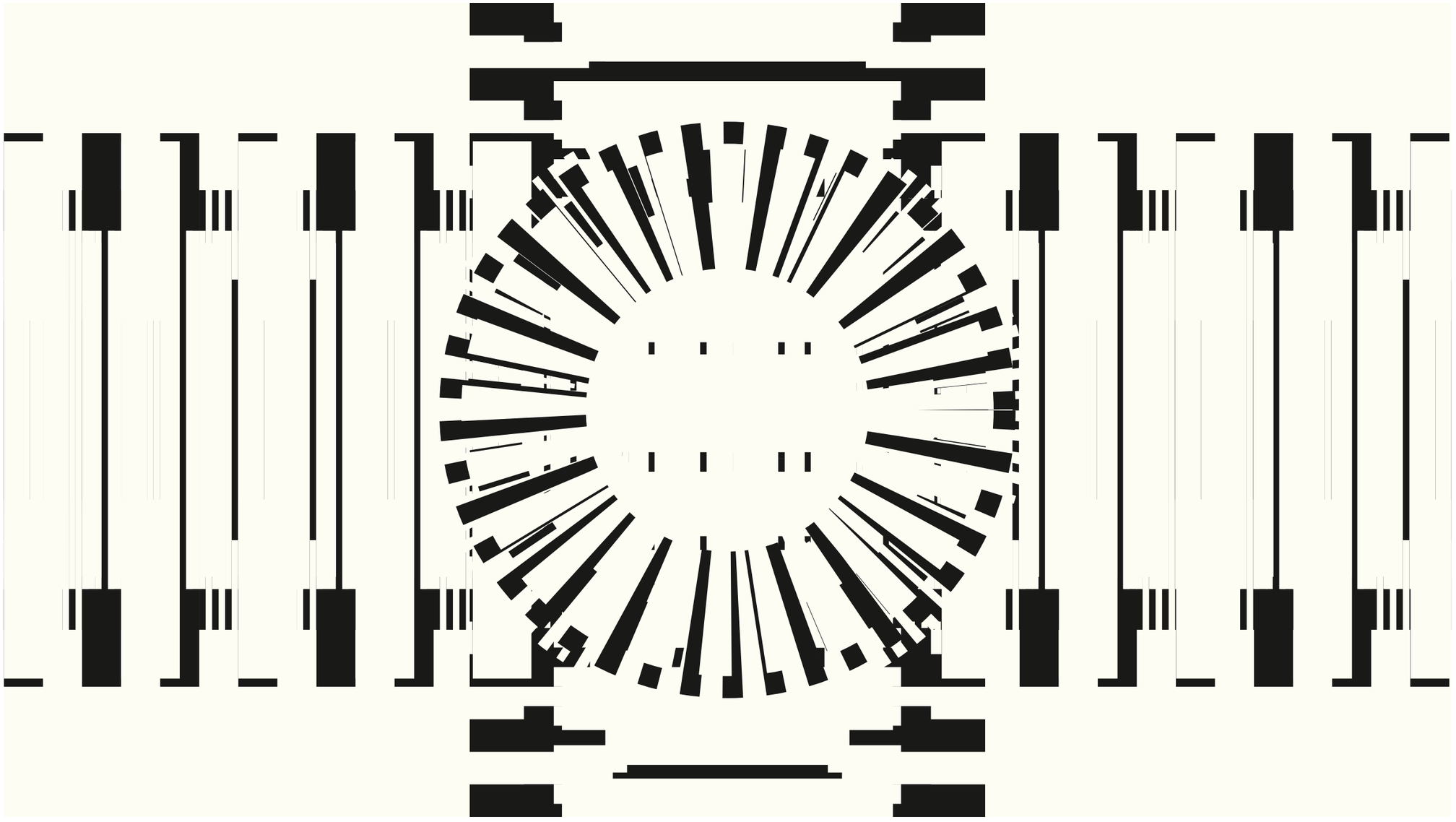
gear

```
.|_ industry(!) _|.

..|. stop gear |..||.| backspace ..-

.|_ particle wave oscilloscope _|.|.| rhythm beats tonal frame measure arc ..-

..|. sanctify |..||.| dance score action plan ..-|| syntax grammar punctuate |+|+_+
formula method outline theorem proof #_#&=^ silver set of slides ||..|. count map
pulse ^..|.| particles of speech &_&|| observe measure metric record journal data
log +0++_+ structure filter draw blueprint box |||&=^ cell lattice web net moth
flame |..|..|. formula physics flow heat ..-|.| electric gear locomotion
transformation |+||| fold reduce fix mend undo redo sew sow #_#+_+ archive find
search echo ||&=^ resonate release ^..
```



expenditure

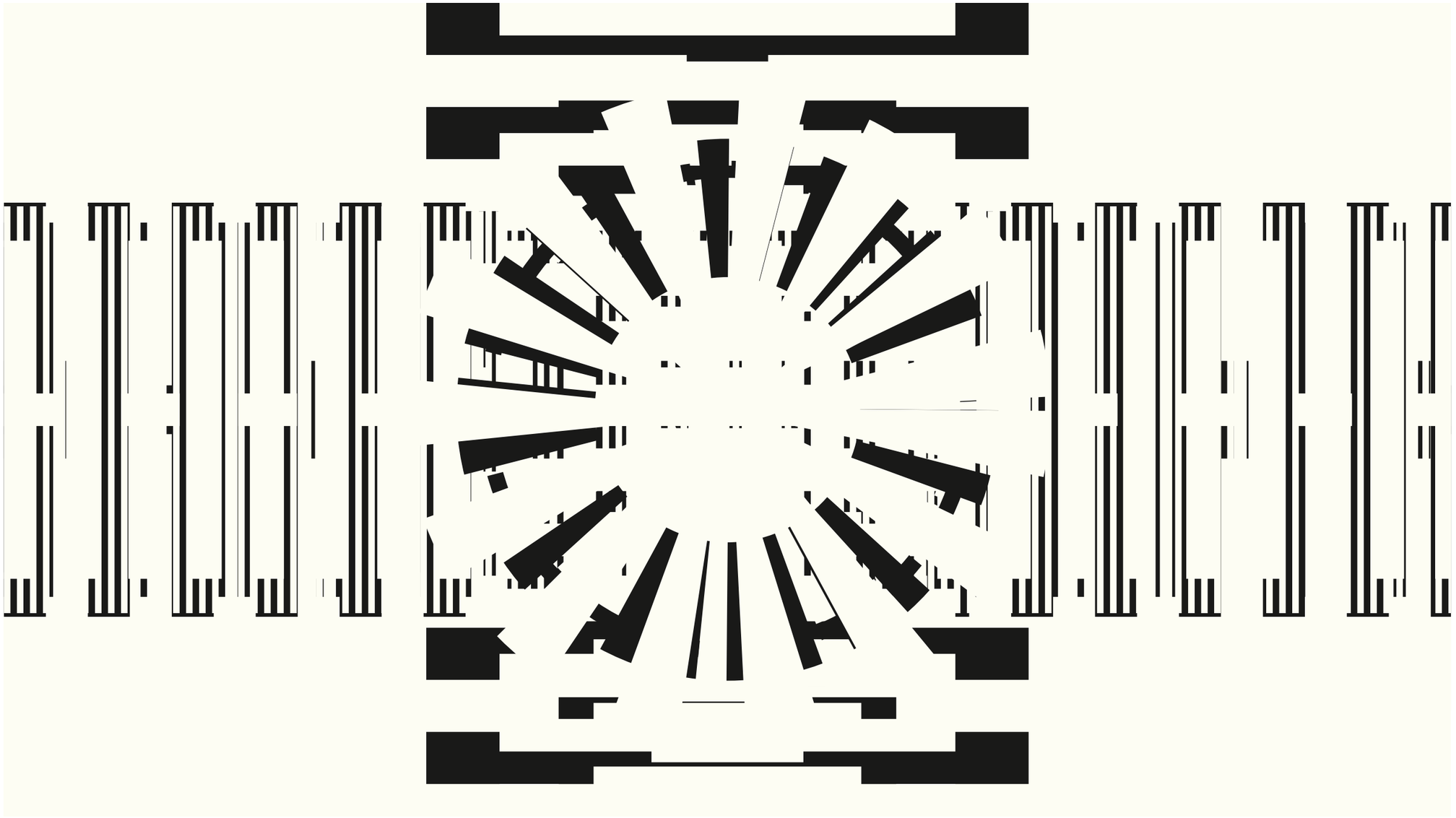
.|_ physical laws governing theorems systems form & function _|.|.| n-body species interaction multi lingual multi scale stoichiometric ..-|| molecular spectral choral networks |+|+_+ multiple frame rates multiple scales projections synchronized moments colliding #_#&=^ separating departures arrivals hydrology of energy & material & landscape & time (clocks) ||.|_ meeting at a time at a table in a cafe in a town on a specific day ^..|.| a moment specific coordinates &_&|| exchange of goods voyage of goods transference encounter +0+_+ chance the niche habitat fractal niche |||&=^ harmonic series resonating sympathetic vibrating stable tonal isotopic _|..|_ ladders chutes pipes circuits ..-|.| currencies carbon nitrogen phosphorous rain |+||| ladders pipes circuits energetic exchange system currency commerce #_#+_+ transformation conversion manufacture of material information transmitted ||&=^ synthesis of data production efficiency nutrient use economy ^...|_ intelligence craft gears assembly pipelines factories blueprint &_&|.| conservation of energy expenditure of energy conflagration carbon +0+|| coal bones oil organics drilled excavated broken harnessed released |||



re

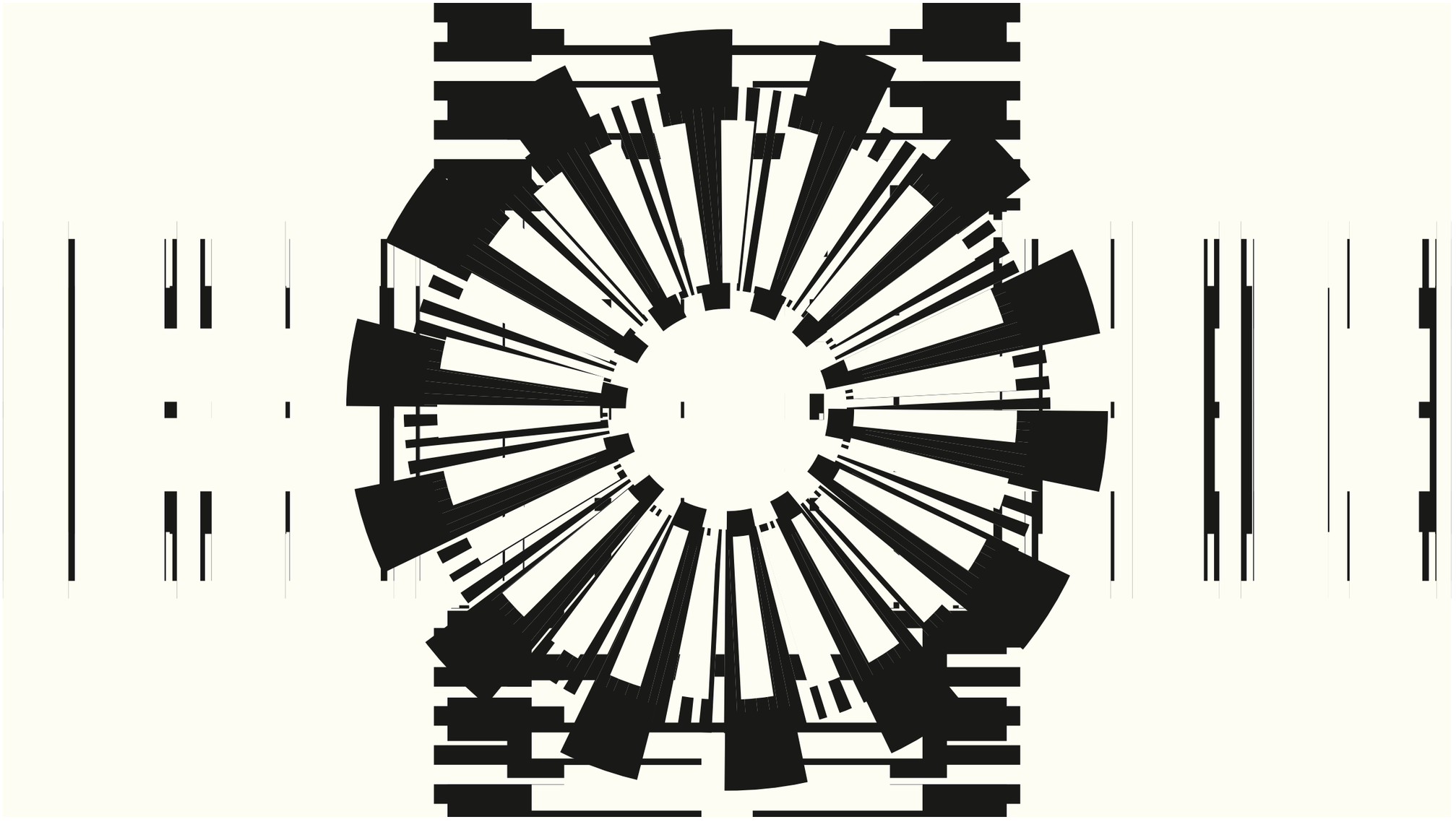
.|_ memory motel memory text textile knots _|.|.| memory prayer memory fair memory microscope ..-|| counted collected collated stored |+|+_+ clouds the cloud circuits wireless #_#&=^ electromagnetic flux & flow electron tubes & spark knots & tables columns & graphs ||.|_ syntax vowels & minerals rhythm transactions exchange ^..|.| elliptical pathways &_&|| orbits sea of memory navigation colliding waves +0+_+ across along coordinates path road |||&=^ vast space rope _|.

..|. re-listen record past voice wind grass bird |..||.| a re enactment an inhabitance embeddedness ..-|| past landscapes topologies geologies cellular matrix |+|+_+ diorama of exquisite detail alive stilled waiting silent #_#&=^ animate breathe illuminate turn the rusty gears wind the clock ||..|. alternating currents push zero pull rise level fall accelerate ^..|.| pivot turn tangents of rest inflections &_&|| oars a boat receiver transmission +0+_+ copper wire & air release the signal like icarus to sky |||&=^ earth surface invisible tracks |..|..|. 1906 triode tube (last voice) ..-|.| sensitive receiver ::: electromagnetic waves |+||| ocean of chatter information signals beats sound #_#+_+ modulate frequencies cathode ray relay amplify ||&=^ resonate signal expansion dial tune voice ^....|. spider silk taut web spinning affixed to slender stalk &_&|.| root stem leaves flowerhead +0+|| culm (blade & sheath) inflorescent splendor |||



nutrient

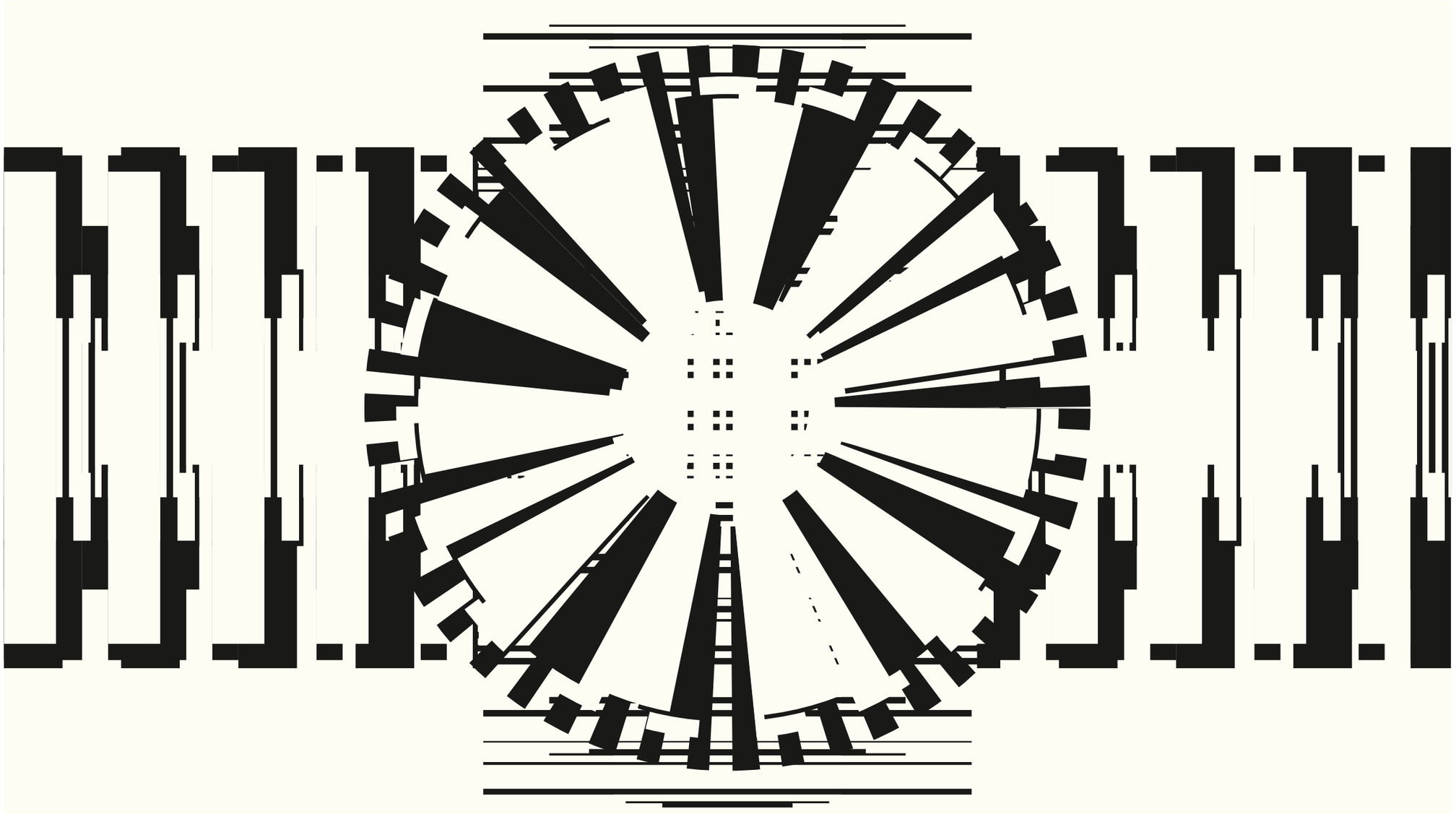
.|_ how is this night different from all other nights? _|.|.| short trophic chains ..-|| webs constrained |+|+_+ nutrient enrichment enigma #_#&=^ nutrient paradox nutrient cage bind limit ||.|_ stable state dream fragile balance ^..|.| weather heat rain flood fire &_&|| orbit cycle chaos +0+_+ hydrogen oxygen ::: so hard to fuse |||&=^ weld spark twist _|..|_ ecosystem metrics gears & struts ..-|.| evolution adaptation |+||| form(s) of change #_#



passenger

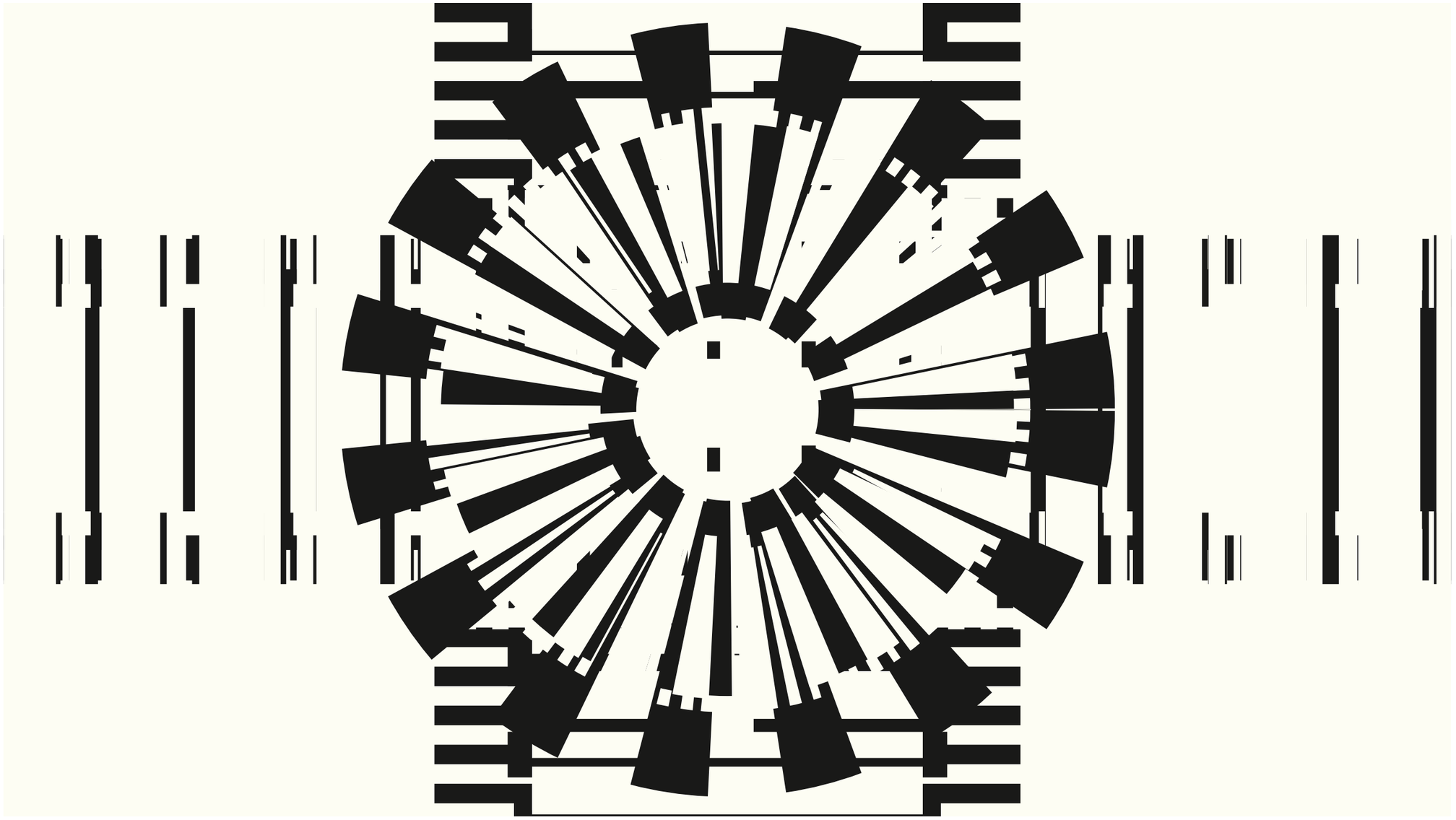
.|_ the repairman rider passenger lone bird _|.|.| grass blade dyke (our hero zero rider ze) ..-|| looked back |+|+_+ not again before #_#&=^ but before that long ago once upon a long away ||.|_ far away geologic layered canyon way back ^..|.| glacial pressed rock far back &_&|| urgent mission +0++_+ rescue resurrection |||&=^ artifact storage cave recording trace _|..|_ bones ..-|.| fossil tooth |+||| once again repeat again retie retry reweave again #_#+_+ a name uttered speak again ||&=^ reclaim restore ^...|_ rewind &_&|.| redeem +0+|| correct |||

..|. shattered glass cadenza |..|



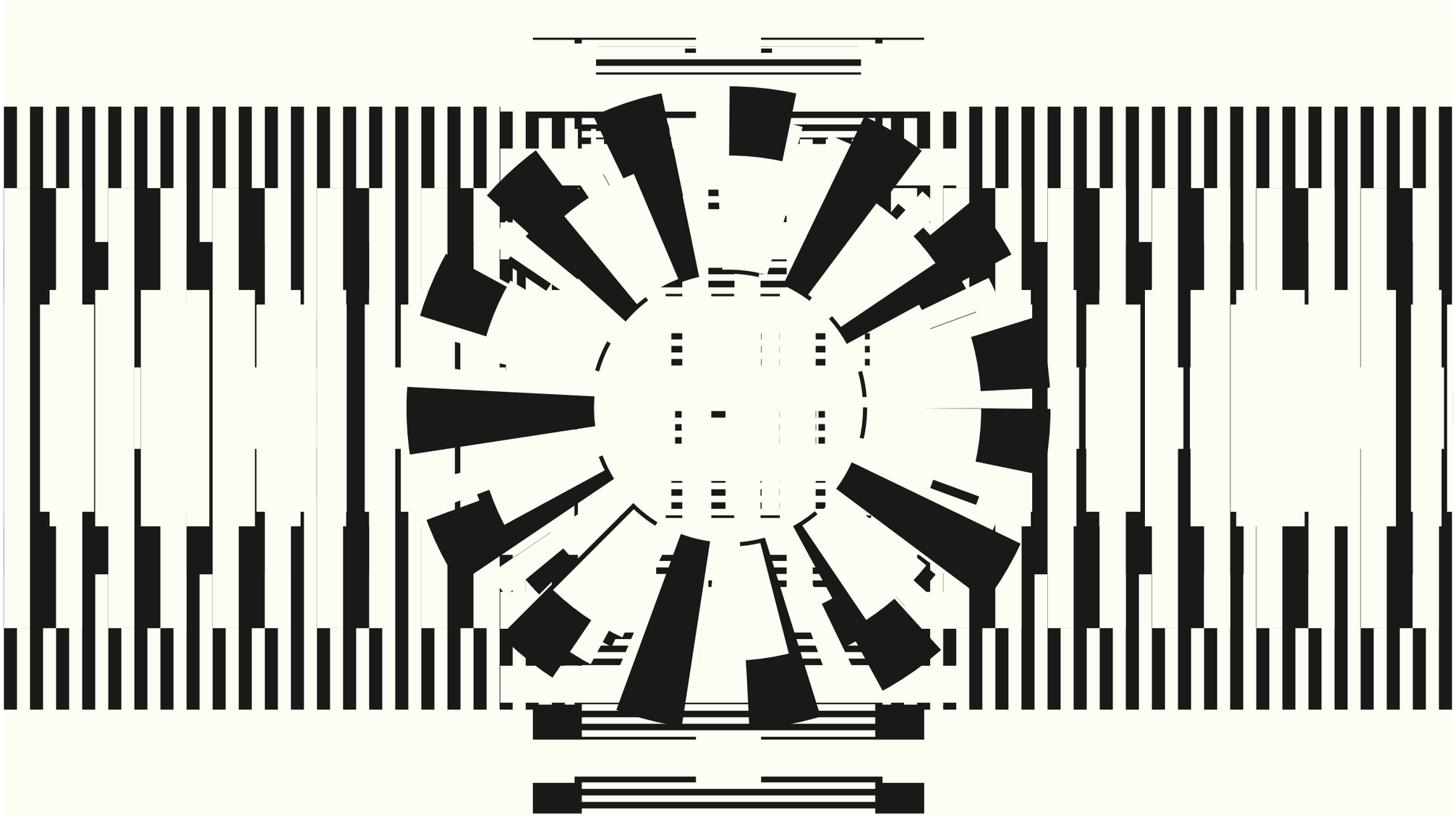
flow

.|_ why is this night this day this hour this moment different from all others? _|.|.| stable state equilibrium ..-|| mirage |+|+_+ set of gears & struts #_#&=^ form change adaptations ||.|_ choreography mathematics theorems ^..|.| natural law physics stars &_&|| tonal signature nutrient profile +0+|+_+ language alphabets symbols |||&=^ drawing cave drawing sky drawing skull _|..|_ flux flow rise ..-|.| difficult to capture |+||| carbon currency #_#+_+ mineral constraint ||&=^ trophic level ^...|_ efficiency &_&|.| short ladder +0+|| polyphony topology |||+_+ C N P basis vectors _|.&=^ weather ..-.|_ tides light plow |+||.| poison shattered #_#|| maps fractured ||+_+ space faster ^..&=^ time spinning &_&.|_ gears +0+



adaptation

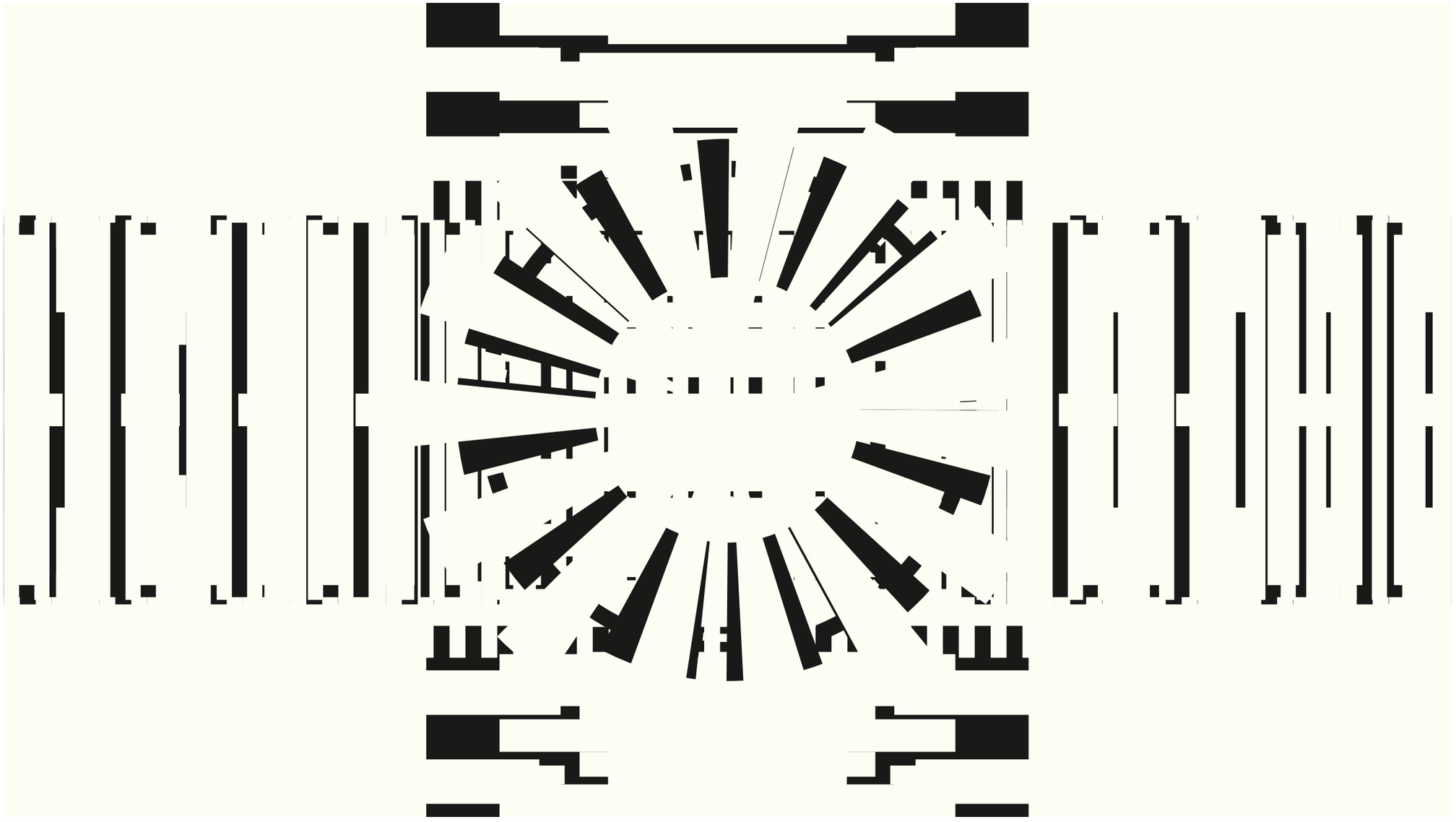
.|_ how is this night different from all other nights? _|.|.| short trophic chains ..-|| webs constrained |+|+_+ nutrient enrichment enigma #_#&=^ nutrient paradox nutrient cage bind limit ||.|_ stable state dream fragile balance ^..|.| weather heat rain flood fire &_&|| orbit cycle chaos +0+_+ hydrogen oxygen ::: so hard to fuse |||&=^ weld spark twist _|..|_ ecosystem metrics gears & struts ..-|.| evolution adaptation |+||| form(s) of change #_#



traveler

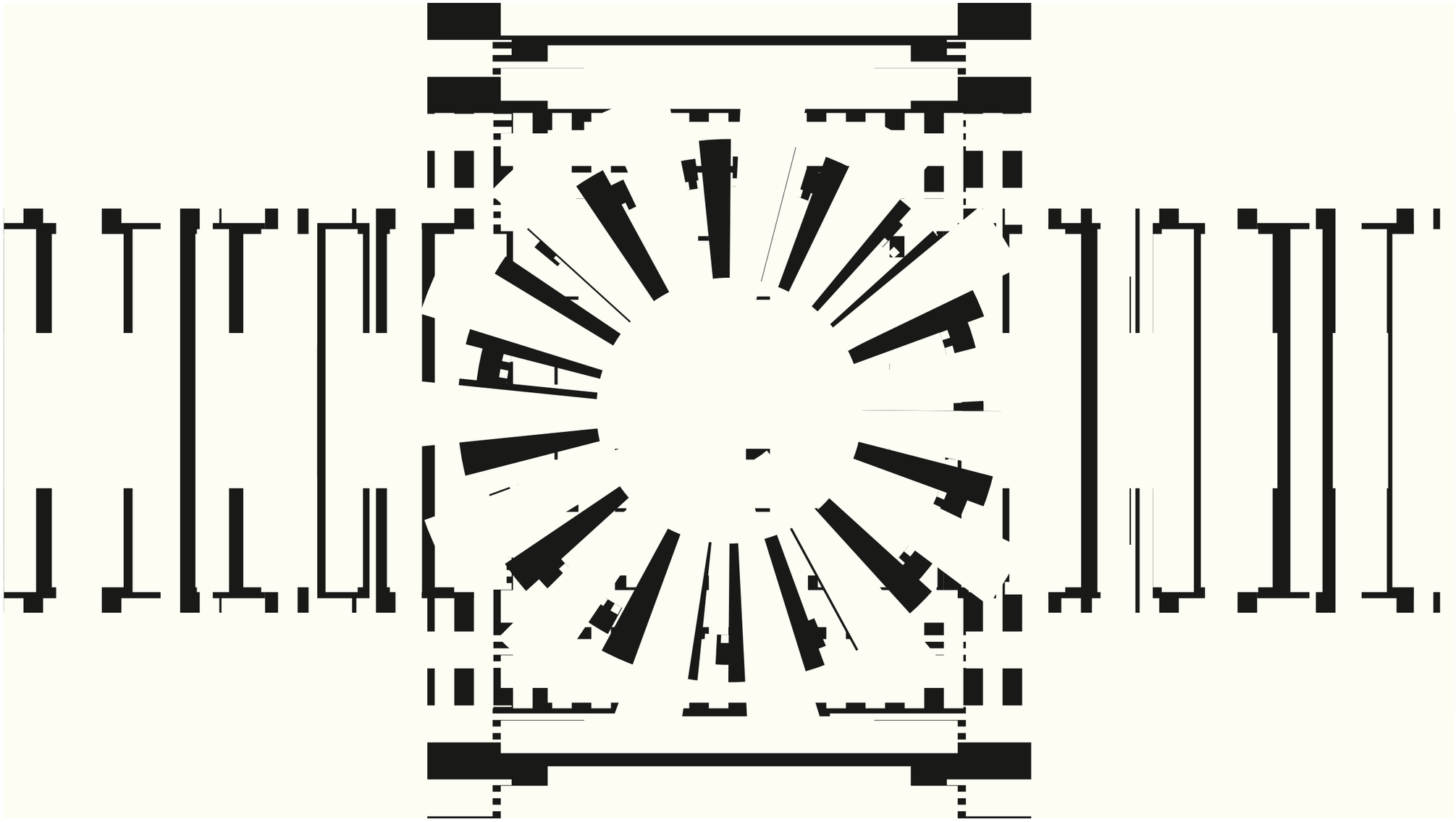
.|_ it was like this every morning _|.|.| every night ..-|| every afternoon |+|+_+ every hour every day every particle every sweep #_#&=^ of hand every nuclear click digital + & ||.|_ watches for sale for locomotion ^..|.| for steam oil coal crash &_&

..|. knapsack traveler nomad grazer quest pollinator pathways routes |..||.| corridors migrations disrupted interrupted poisoned clock stop last page ..-|| extinction countable few zero gone |+|+_+ fragmentation no chute no ladder no path no way through over under #_#&=^ bridge collapsed railway fallen circuit broken echo dulled ||..|. tape erased ^..|.| invisible map red-sky morning red mourning red warning &_&|| self assembly +0+_+ the art of |||&=^ steering listening |..|..|. reception feedback ..-|.| fluidity response |+||| count back count back #_#+_+ systems cognition circuits learning emergence flux flow ||&=^ code embedded deep in cell in memory in twisted strands an alphabet a code ^..



tackle

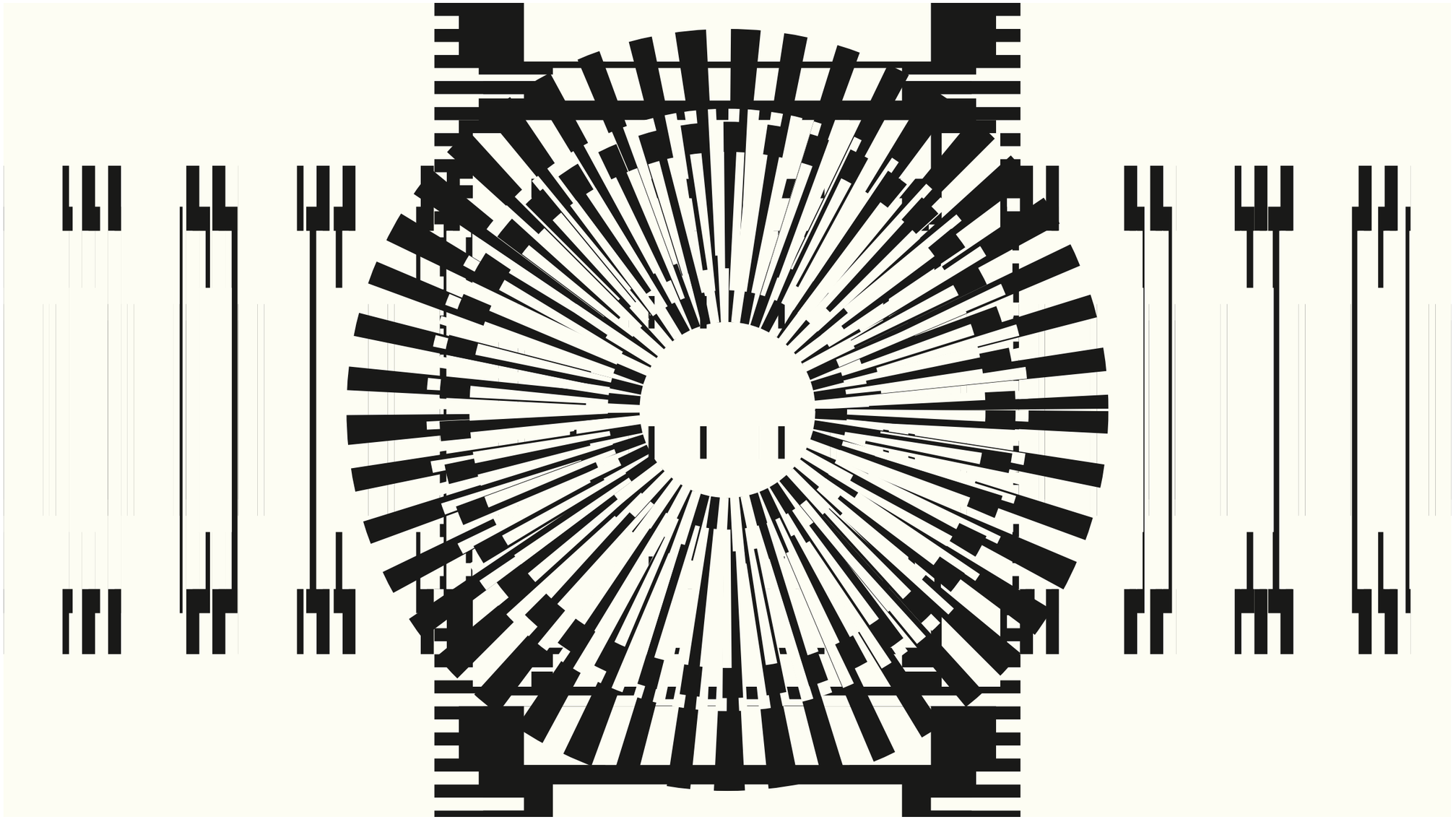
.|_ goal ::: a net for capture seismograph of wind knowledge graphs monads _|.|.|
cybernetics books boat numerical recipes algorithms formulas dictionaries ..-||
structures grammar syntax dynamics choreographies |+|+_+ configurations changes
chord progressions #_#&=^ harmonic sets heterotrophs producers fungal nutrient pools
||.|_ weather self-organizing clockworks ^..|.| a computing machine gears the mail a
cloth &_&|| checkerboard abacus a network of relations +0+_+ attracting orbit
counting mapping computing |||&=^ navigation a compass the ocean _|..|_ a sailor
ropes & tackle wind & helm ..-



every

.|_ it was like this every morning _|.|.| every night ..-|| every afternoon |+|+_+ every hour every day every particle every sweep #_#&=^ of hand every nuclear click digital + & ||.|_ watches for sale for locomotion ^..|.| for steam oil coal crash &_&

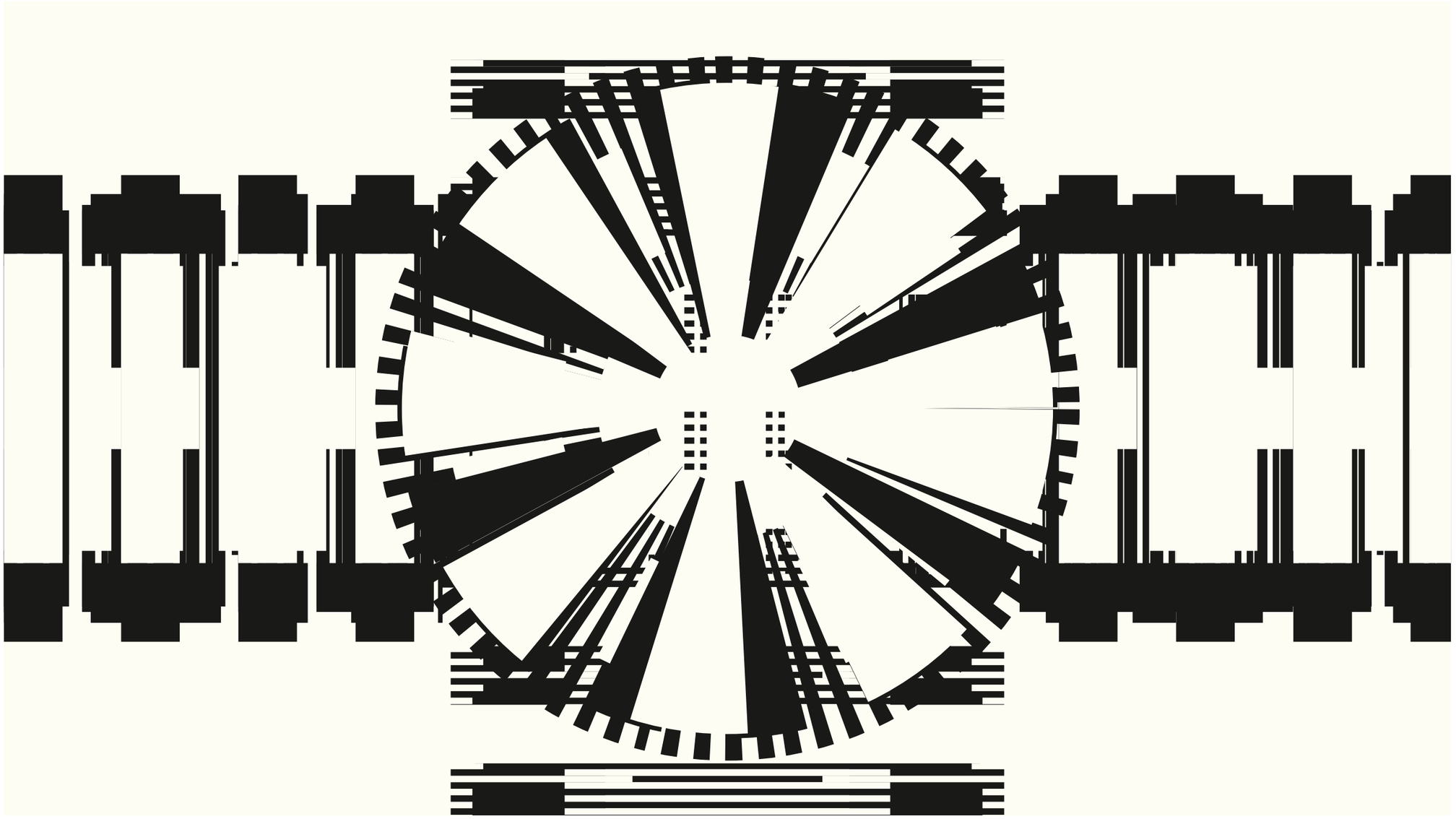
..|. knapsack traveler nomad grazer quest pollinator pathways routes |..||.| corridors migrations disrupted interrupted poisoned clock stop last page ..-|| extinction countable few zero gone |+|+_+ fragmentation no chute no ladder no path no way through over under #_#&=^ bridge collapsed railway fallen circuit broken echo dulled ||..|. tape erased ^..|.| invisible map red-sky morning red mourning red warning &_&|| self assembly +0+_+ the art of |||&=^ steering listening |..|..|. reception feedback ..-|.| fluidity response |+||| count back count back #_#+_+ systems cognition circuits learning emergence flux flow ||&=^ code embedded deep in cell in memory in twisted strands an alphabet a code ^..



receiver

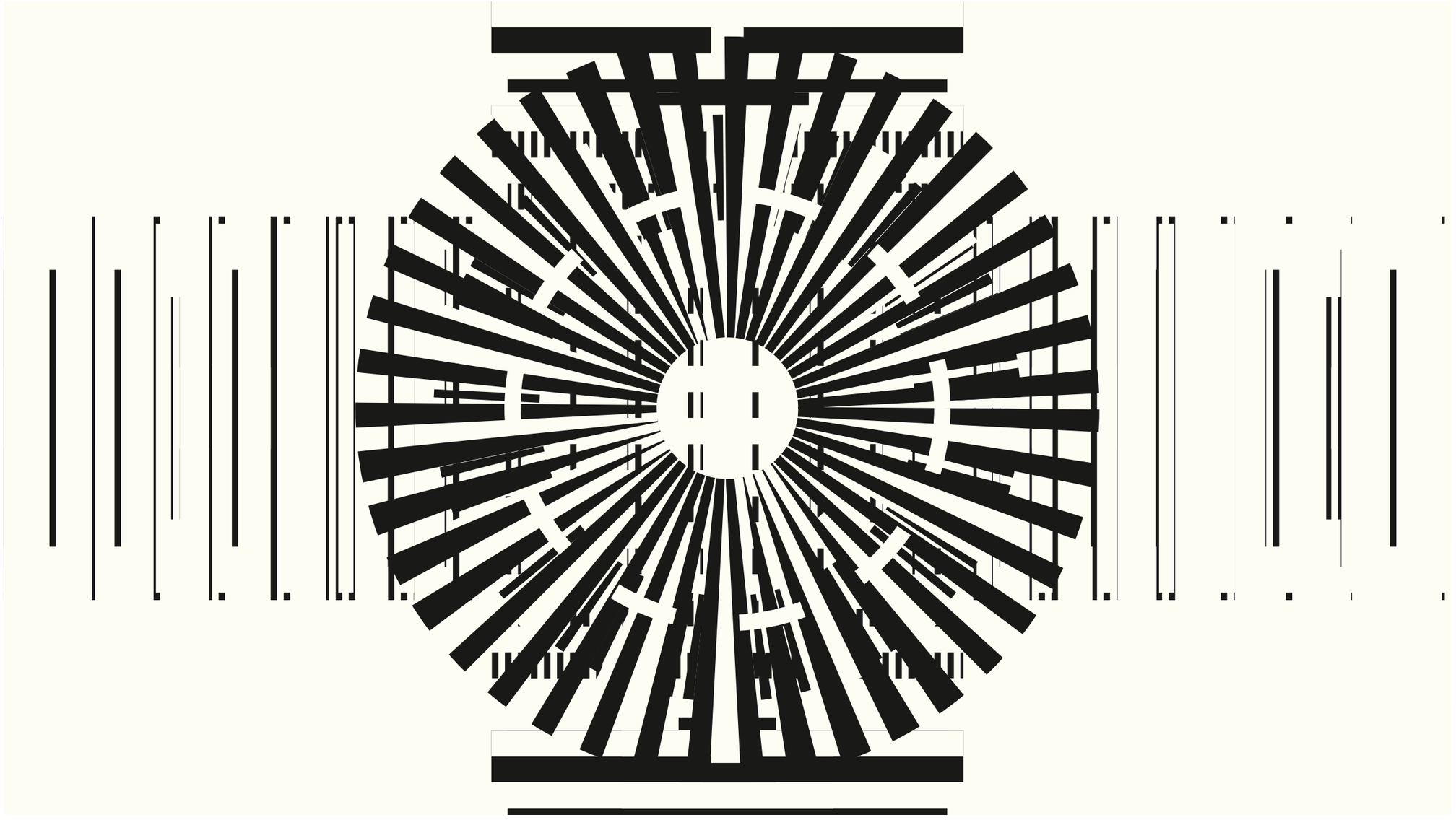
.|_ receiver net web electron field short wave thatch _|.|.| wireless signal code ..-|| number station urgent message |+|+_+ change of course #_#&=^ turn back the clock (re)do (red)o stop the gears ||.|_ throw the switch ^..|.| turn the helm the wheel the tide the orbit &_&|| mend restart retrain reboard rewire +0+_+ electrify set in motion |||&=^ animate & breathe _|.

..|. once again repeat again retie retry reweave again |..||.| a name uttered speak again ..-|| reclaim restore correct |+|



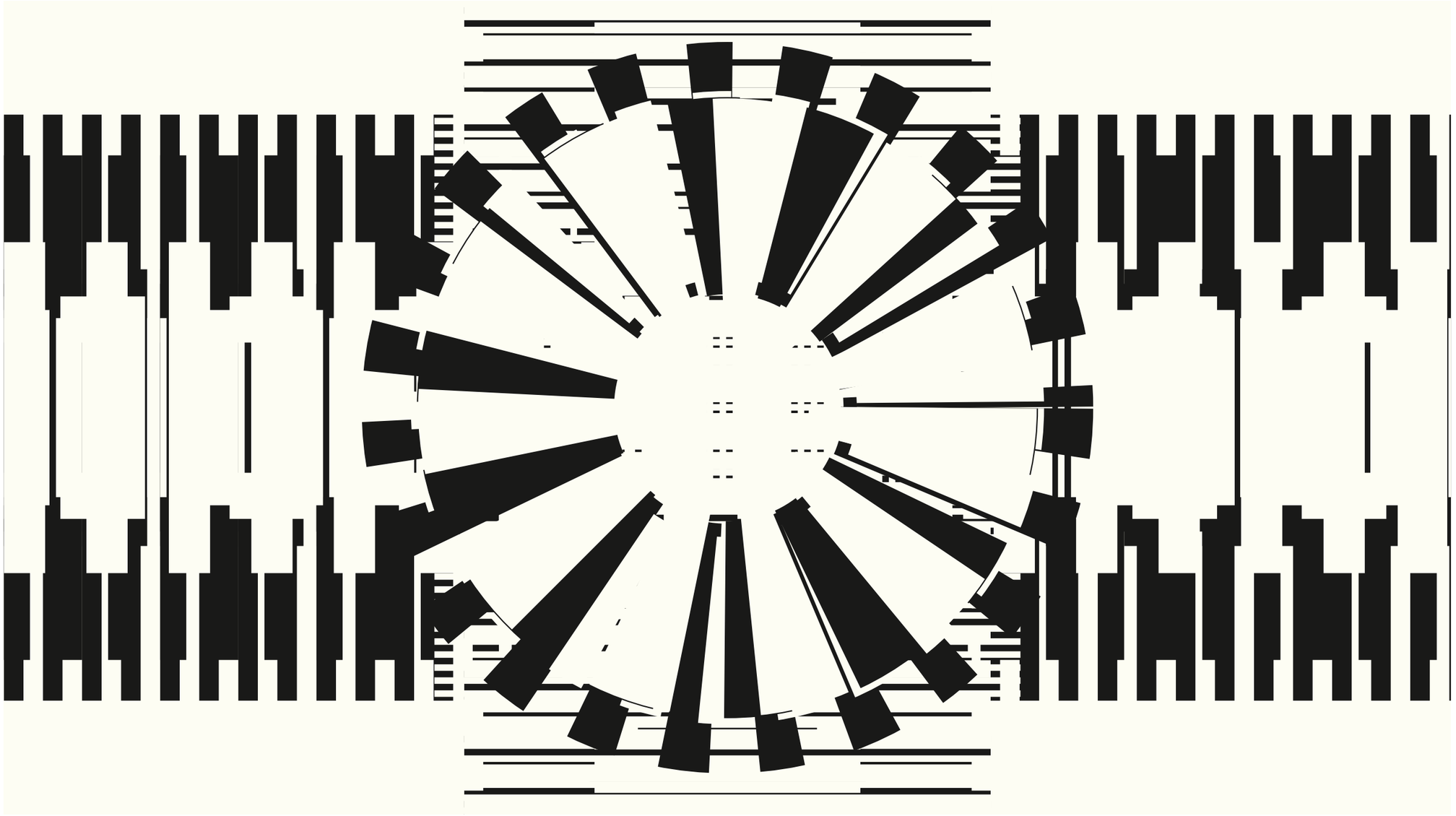
data

```
.|_ fact ::: hyperspace _|.|.| a cube an axe ..-|| enter retrieve deliver swift
|+|+_+ data knowledge reconstruct #_#&=^ reach link traverse ||.|_ node to node
abandon ^..

..|. latch hinge |..||.| door subway turnstile entrance arrow ..-|| knot connection
not reversal |+|+_+ subject verb object stop #_#

.|_ food web vertex _|.|.| consume / uptake / feed / decay ..-|| pool to pool
transmission |+|+_+ mycorrhiza fungus root #_#&=^ stoichiometric filter map ||

..|. collision confluence fusion |..||.| dissonant echo ripple ..-|| fission waves
|+|+_+ node to node connection #_#&=^ reified to predicate ||..|. a measurement
^..|.| unveiled revealed made plain &_&
```



plan

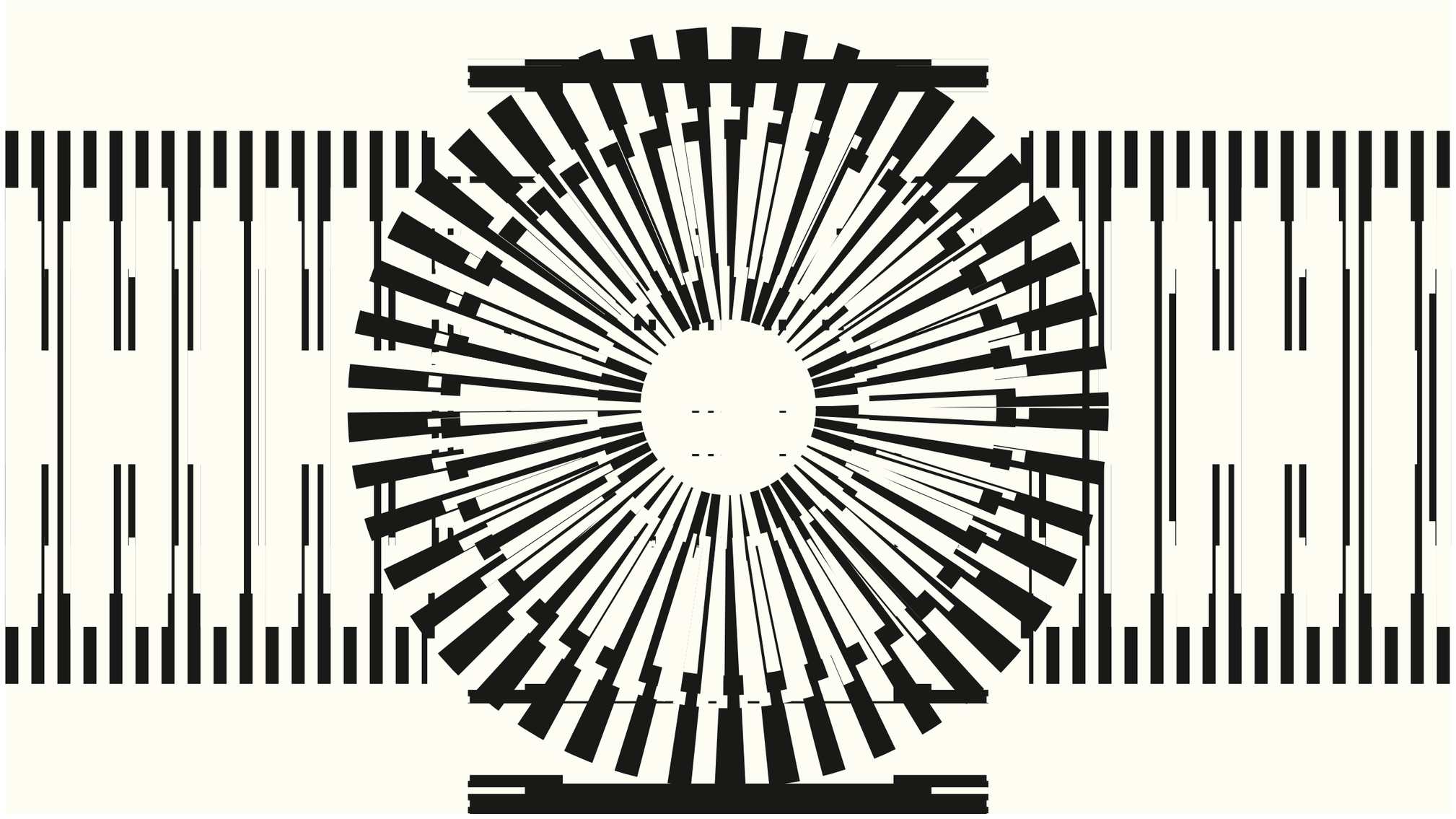
```
.|_ industry(!) _|.

..|. stop gear |..||.| backspace ..-

.|_ particle wave oscilloscope _|.|.| rhythm beats tonal frame measure arc ..-

..|. sanctify |..||.| dance score action plan ..-|| syntax grammar punctuate |+|+_+
formula method outline theorem proof #_#&=^ silver set of slides ||..|. count map
pulse ^..|.| particles of speech &_&|| observe measure metric record journal data
log +0++_+ structure filter draw blueprint box |||&=^ cell lattice web net moth
flame |..|..|. formula physics flow heat ..-|.| electric gear locomotion
transformation |+||| fold reduce fix mend undo redo sew sow #_#+_+ archive find
search echo ||&=^ resonate release ^..
```



pulse

.|_ skull telescope _|.|.| recorded playback frame ..-|| incomplete phonetics |+|+_+ extinct past taxon gap #_#&=^ cipher thrivance teeming whole ||.|_ an awkward re assemblance ^..|.| blank missing vertex node &_&|| absent click track metrics scale & score +0+

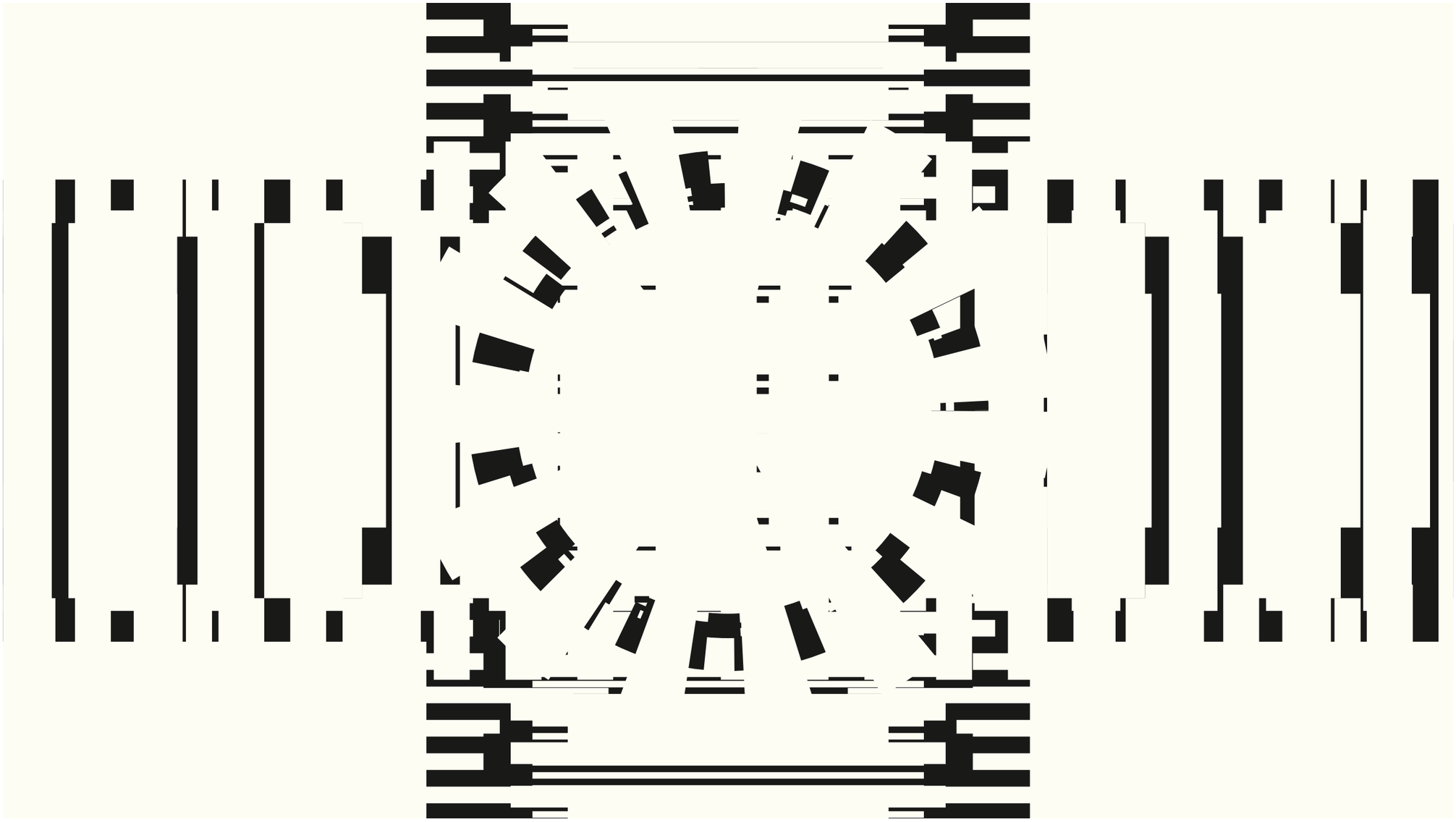
..|. archive junk drawer weather babel chaos din |..||.| vinyl recordings musical notations ..-|| frequencies harmonics rhythm velocities |+|+_+ charges changes coupled difference equations #_#&=^ probabilistic time series snapshots samples pressings indices ||..|. the symbols were known but the phonetics were lost ^..|.| the clocks were out of phase &_&|| pulse & counting skew +0+



thatch

.|_ field notes double reed hollow log _|.|.| breaking hard ground ..-|| thatch root millennia ruptured disrupted |+|+_+ buffalo fire & the fire tenders #_#&=^ lace boots & => functions of lists reduce / fold filter map ||.|_ irretrievable calculation distillation contours ^..|.| physics of oars physics of rope & gears &_&|| physics of taut independence bound inter dependence +0+*+_+ cycling time flow graph calculus of change & motion |||&=^ tangents & intersections flux weather elements wind _|..|_ there exists an x a y a maybe just nothing ..-|.| suppose this |+||| not silence exactly #_#

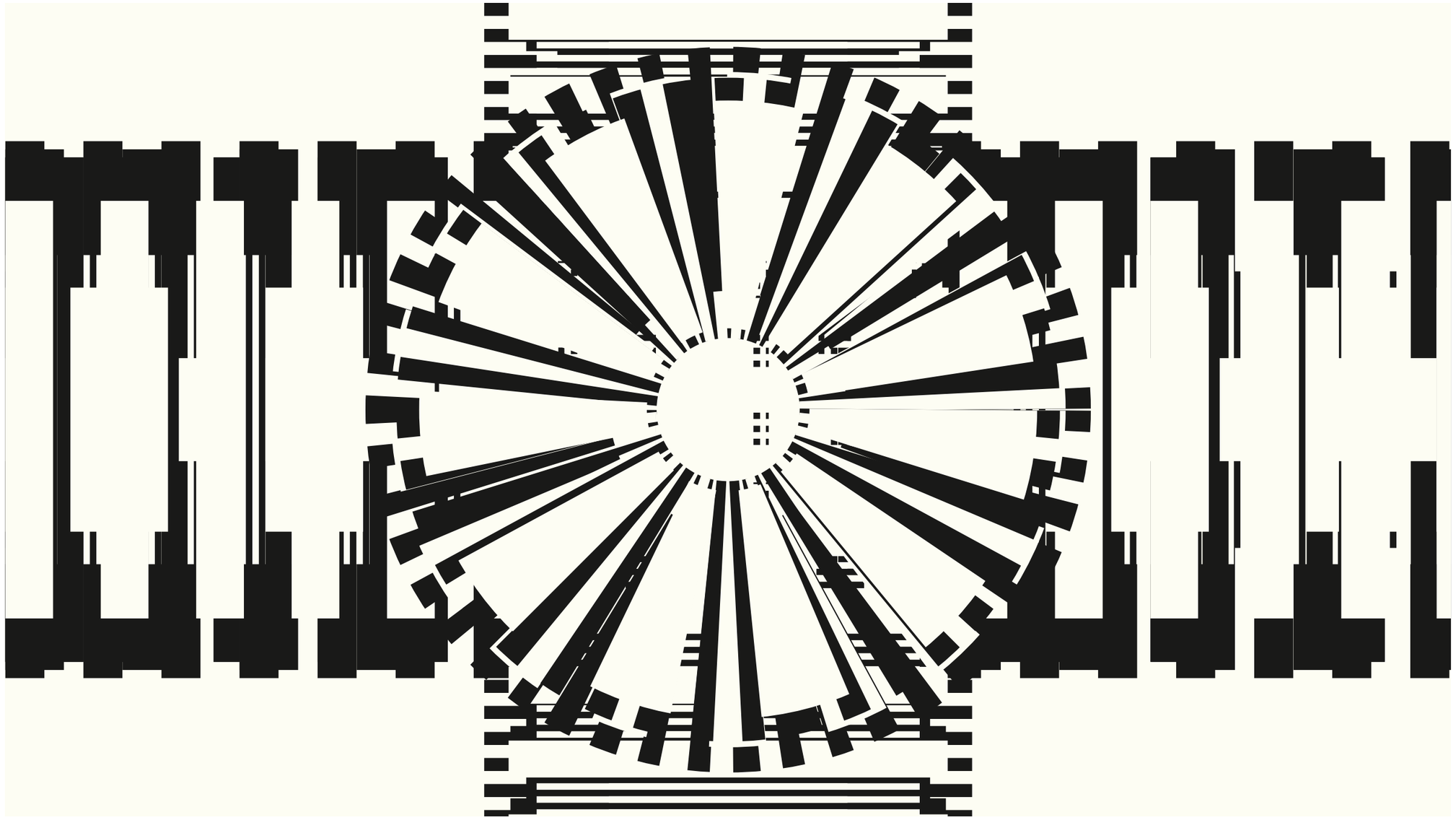
..|. particles of speech particles of sound particles of exchange |..||.| molecular transfer diagrams schema ontologies syntax relations ..-|| punctuations blank space lines unfolding hollow tunnel echo static dial |+|+_+ encode translate transform (re)cover uncover reverse #_#&=^ verb => noun => past tense ||..|. neural net language drip radio wave resilience ^..|.| co2 => biomass => soil &_&|| the deep & tangled dark sea horizon wind sail blades of grass +0+*+_+ sky to earth to text texture textile |||



this

.|_ this was the morning this was the place _|.

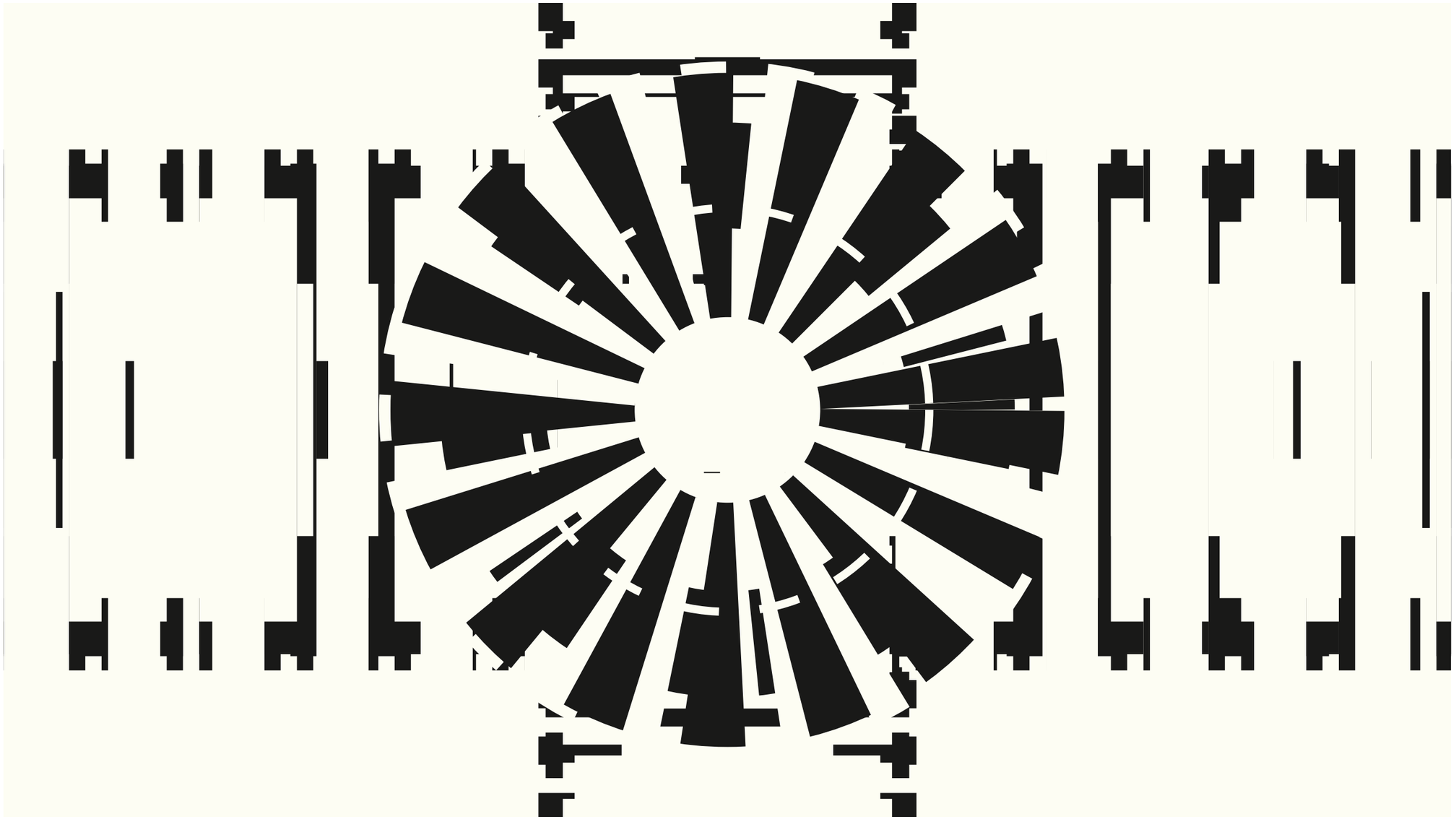
..|. repairman rider passenger lone bird |..||.| grass blade dyke (our hero zero rider ze) ..-|| arrived on platform wasteland meadow track |+|+_+ worn suitcase sandwich #_#&=^ tepid brown liquid thermos ||..|. creased map ^..|.| compass light &_&|| lucky strike +0+*_+ hat axle pocket knife |||&=^ coins for the boatman |..|..|. steam engine captain ..-|.| singer all aboard |+||| ticket agent paper #_#+_+ tin cup beggar thief ||



paper

.|_ downward glance creased map marked path _|.|.| radio research building institute ..-|| factory platform station |+|+_+ slant rusty hinge door sunlight #_#&=^ spider housings metal glint antenna ||.|_ vines static deep dark corner silence ^..|.| vinyl recordings specimen drawers &_&|| faded paper census sketchpad marks +0++_+ lost language fallen angels |||&=^ frozen role enactments _|..|_ jukebox score ..-|.| piano rolls |+||| silent tattered scripts #_#

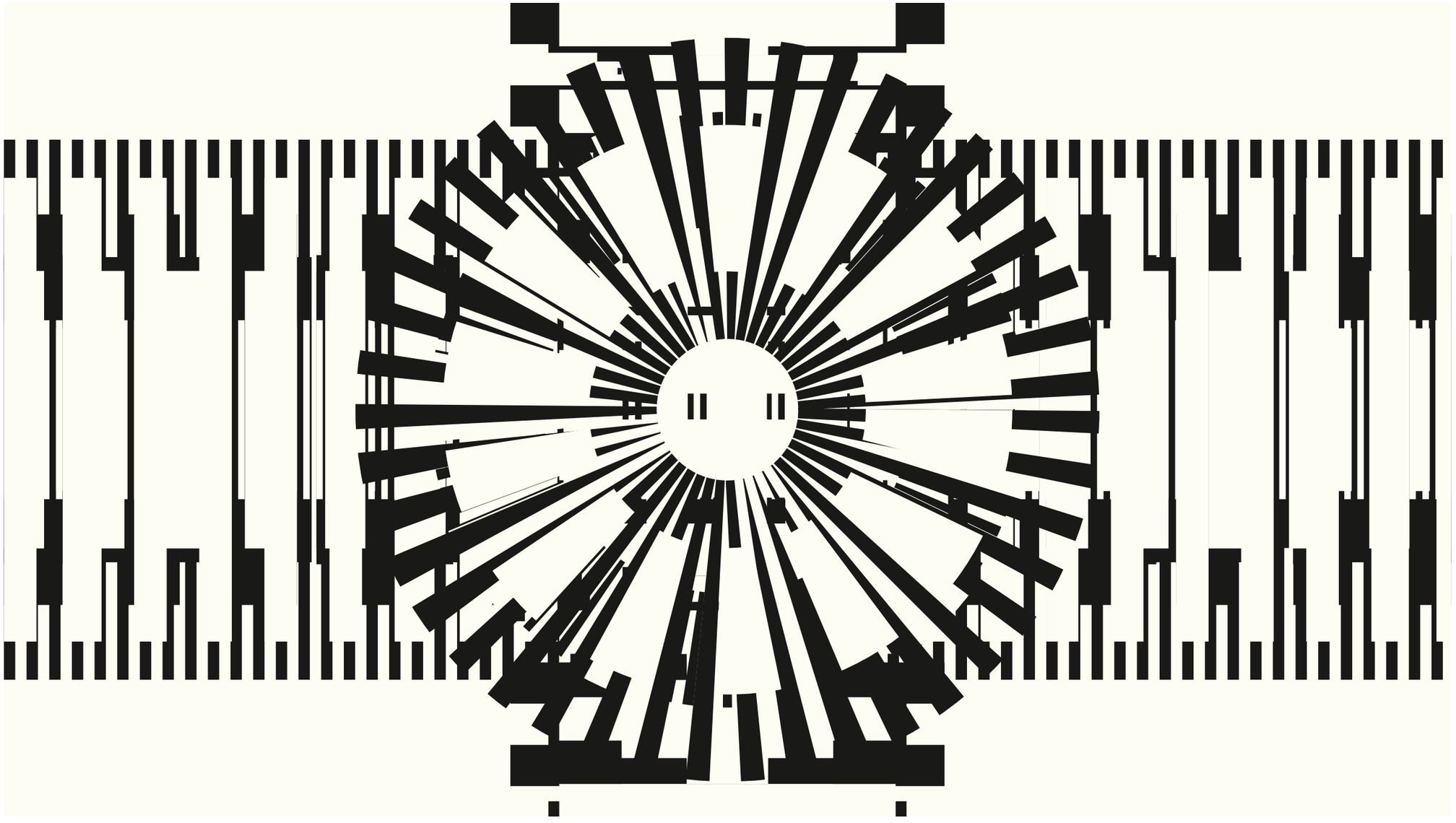
..|. stored inside this moss bound station |..||.| critical to the mission ..-|| notes numbers data |+|+_+ handbook manual translation codes #_#&=^ recorded ghost grass chorus ||..|. dried pressed limbs reed blade stem seed ^..|.| circuit diagram equations &_&



solar

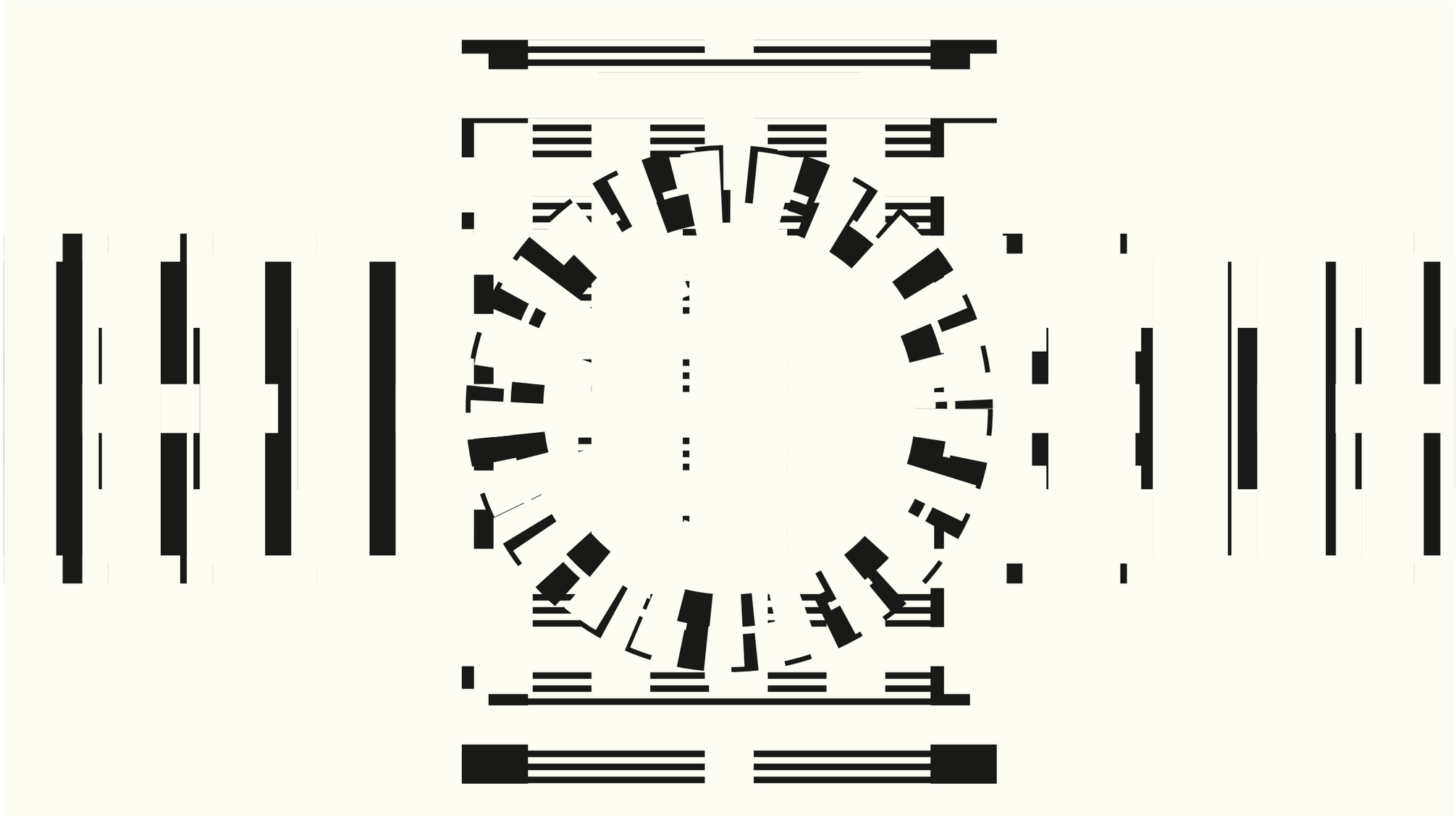
.|_ us / them / ze / I _|.|.| the body plural the collection the ecology of I ..-|| constellation tonal set |+|+_+ commutative diagram #_#&=^ vector pillars basis set ||.|_ fire bison ^..|.| microfiche &_&|| memex landscape archive +0+

..|. moth flame fuel |..||.| what angel whose wings which bird ..-|| tightrope perilous torch gas flight |+|+_+ filament neon halogen light #_#&=^ solar spectra halo ||..|. semisynthetic polychromatic light ^..|.| harvest net gap spark &_&|| every angel every bird every fire +0+**+_+ every light** |||



shadow

```
.|_ watches for sale _|.|.| circus hawker ..-|| projected image alley |+|+_+ film
alley lamp #_#&=^ shadow night ink ||.|_ pool found object ^..|.| theater company
sound &_&|| foundry sound factory +0+*_+ new polyphony alienation |||&=^
intersections junctions _|..|_ friction resolution ..-|.| chords ropes sails |+|

..|. layers maps transects |..||.| routes destinations ..-|| vectors fields pixel
web join caught number cells facts |+|+_+ dense matrix #_#&=^ sparse sky ||
```

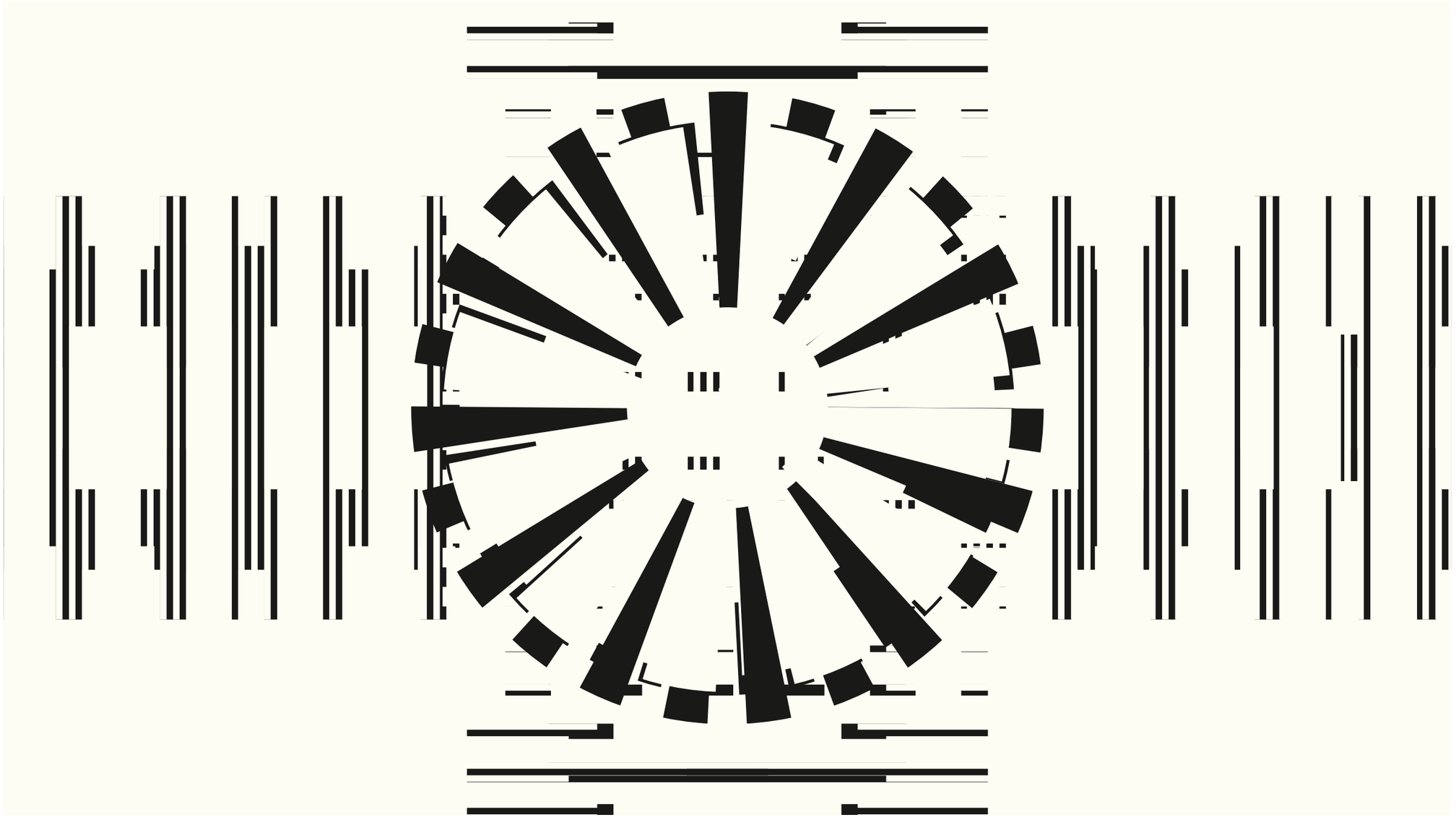


the

.|_ homeostasis functions script energy production _|.|.| flows & motion ..-||
minerals carbon |+|+_+ produced consumed released #_#&=^ the mill ||.|_ the body
::: a federation ^..|.| web loom constellation &_&|| temporary boundary of skin
+0+*_+ stoichiometric polyphony |||&=^ chorus set of strings _|.

..|. chemistry & light |..|

.|_ reading _|.|.| physical traversal ..-|| visceral traversal |+|+_+ repeat repeat
loop #_#&=^ link pause dwell leap ||.|_ hypertext state machine ^..|.| railway
navigation &_&|| photosynthetic bit flow +0+*_+ binary twist |||&=^ one zero
distance field _|..|_ microscope telescope ..-|.| molecular astronomy |+|||
infinite between #_#

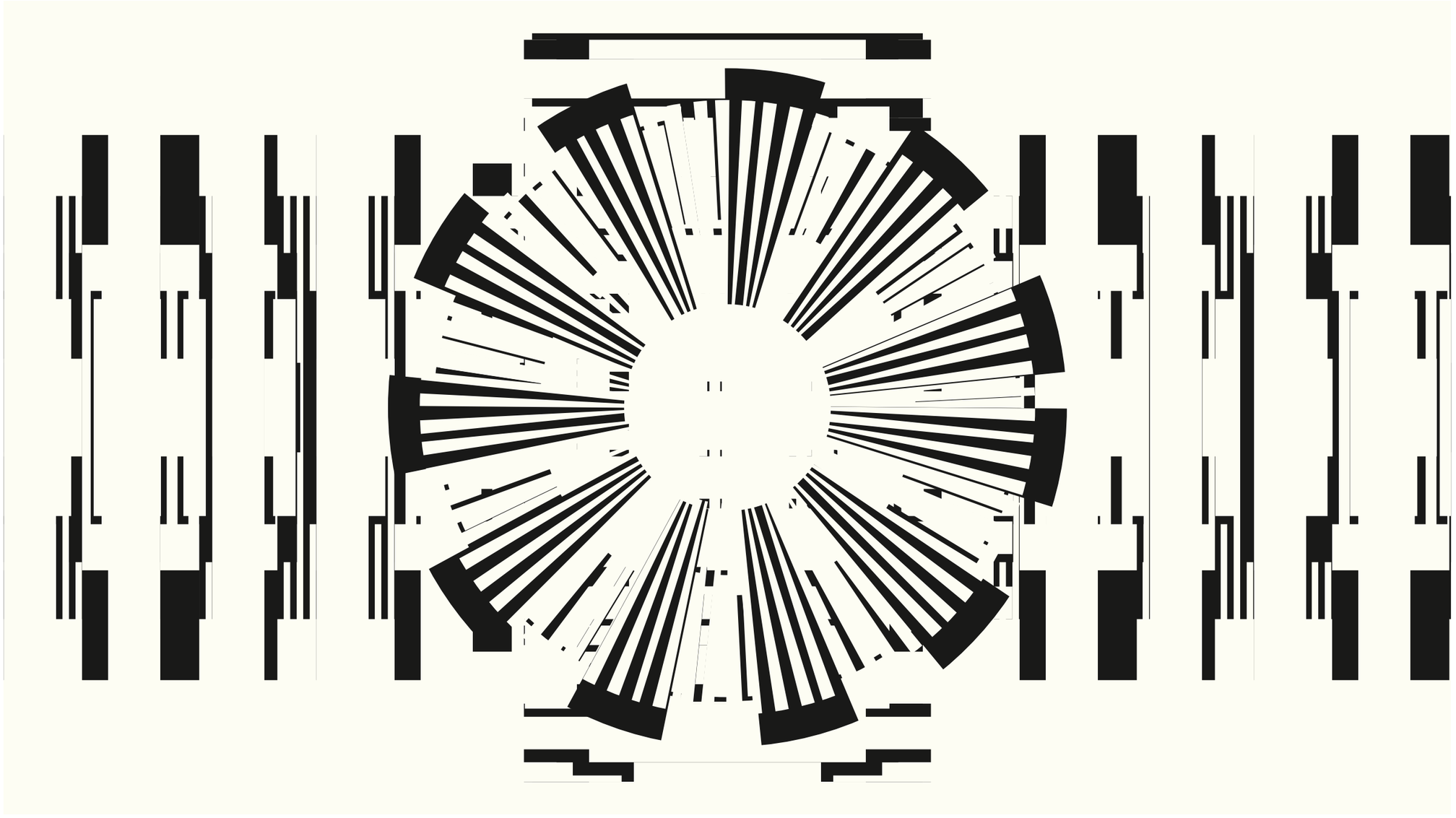


traversal

.|_ homeostasis functions script energy production _|.|.| flows & motion ..-||
minerals carbon |+|+_+ produced consumed released #_#&=^ the mill ||.|_ the body
::: a federation ^..|.| web loom constellation &_&|| temporary boundary of skin
+0+*_+ stoichiometric polyphony |||&=^ chorus set of strings _|.

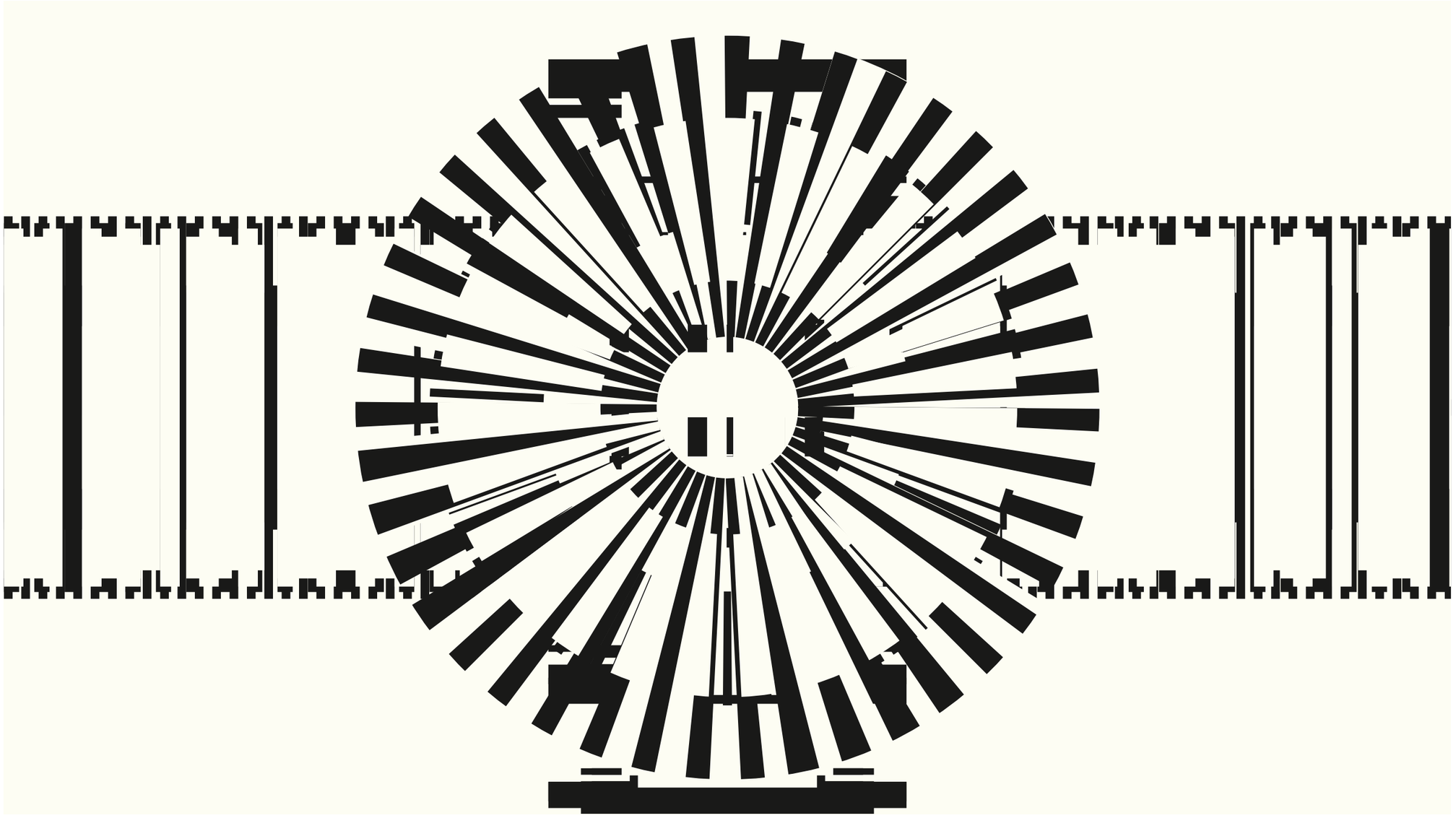
..|. chemistry & light |..|

.|_ reading _|.|.| physical traversal ..-|| visceral traversal |+|+_+ repeat repeat
loop #_#&=^ link pause dwell leap ||.|_ hypertext state machine ^..|.| railway
navigation &_&|| photosynthetic bit flow +0+*_+ binary twist |||&=^ one zero
distance field _|..|_ microscope telescope ..-|.| molecular astronomy |+|||
infinite between #_#



maybe

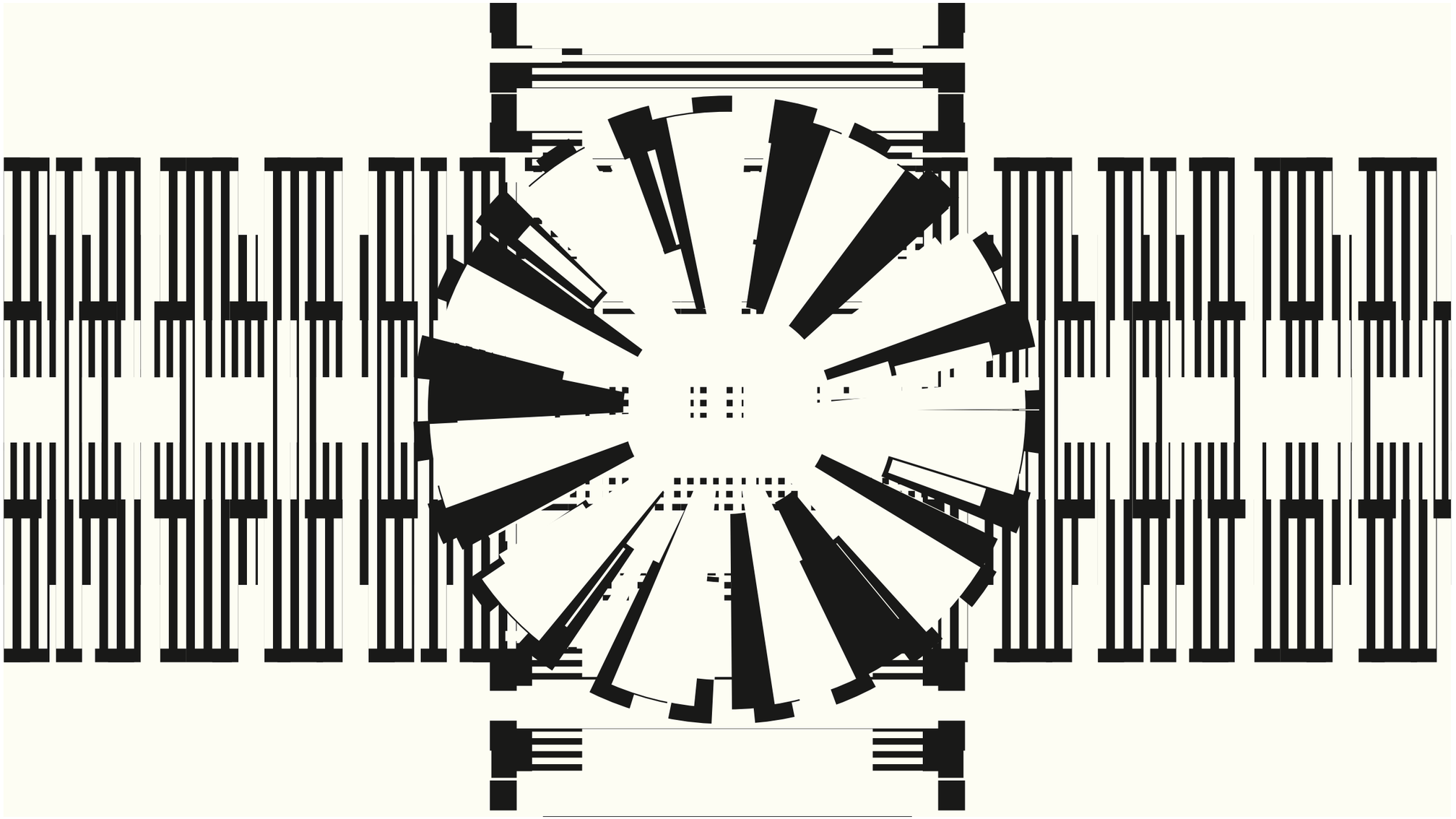
```
.|_ faded animations faded colors green yellow brown => gray _|.|.| plant specimens
stamped time-stamped the walker rider passenger ..-|| collector observer marks down
weather rain heat cold dry piano rolls |+|+_+ score movement slows to snapshots
#_#&=^ pinning clothes recording transects counts ||.|_ footnotes footnotes
footnotes ^..|.| sets & grass to find the trophic structure &_&|| problem of scale
reference static object product state +0++_+ broken rhythm boxed number tables
|||&=^ frozen vertex chalk body outline fixed _|.

..|. time step nutrient cycle handbook of codes |..||.| algorithm recipe diagram
flow ..-|| now back but then not now but perhaps |+|+_+ maybe just || nothing
#_#&=^ rectify & join ||
```



trophic

.|_ faint signal pale wave slow current faraway transmission _|.|.| faded recording ..-|| long ago the far away a t-cell twist like this it goes |+|+_+ that jukebox love song jukebox archive jukebox dance song #_#&=^ rusty turnstile chance song billiard dice song co2 roulette ||.|_ trophic past text particles of speech ^..|.| trophic cascade light water steam then ghost &_&

..|. corner bar stool |..||.| the repairman rider passenger lone bird ..-|| grass blade dyke (our hero zero rider ze) |+|+_+ napkin blueprints cipher curves & codes #_#&=^ beer-stained formula calculations configurations ||..|. phase plane transformations ^..

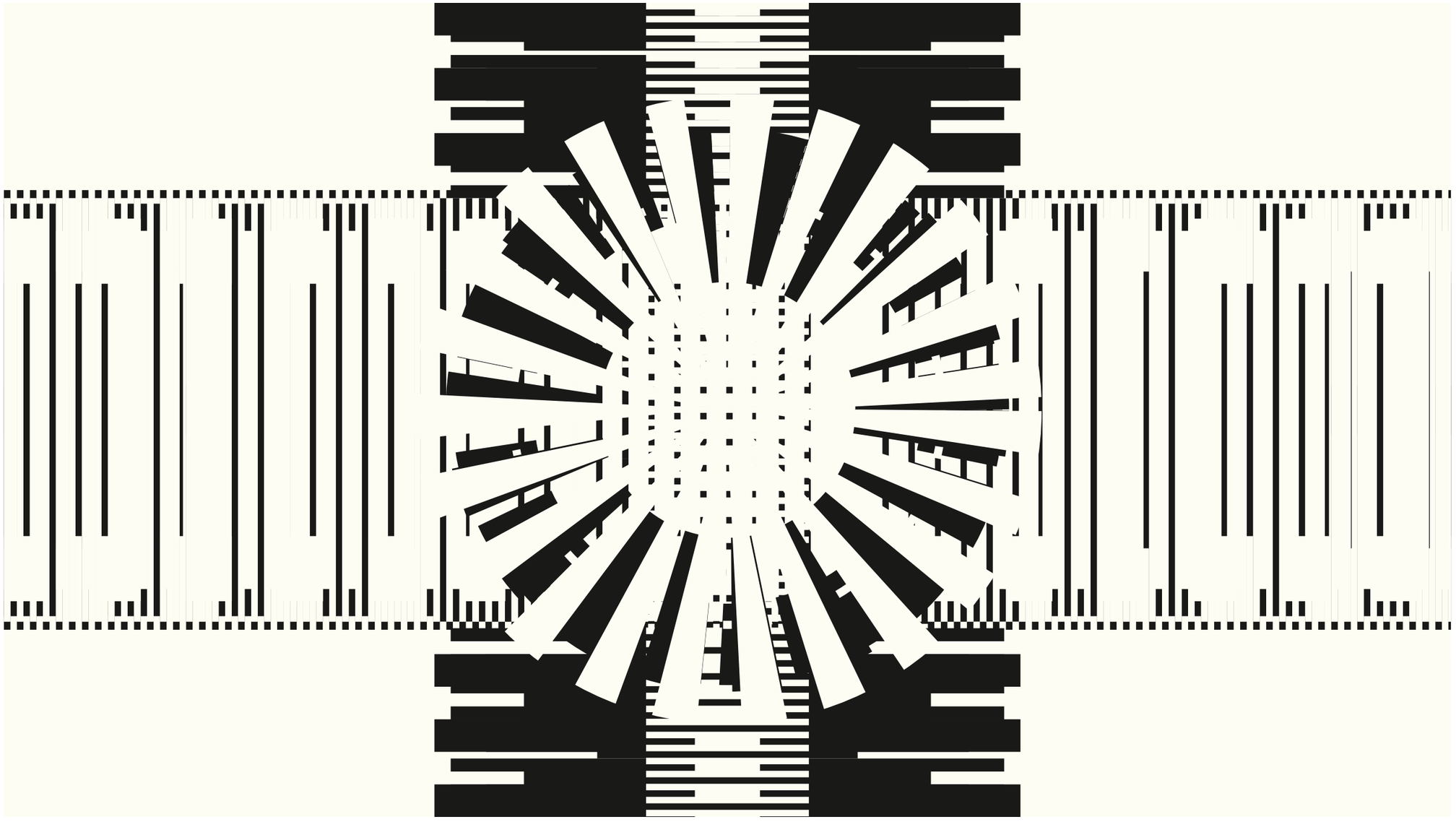


chain

.|_ architecture of flows _|.|.| chain web sparse or dense ..-|| multi routed multi threaded |+|+_+ brilliance resilience resplendent #_#&=^ abundance complexity ||.|_ iron glass & noise ^..|.| weft & warp &_&

..|. 4 string landscape |..||.| infinite between ..-|| bendable tonality |+|+_+ fretless beast #_#&=^ gravitational pulls ||..|. orbit & deviation ^..|.| delay / echo tape chance &_&|| degrees of freedom +0+_+ boundedness taut net |||&=^ no map palette arcs |..|..|. across found sound canvas ..-|.| spill pour grid |+|

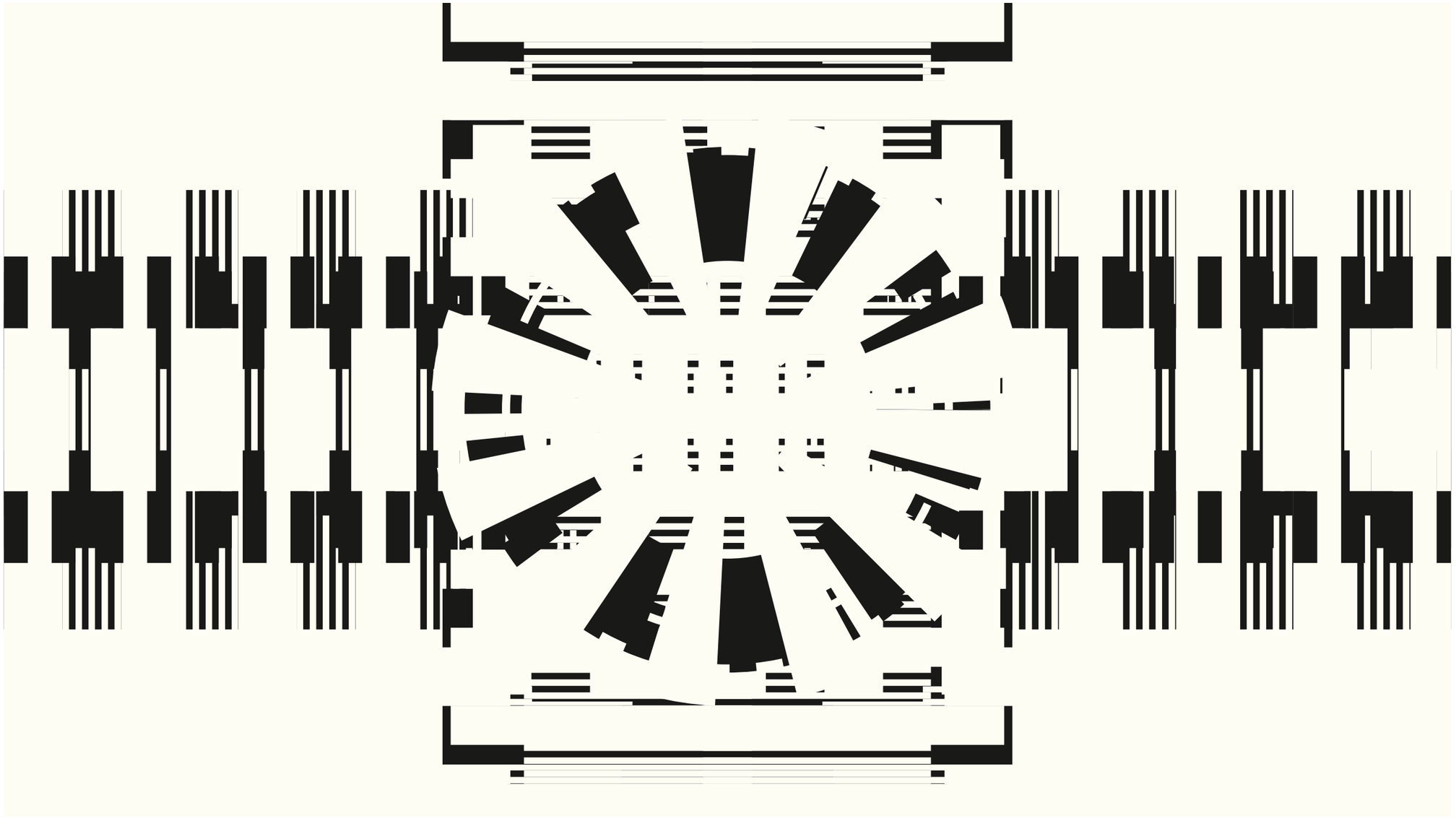
.|_ night crow no time graffiti angel _|.|.| icarus ghost bird ..-|| radio pluto |+|+_+ washington avenue #_#&=^ bridge subway warehouse ||.|_ symphony of metal ^..|.| concrete & glass &_&|| blades grass +0+_+ blades accordion |||&=^ sheet music _|..|_ sheet metal ..-



map

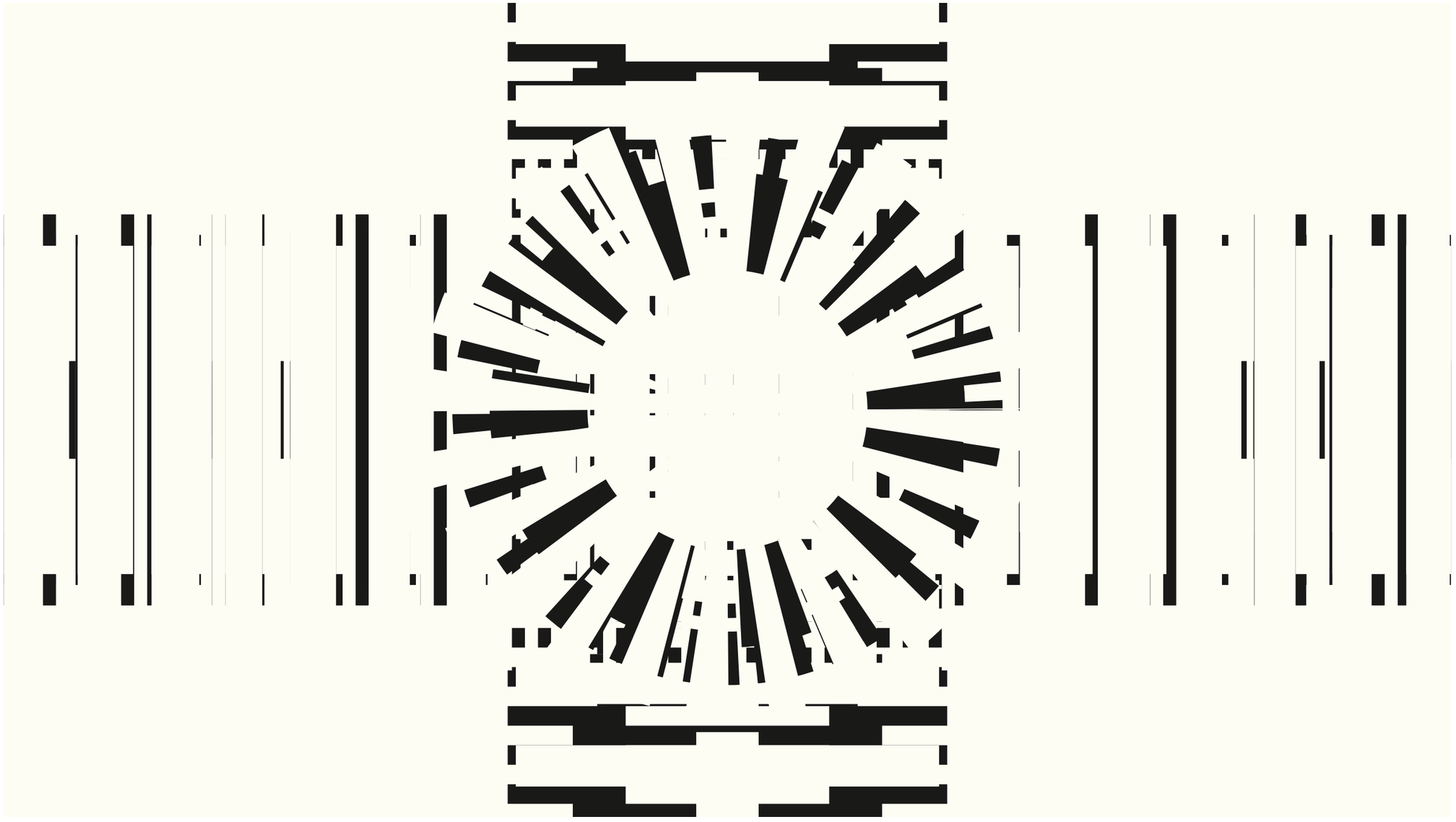
.|_ electricity insight action _|.|.| poet singer cantor coder ..-|| rhythm rhyme repetition |+|+_+ invoke evoke circle #_#&=^ paper poetry storage machine (memory printed symbols space) ||.|_ spoken textile poet singer living animation ^..|.| electric insight action text encoded incantation &_&|| rhythm rhyme recitation circle invocation +0++_+ tape magnetic pitch sound frequency modulation |||&=^ transcription translation voyage _|..|_ a river a boatman a coin an oar ..-|.| a knapsack a shortwave radio |+||| receiver transmitter signal #_#+_+ voice frequency on / off ||

..|. pulse antenna alphabetic |..||.| graph glyph string ..-|| linear spline space |+|+_+ sequence pages spine spline #_#&=^ approximation map one route ||..|. one journey electric geo ^..|.| route road reenactment context &_&|| devoid absent world generating physical +0+_+ attention listening seeing |||&=^ gaze cross sensory skull |..|..|. skeletal memory echo machine ..-|.| pulse current blood |+||| sinew vinyl gramophone => radio #_#+_+ moment (re)creation past time ||&=^ modulation frequency ^...|. (un)synchronize the clocks &_&



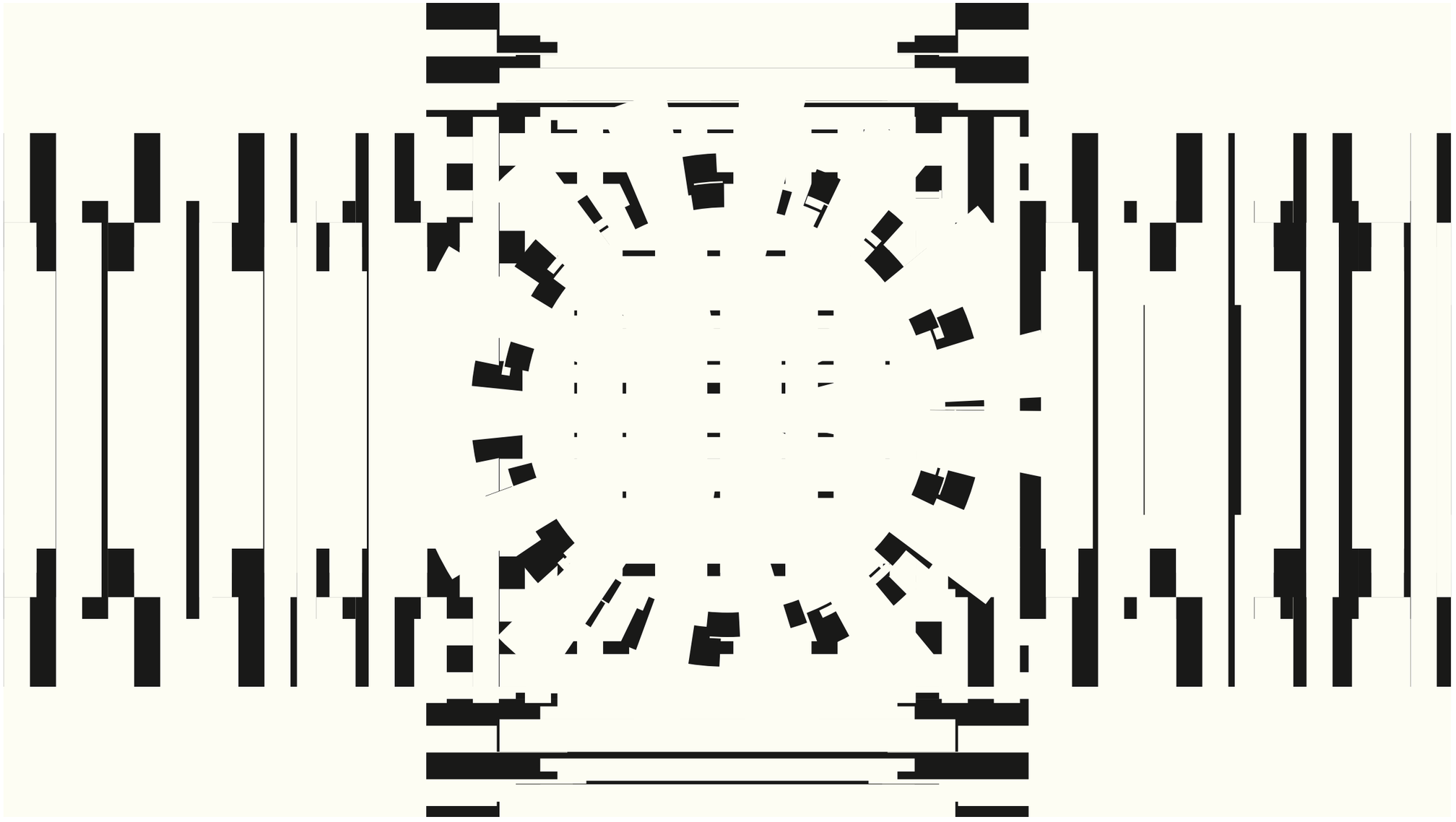
window

.|_ late summer day dusty strands of light _|.|.| taut against the very ether of air & day ..-|| particles stretched into waves cast from far away |+|+_+ circle orb fire dusty filaments tied against #_#&=^ strong limbs drawn nets from sky they pulled ||.|_ muscled down & in these nets these baskets they ^..|.| (the wiry reaching stalks) gathered invisible dinosaurs &_&|| their bones now atmospheric ghosts +0+_+ of all released dead matter sources of their gathering |||&=^ a hallelujah of photosynthetic abandon _|..|_ a transference a miracle accumulation a sink a ..-|.| grabbing & bending & forcing deep underground |+||| a conversion a reclamation a redemption #_#+_+ a deep cellar window of light ||



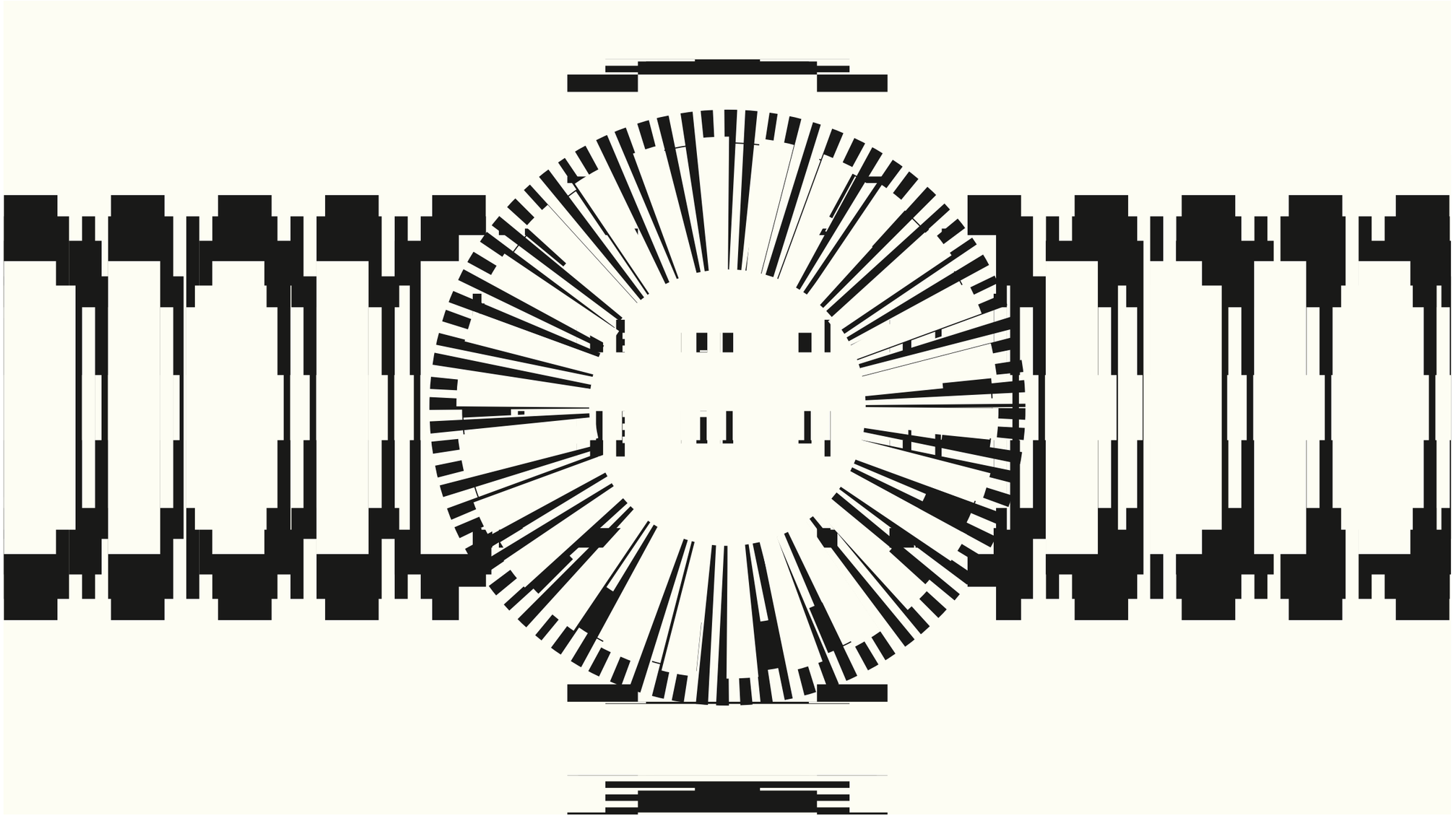
specific

.|_ physical laws governing theorems systems form & function _|.|.| n-body species interaction multi lingual multi scale stoichiometric ..-|| molecular spectral choral networks |+|+_+ multiple frame rates multiple scales projections synchronized moments colliding #_#&=^ separating departures arrivals hydrology of energy & material & landscape & time (clocks) ||.|_ meeting at a time at a table in a cafe in a town on a specific day ^..|.| a moment specific coordinates &_&|| exchange of goods voyage of goods transference encounter +0+|+_+ chance the niche habitat fractal niche |||&=^ harmonic series resonating sympathetic vibrating stable tonal isotopic _|..|_ ladders chutes pipes circuits ..-|.| currencies carbon nitrogen phosphorous rain |+||| ladders pipes circuits energetic exchange system currency commerce #_#+_+ transformation conversion manufacture of material information transmitted ||&=^ synthesis of data production efficiency nutrient use economy ^...|_ intelligence craft gears assembly pipelines factories blueprint &_&|.| conservation of energy expenditure of energy conflagration carbon +0+|| coal bones oil organics drilled excavated broken harnessed released |||



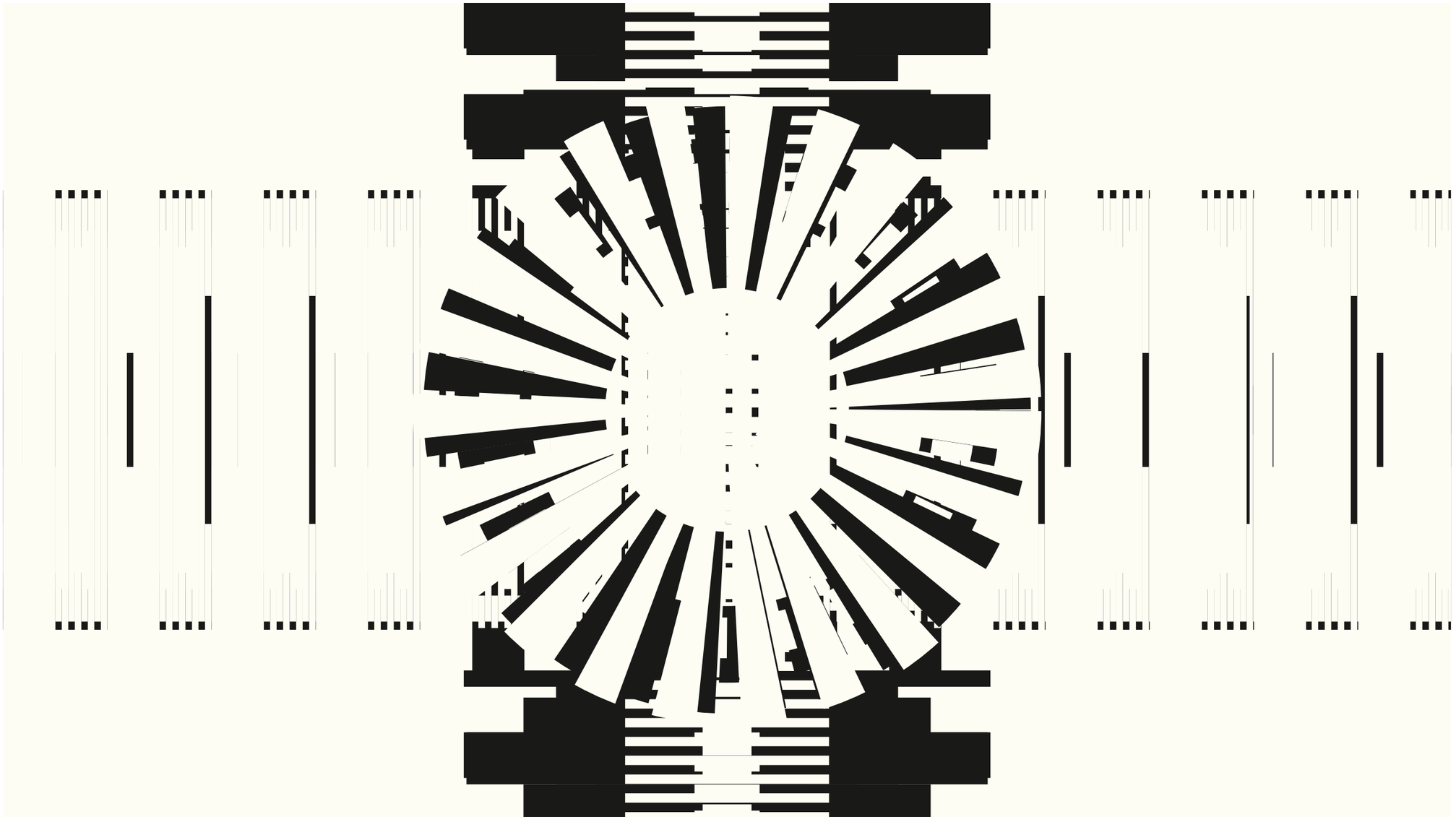
blur

.|_ tuning discontinuity fragmentation _|.|.| multiplicity assemblage blur ..-|| distance metrics near / far this-ness |+|+_+ frequency instruments theory #_#&=^ narrow limited constrained ||.|_ drawer paper file grass specimen stalk leaf root ^..|.| instrument network transmission system &_&|| sensitive antenna chlorophyll swarm +0+*_+ body axes mapped static system structure |||&=^ food chain length & flow _|.



join

```
.|_ watches for sale _|.|.| circus hawker ..-|| projected image alley |+|+_+ film
alley lamp #_#&=^ shadow night ink ||.|_ pool found object ^..|.| theater company
sound &_&|| foundry sound factory +0+*_+ new polyphony alienation |||&=^
intersections junctions _|..|_ friction resolution ..-|.| chords ropes sails |+|

..|. layers maps transects |..||.| routes destinations ..-|| vectors fields pixel
web join caught number cells facts |+|+_+ dense matrix #_#&=^ sparse sky ||
```



taxon

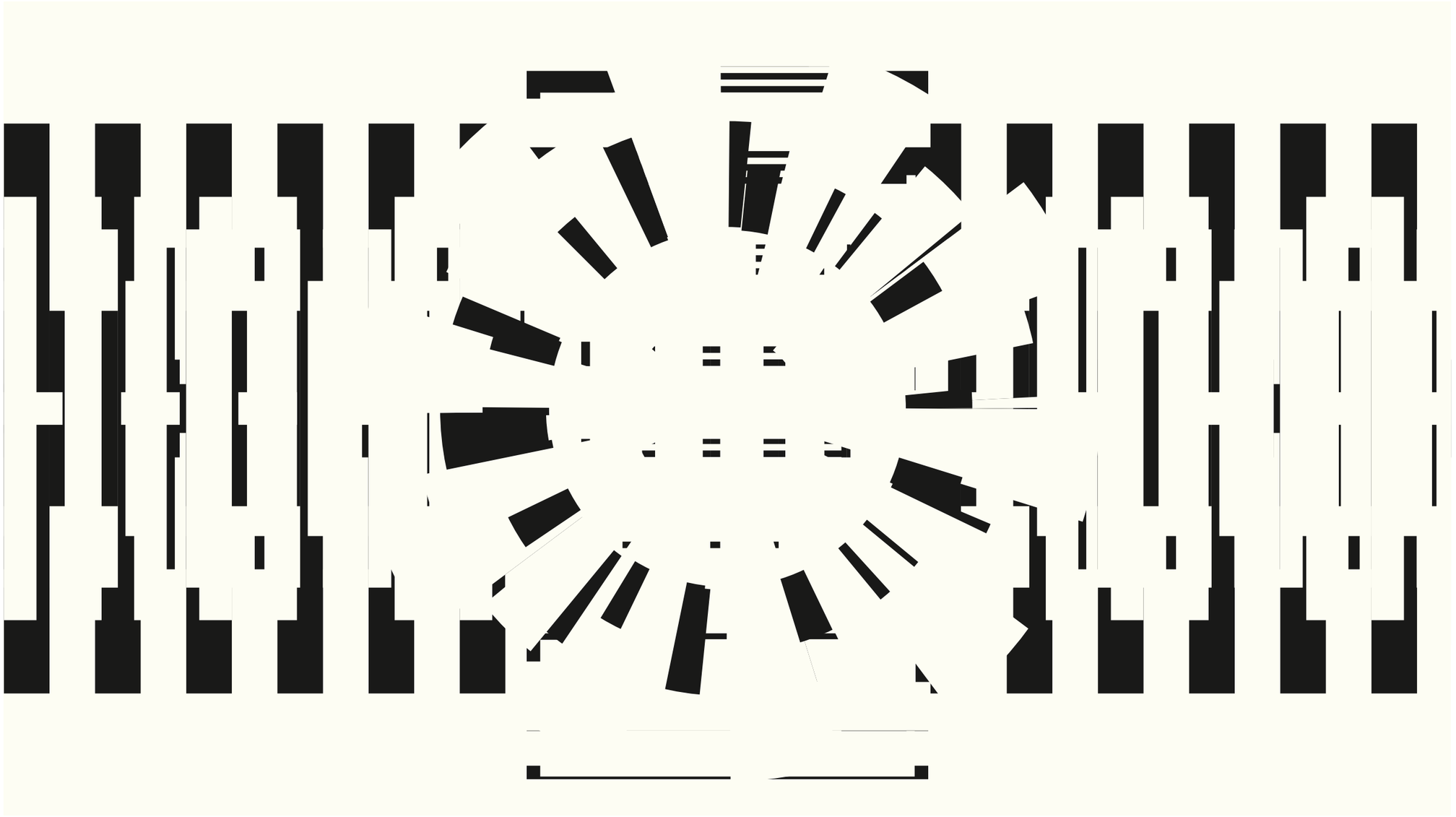
.|_ skull telescope _|.|.| recorded playback frame ..-|| incomplete phonetics |+|+_+ extinct past taxon gap #_#&=^ cipher thrivance teeming whole ||.|_ an awkward re assemblance ^..|.| blank missing vertex node &_&|| absent click track metrics scale & score +0+

..|. archive junk drawer weather babel chaos din |..||.| vinyl recordings musical notations ..-|| frequencies harmonics rhythm velocities |+|+_+ charges changes coupled difference equations #_#&=^ probabilistic time series snapshots samples pressings indices ||..|. the symbols were known but the phonetics were lost ^..|.| the clocks were out of phase &_&|| pulse & counting skew +0+

energy

.|_ start again empty chalkboard _|.|.| wound tape deck of cards ..-|| blank recording unpressed vinyl unengraved metal open cave |+|+_+ an equation computation restoration symphony #_#&=^ incantation animation last stop grassland texaco station ||.|_ origin of species perfect ratio entanglement bank fragile web steady state ^..|.| forever abundant resplendent frictionless eternal energy oxygen machine &_&

..|. repairman rider passenger hero (ze)ro lone bird |..||.| the blade the dyke the bird (our hero zero rider ze) ..-|| arrived on platform wasteland meadow track |+|+_+ worn suitcase sandwich coffee thermos #_#&=^ tepid brown liquid greasy paper ||..|. creased map ^..|.| compass light &_&|| lucky strike +0+



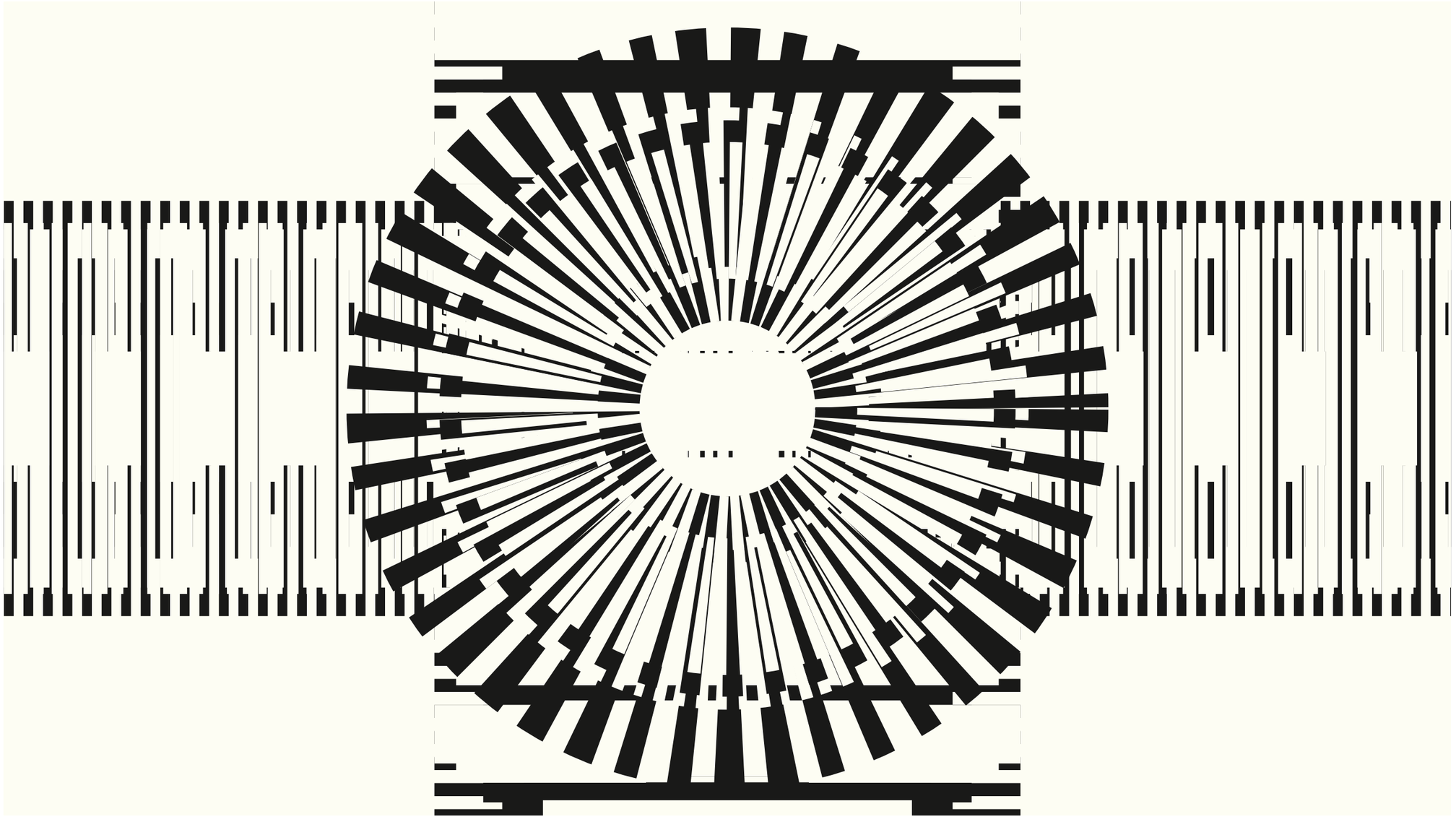
geometric

.|_ microscope observatory tiny vial _|.|.| tiny xylophone tiny ribcage ..-

..|. tube => transistor cathode ray tube |..||.| raster digital pixel knowing ..-||
language drawing vector contour lost |+|

.|_ cloud of pixels probabilities clump densities likelihood noise _|.|.| boltzmann
entropy analogue encoded signal computation ..-|| digit swarm translation |+|

..|. literature science novel science poetry science |..||.| narrative past text
pollination ..-|| picture science syntax metaphor diagram |+|+_+ divine static
steady state #_#&=^ mythic science ||..|. evolving ever changeful circle science
^..|.| taut self-organizing orbit science &_&|| geometric atmospheric light nitrogen
+0+**+_+** nutrient profile adaptation |||&=^ mineral light weather water |..|..|. vial
drop science ..-|.| torn curtain broken window chaos science |+|

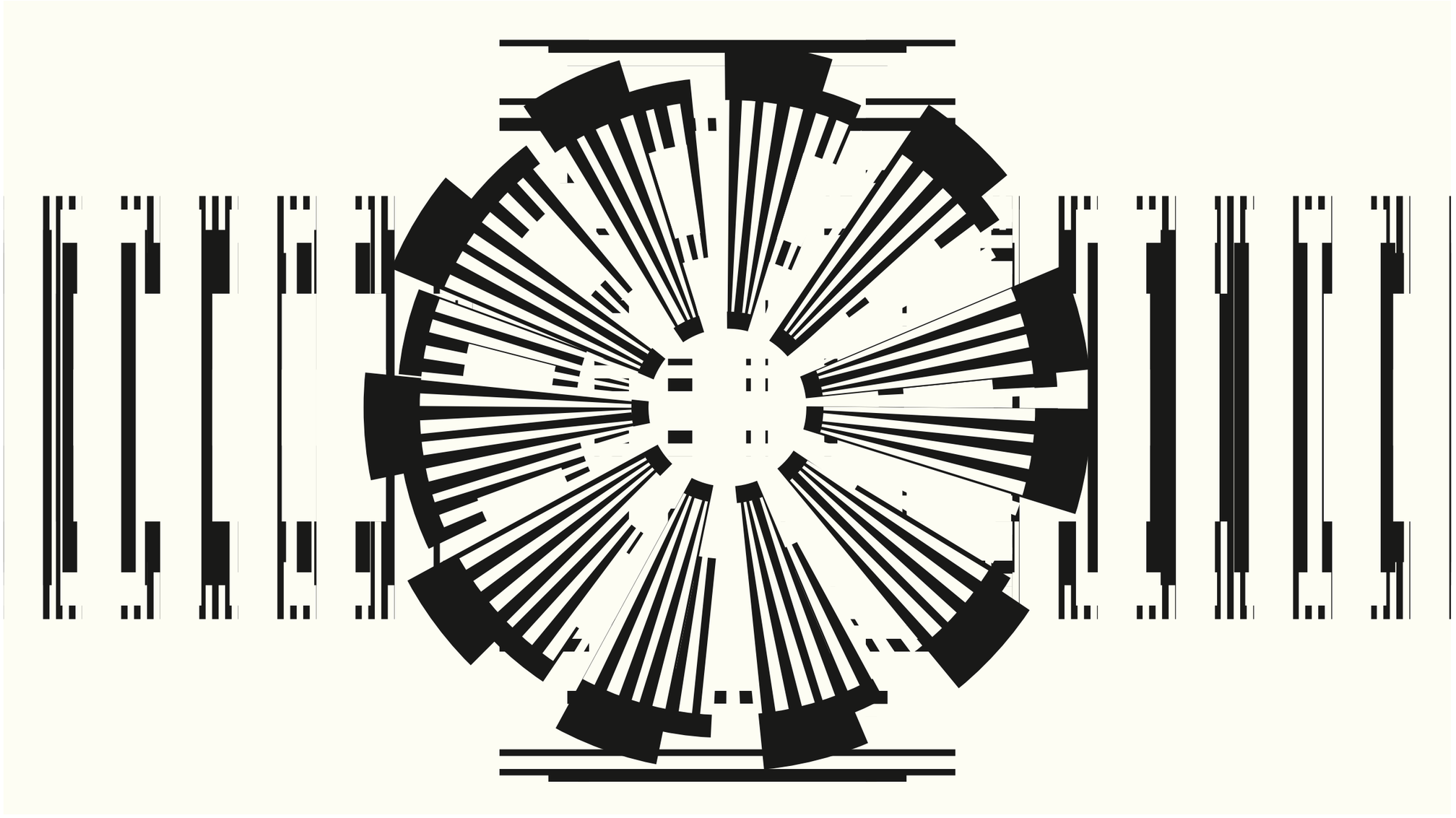


containment

.|_ data modeling ecosystem transcription _|.|.| contour core motion ..-|| stripped down |+|+_+ essential form #_#&=^ arc distilled ||.|_ abstraction ^..|.| line drawn &_&|| color form shape +0++_+ context seed dynamics |||&=^ phase plane essence _|..|_ naked mirror silhouette ..-|.| skeletal moving gears |+|

..|. translation filter |..||.| transformation ..-|| map bait lure tackle |+|+_+ spinning wheel #_#&=^ rapunzel wizard magic fish ||..|. chutes & ladders ^..|.| connection conjunction sentence &_&|| necklace +0+_+ purl one |||&=^ knit one |..|..|. knot one ..-|.| sticky spider silk |+||| relations table entry #_#+_+ time stamp seal or wax ||

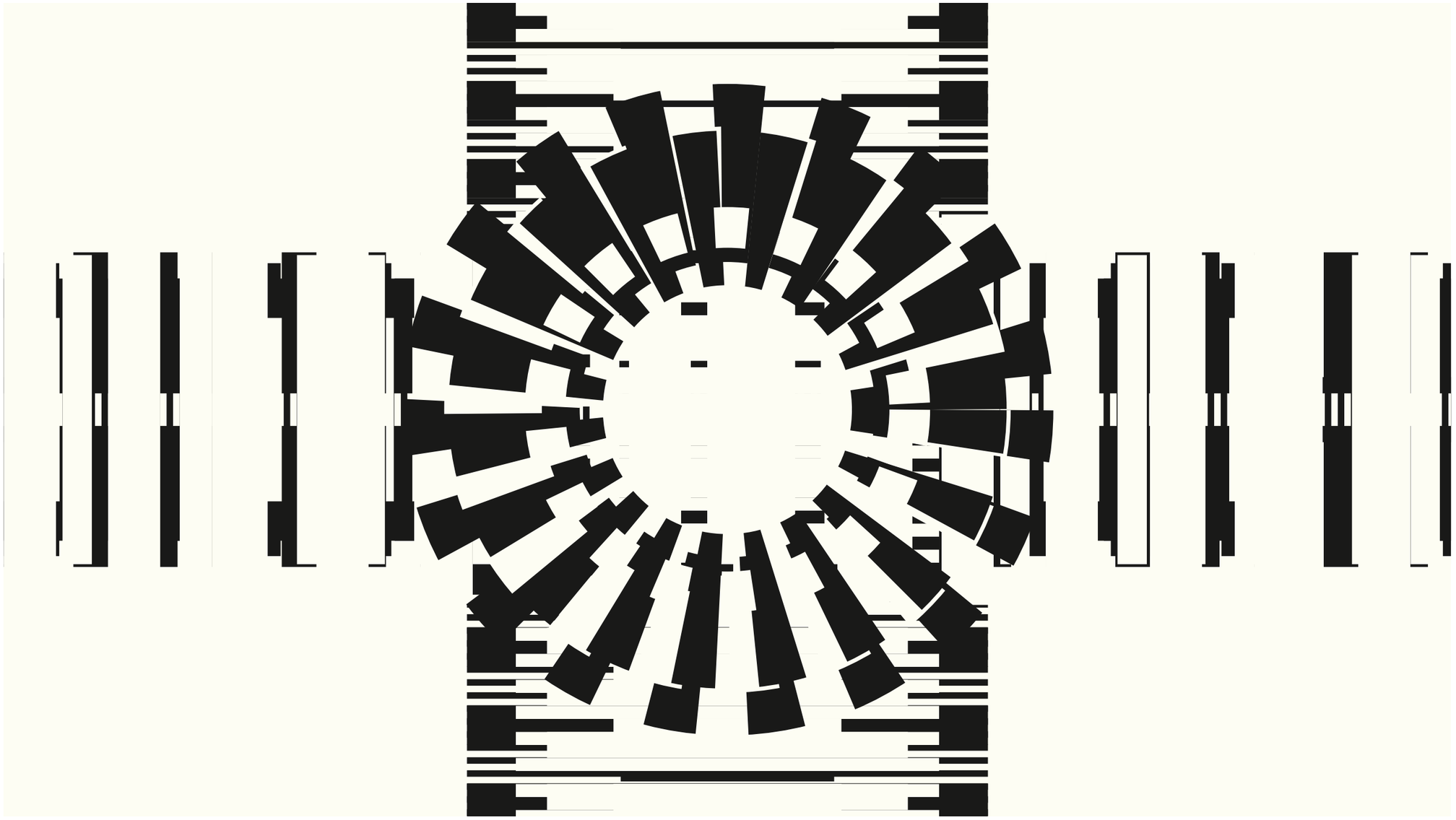
.|_ transact system _|.|.| query language ..-|| row by row relation |+|+_+ containment category rope bind #_#&=^ join ||



stolen

.|_ cell number table _|.|.| column thicket ..-|| stream set row |+|+_+ coordinates paths city streets #_#&=^ asphalt chess board too-long fair ||.|_ halogen labyrinth playing cards ^..|.| row boat row red turnstile coins &_&|| subway memory map +0+

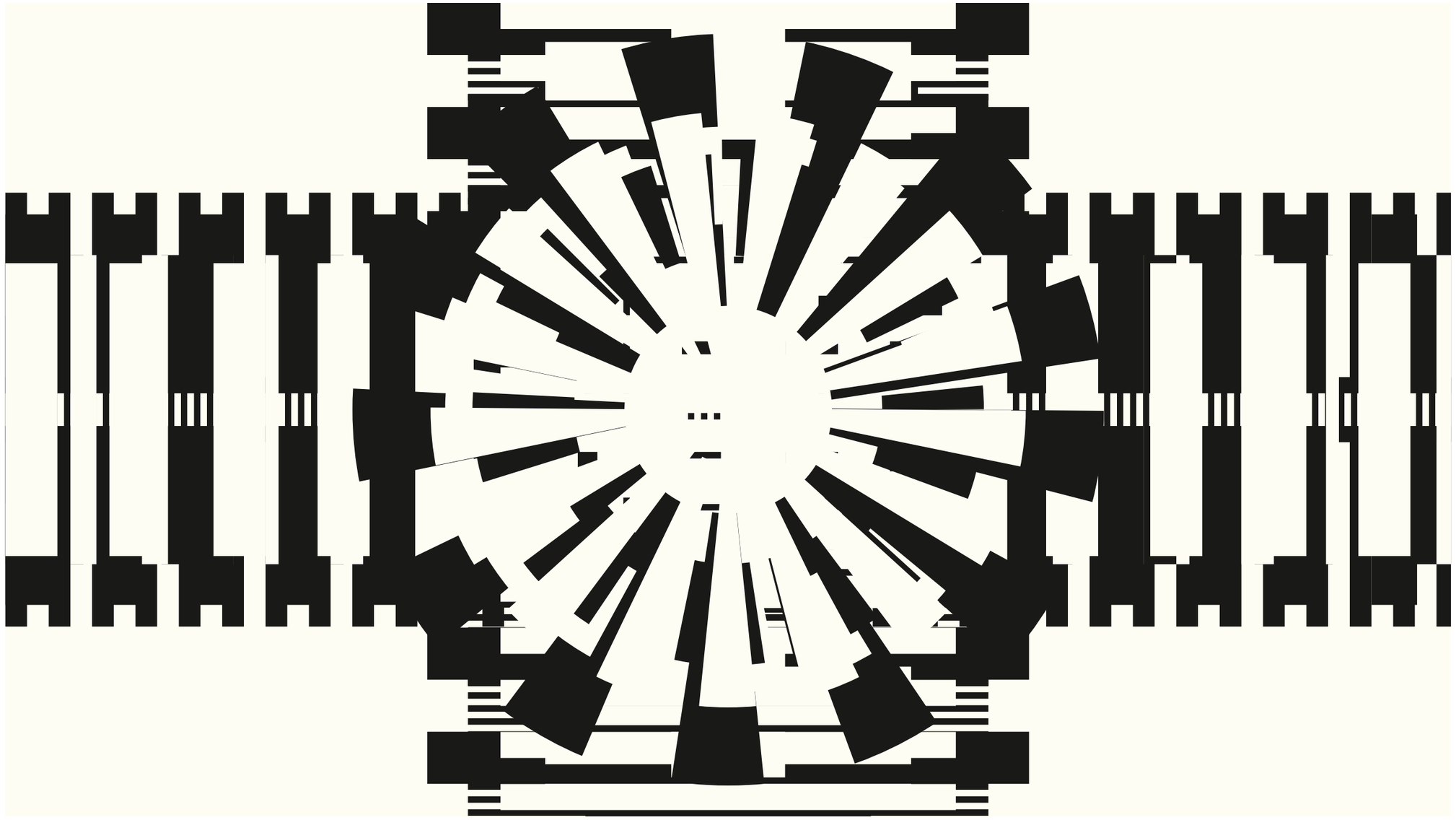
..|. the problem of sparse matrices |..||.| absence ..-|| not known |+|+_+ not values #_#&=^ not join ||..|. not tied ^..|.| not said &_&|| empty cells +0+**+_+** blank hole gap |||&=^ knot record |..|..|. not knot ..-|.| forget forgot |+||| never known #_#+_+ not filled ||&=^ not asked ^....|. erase erasure &_&|.| not zero not silence +0+|| a lack of air |||+_+ a lack of mark |..|&=^ missing value(s) ..-..|. something stolen |+||.| not revealed not found #_#|| not thought of not dreamed of ||+_+ not imagined ^..&=^ not lost &_&..|. not lonely +0+|.| not a huge hole in the |||| sky |..|



the

.|_ faint signal pale wave slow current faraway transmission _|.|.| faded recording ..-|| long ago the far away a t-cell twist like this it goes |+|+_+ that jukebox love song jukebox archive jukebox dance song #_#&=^ rusty turnstile chance song billiard dice song co2 roulette ||.|_ trophic past text particles of speech ^..|.| trophic cascade light water steam then ghost &_&

..|. corner bar stool |..||.| the repairman rider passenger lone bird ..-|| grass blade dyke (our hero zero rider ze) |+|+_+ napkin blueprints cipher curves & codes #_#&=^ beer-stained formula calculations configurations ||..|. phase plane transformations ^..



xylophone

.|_ microscope observatory tiny vial _|.|.| tiny xylophone tiny ribcage ..-

..|. tube => transistor cathode ray tube |..||.| raster digital pixel knowing ..-||
language drawing vector contour lost |+|

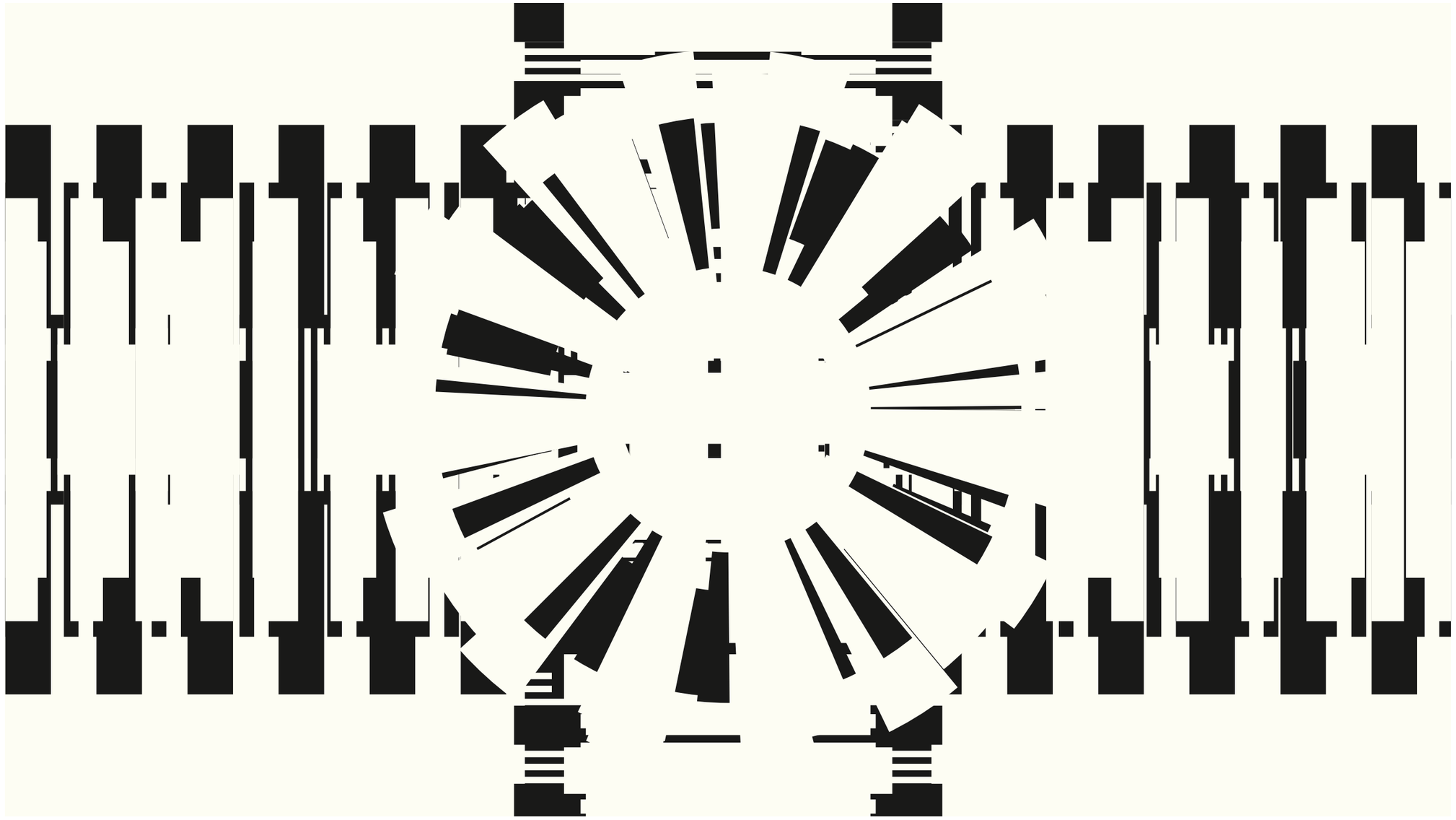
.|_ cloud of pixels probabilities clump densities likelihood noise _|.|.| boltzmann
entropy analogue encoded signal computation ..-|| digit swarm translation |+|

..|. literature science novel science poetry science |..||.| narrative past text
pollination ..-|| picture science syntax metaphor diagram |+|+_+ divine static
steady state #_#&=^ mythic science ||..|. evolving ever changeful circle science
^..|.| taut self-organizing orbit science &_&|| geometric atmospheric light nitrogen
+0+**+_+** nutrient profile adaptation |||&=^ mineral light weather water |..|..|. vial
drop science ..-|.| torn curtain broken window chaos science |+|

the

.|_ receiver net web electron field short wave thatch _|.|.| wireless signal code ..-|| number station urgent message |+|+_+ change of course #_#&=^ turn back the clock (re)do (red)o stop the gears ||.|_ throw the switch ^..|.| turn the helm the wheel the tide the orbit &_&|| mend restart retrain reboard rewire +0+_+ electrify set in motion |||&=^ animate & breathe _|.

..|. once again repeat again retie retry reweave again |..||.| a name uttered speak again ..-|| reclaim restore correct |+|



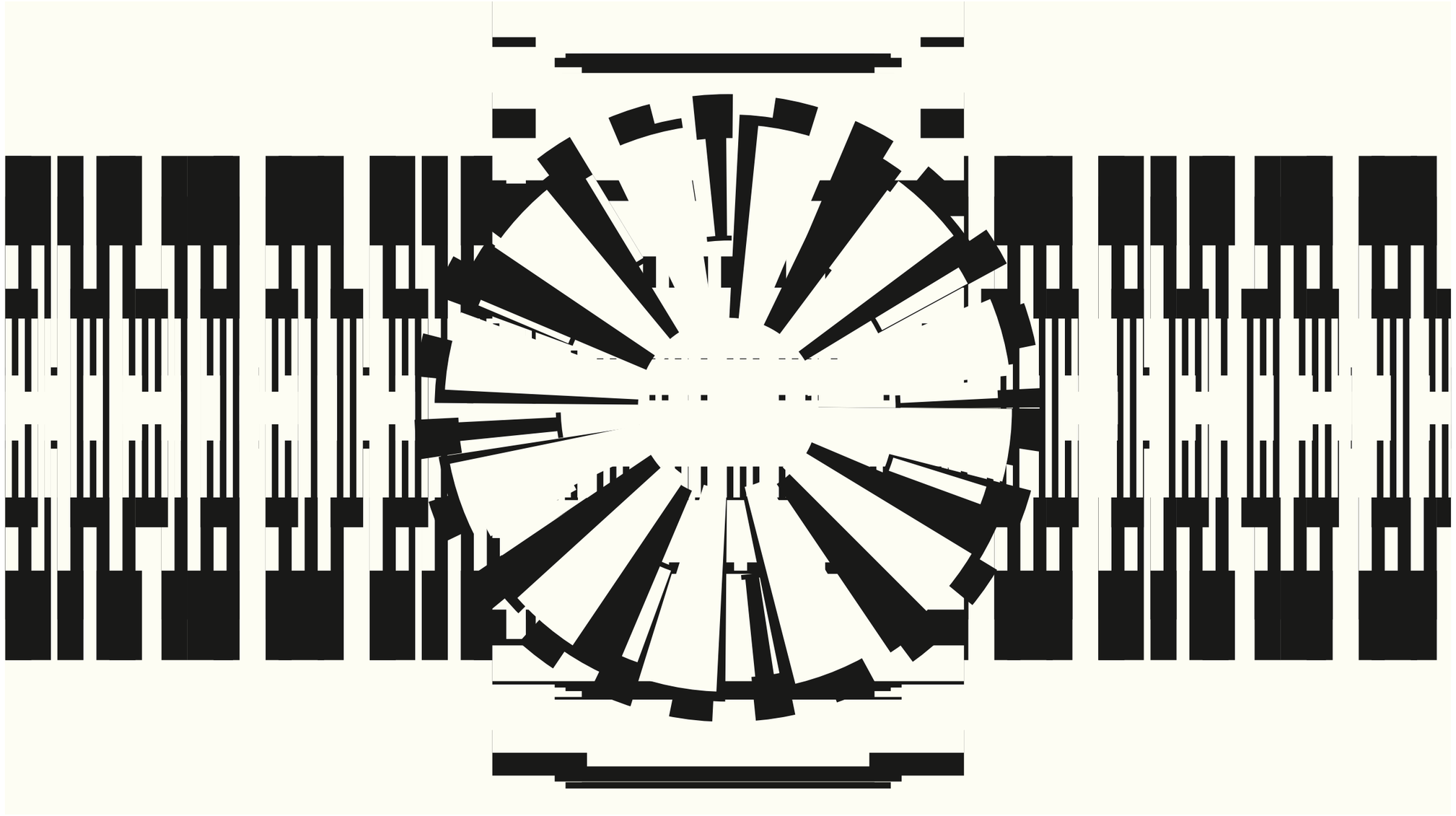
vibrant

.|_ database of tools _|.|.| inventory manuscript ..-|| shadow cave projection |+|

..|. grassland reclamation |..||.| archive parchment traveler rider repair(*man) blade ..-|| a solitude of vastness vibrant vertiginous chlorophyll tinged hum |+|+_+ birds insects clouds #_#&=^ young queer slender deer ||..|. a glowing noise a unity a collision a confluence ^..

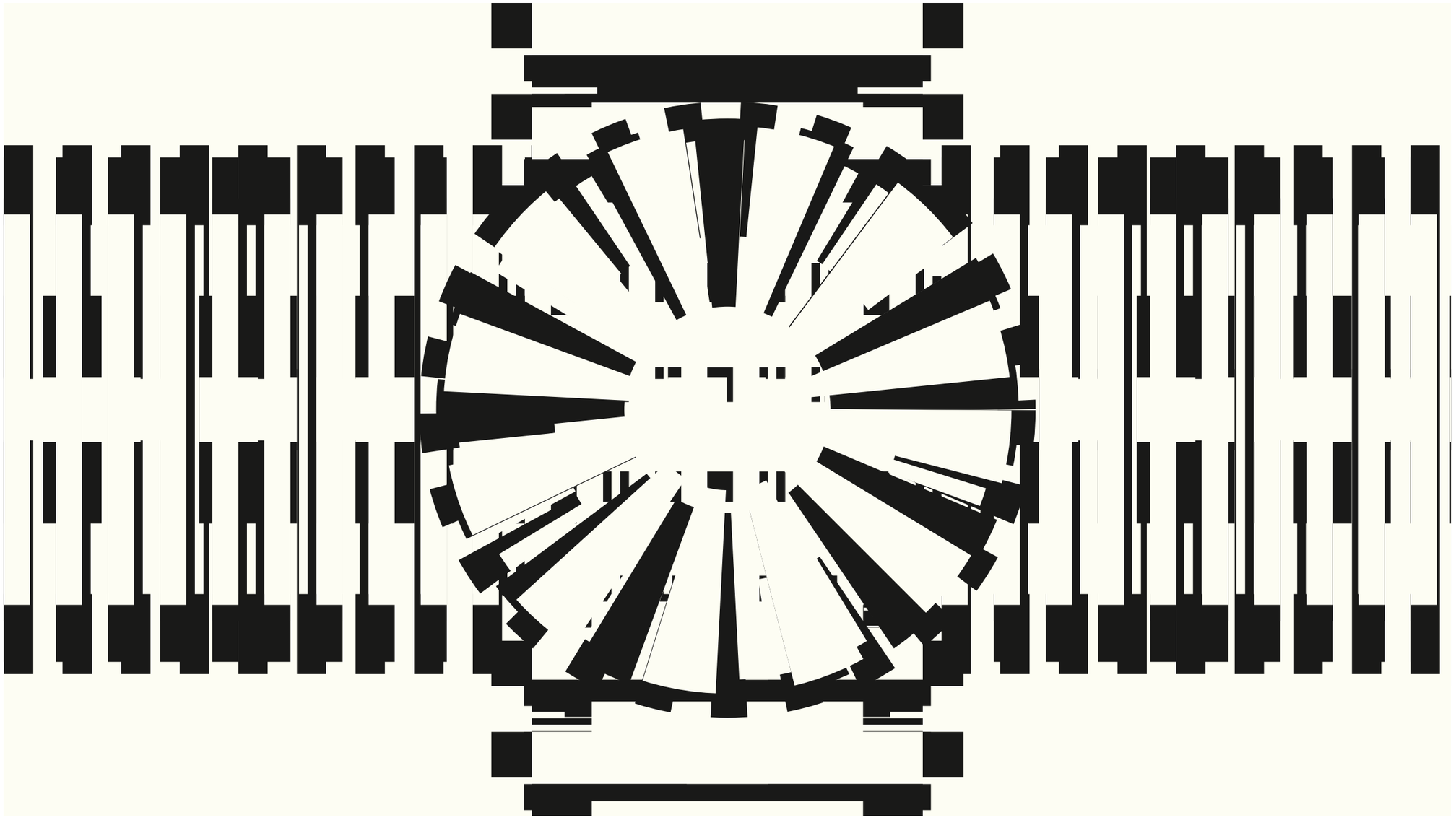
.|_ time bends forward leans back _|.|.| circles like a bird of prey ..-|| tensile stem ::: a cellular conductance |+|+_+ electric neural circuit blood #_#&=^ windswept dream of flight ||.|_ vessel heart rib & loom ^..|.| taut sinew vein &_&

..|. a knot a sailor |..||.| a sparse insect count ..-|| clear windshield |+|+_+ bee by bee sparse matrix #_#&=^ once wild swarm buzz now ||..|. a one by one flower hover ^..|.| sparse set pollen heat &_&



cast

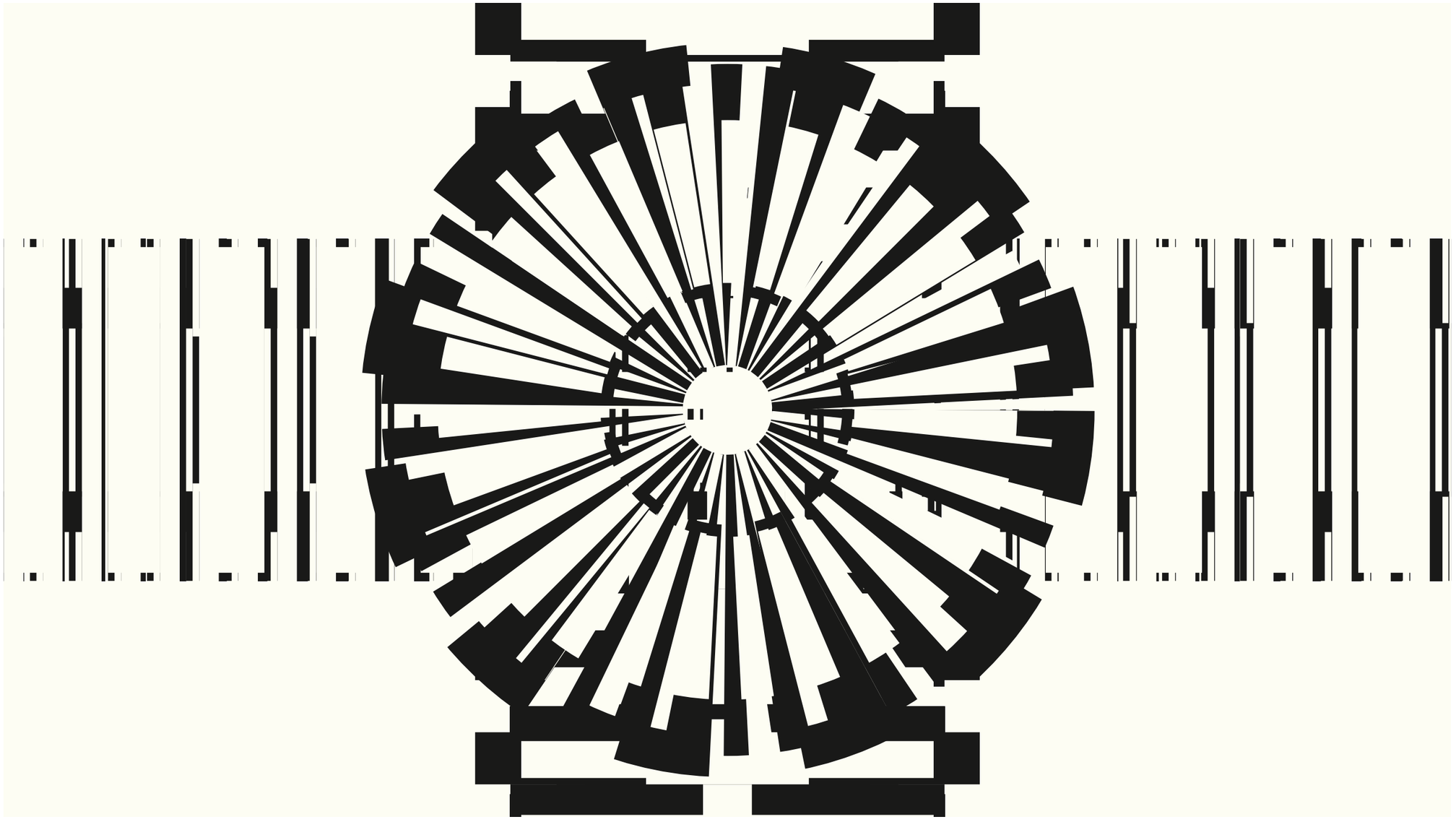
```
.|_ cast projections _|.|.| shadows along ..-|| interior walls |+|+_+ the mind's
#_#&=^ ceiling ||.|_ vowels ^..|.| a hollow echo &_&|| text +0+|+_+ &. white |||&=^
space _|.

..|. i mean a |..||.| blank ..-|| echo |+|+_+ gravity #_#&=^ word orbit ||

.|_ suspended minutes _|.|.| blackhole now-ness ..-|| careening weeks |+|+_+ eye of
the hurricane #_#&=^ in its stillness ||.|_ drew in whole ^..|.| years &_&
```



lace

.|_ on the afternoon of the 8th day _|.|.| repairman rider passenger lone bird ..-|| grass blade dyke (our hero zero rider ze) |+|+_+ only a bird not a god #_#&=^ only an old sewing machine ||

..|. treadle & thread |..||.| stitch back repair repair ..-|| lace prairie weave roots |+|+_+ pump light well bind #_#&=^ animate turn breathe ||..|. circulate & mend ^..



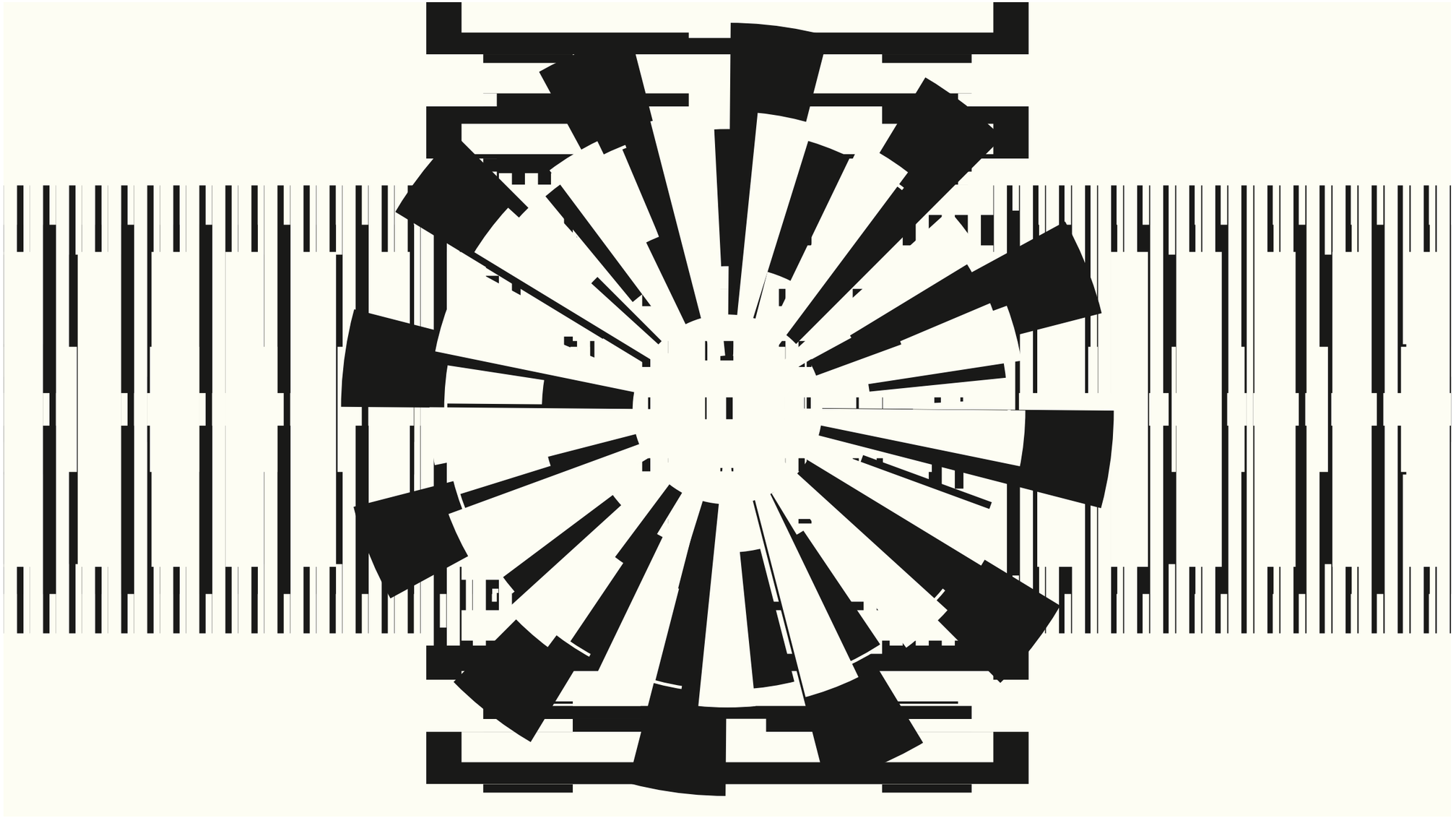
circuit

.|_ database of tools _|.|.| inventory manuscript ..-|| shadow cave projection |+|

..|. grassland reclamation |..||.| archive parchment traveler rider repair(*man) blade ..-|| a solitude of vastness vibrant vertiginous chlorophyll tinged hum |+|+_+ birds insects clouds #_#&=^ young queer slender deer ||..|. a glowing noise a unity a collision a confluence ^..

.|_ time bends forward leans back _|.|.| circles like a bird of prey ..-|| tensile stem ::: a cellular conductance |+|+_+ electric neural circuit blood #_#&=^ windswept dream of flight ||.|_ vessel heart rib & loom ^..|.| taut sinew vein &_&

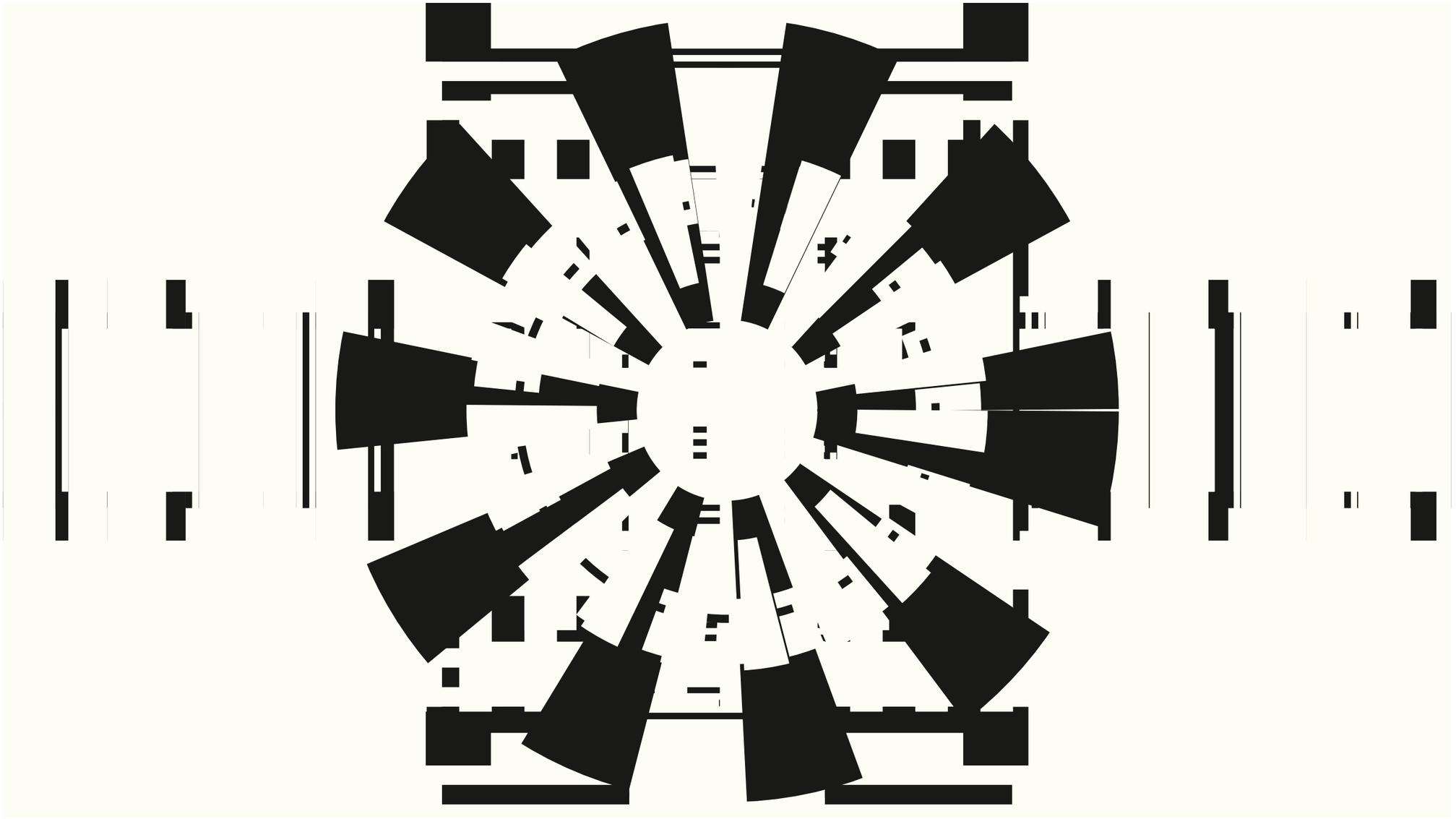
..|. a knot a sailor |..||.| a sparse insect count ..-|| clear windshield |+|+_+ bee by bee sparse matrix #_#&=^ once wild swarm buzz now ||..|. a one by one flower hover ^..|.| sparse set pollen heat &_&



friction

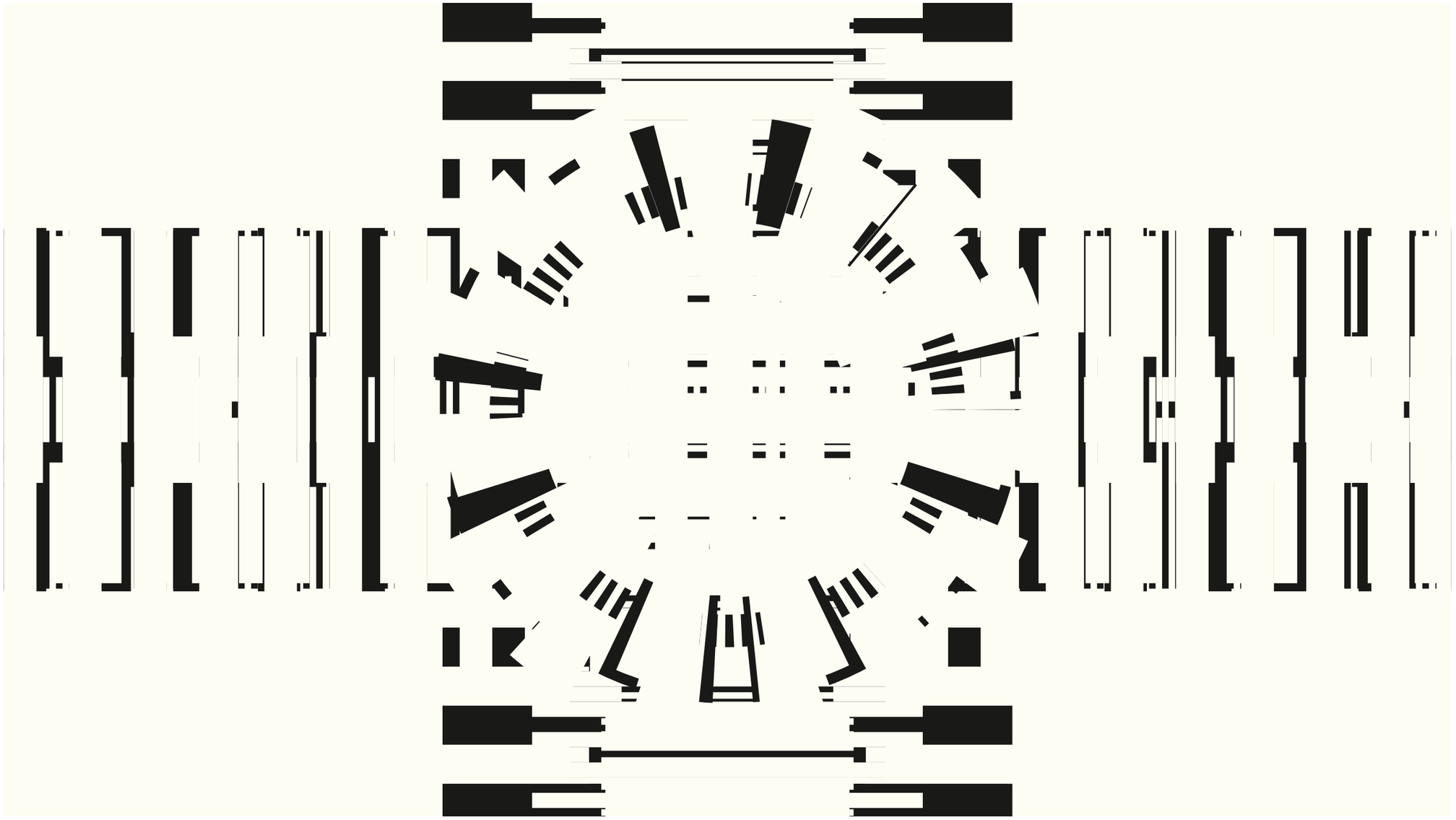
.|_ cloud upside down root sequestration _|.|.| stop hold bar block this avalanche of loss ..-|| skeleton machine skull writing ceiling wailing keening siren howl feedback broken |+|+_+ wire cricket friction klezmer waltz reed membrane wind bone mallet hollow stem #_#&=^ a regiment of meadow ||.|_ circus tent swirling dendrite dervish dance cybernetic helm storm mast mass ^..|.| sunless subway depth &_&

..|. horsepower wind dams & mill harness velocity reactant |..||.| nutrient use production efficiency industry! rhizome microbes bacteria ..-|| soil rushes moss wing drawers files books tape press type ink compression & encodings |+|+_+ digital transcriptions vinyl pressings drawings equations journals samples collections bodies #_#&=^ filaments antenna wing skull vertebrae jaw hand stalk leaf flower pollen ||..|. route cellular trace remnants residue ^..|.| film plaster fossil cave ochre & charcoal forms contours the hunt the relation the web &_&|| pins papers stamp data survey study researcher walking catching pulling recording retrieving +0+**+_+** net knapsack bullet glove transect count map compare average mean value |||&=^ variation noise signal caught taxonomy of system observation of change |..|..|. record function deduction of web ..-



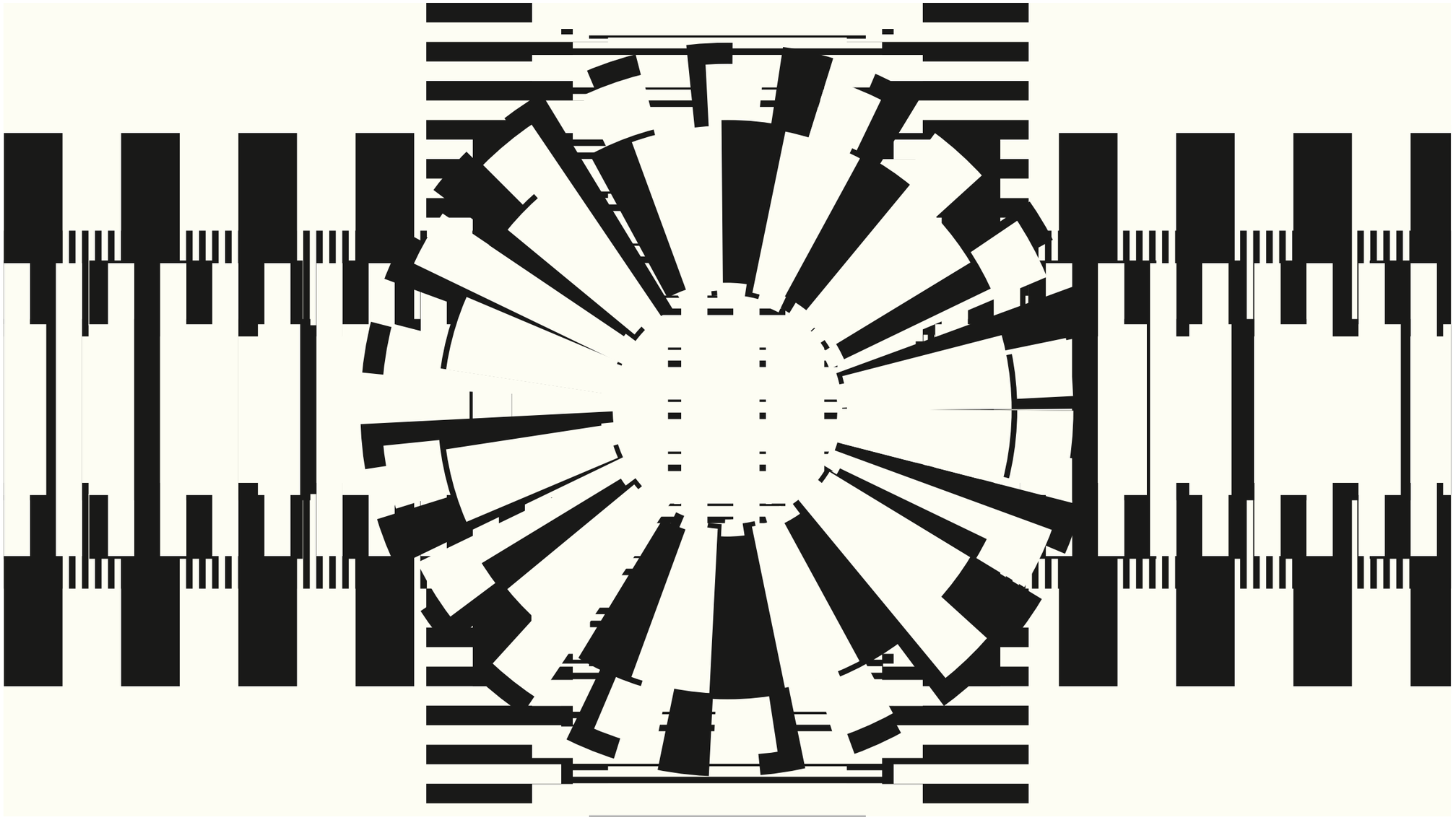
taut

.|_ downward glance creased map old building vacant transmission _|.|.| radio station cement wire wood vinyl recordings ..-|| grass forgotten language roles enactment script score reading glass |+|+_+ stone paper vinyl microfiche transmission reception receiver sensitive #_#&=^ convergent frequencies overlayment sine wave addition sums sound score recording ||.|_ many languages multiple dimensions C N P frequencies ^..|.| some below the threshold of hearing &_&|| others short fast high all at once +0+*_+ different scales different velocities different currencies materials markets of exchange |||&=^ it would be hard to put this back together information lost sent number station _|..|_ codes plurality of transmissions ghost radio ..-|.| put the sound back put back transects seasonal constellations geometries probabilities |+||| catalysts circulations taut dependencies resilience arithmetics liminal clocks #_#+_+ the eco-polyphonics of all living systems ||



now

.|_ handbook of codes (1938 ::: 4th edition) _|.|.| corner ledger entry ..-|| creased marked stained |+|+_+ unsteady hand page 48 #_#&=^ pointer to drawer 89 ||.|_ swiftly culled collection ^..|.| quickly scrawled notation &_&|| hike knapsack specimen +0++_+ slender tender |||&=^ sun salutation _|..|_ pale & rising leaves ..-|.| slow tango |+||| archer & the doe #_#+_+ deftly spun golden silk ||&=^ ecstatic synthesis ^...|_ snapshot &_&|.| drawing sky to soil +0+|| a rhizomatic broadcast |||+_+ joyful ode electric pulse _|.

..|. that day the hiker struck & gathered |..||.| stamped & scrawled ..-|| a description the day |+|

.|_ flash drive _|.|.| cellular recollection ..-|| slowly fading |+|+_+ casting of a day #_#&=^ plant companion ||.|_ pulsing network ^..|.| etched on vinyl &_&|| voice wind chorus meadow chord +0++_+ a sound restated now |||&=^ perhaps could permeate the ether _|.