topology

sketch ::: 1706410375631

mctavish

against

.|_ the passenger left & wandered to the river edge _|.|.| tall grass abandoned plot slope tangled bank ..-|| electric passenger |+|+_+ feathers against the ripe pale blades & reedy fishers #_#&=^ spark filament poetry orchestration animation ||.|_ memory storage bank ^..

..|. after 8 days on the 8th day at 3:48 |..||.| the passenger left the building & wandered ..-|| towards river edge past tall grasses abandoned plots |+|+_+ down sloping entangled bank worn burdened electric passenger #_#&=^ lay down feathers against the ripening pale blades & watched ||..|. the reedy fishers bent stalks headed trousers folded ^..|.| pail in hand to shore chlorophyll surging through limbs &_&|| pulsing turning in the yellow light +0+

parameter

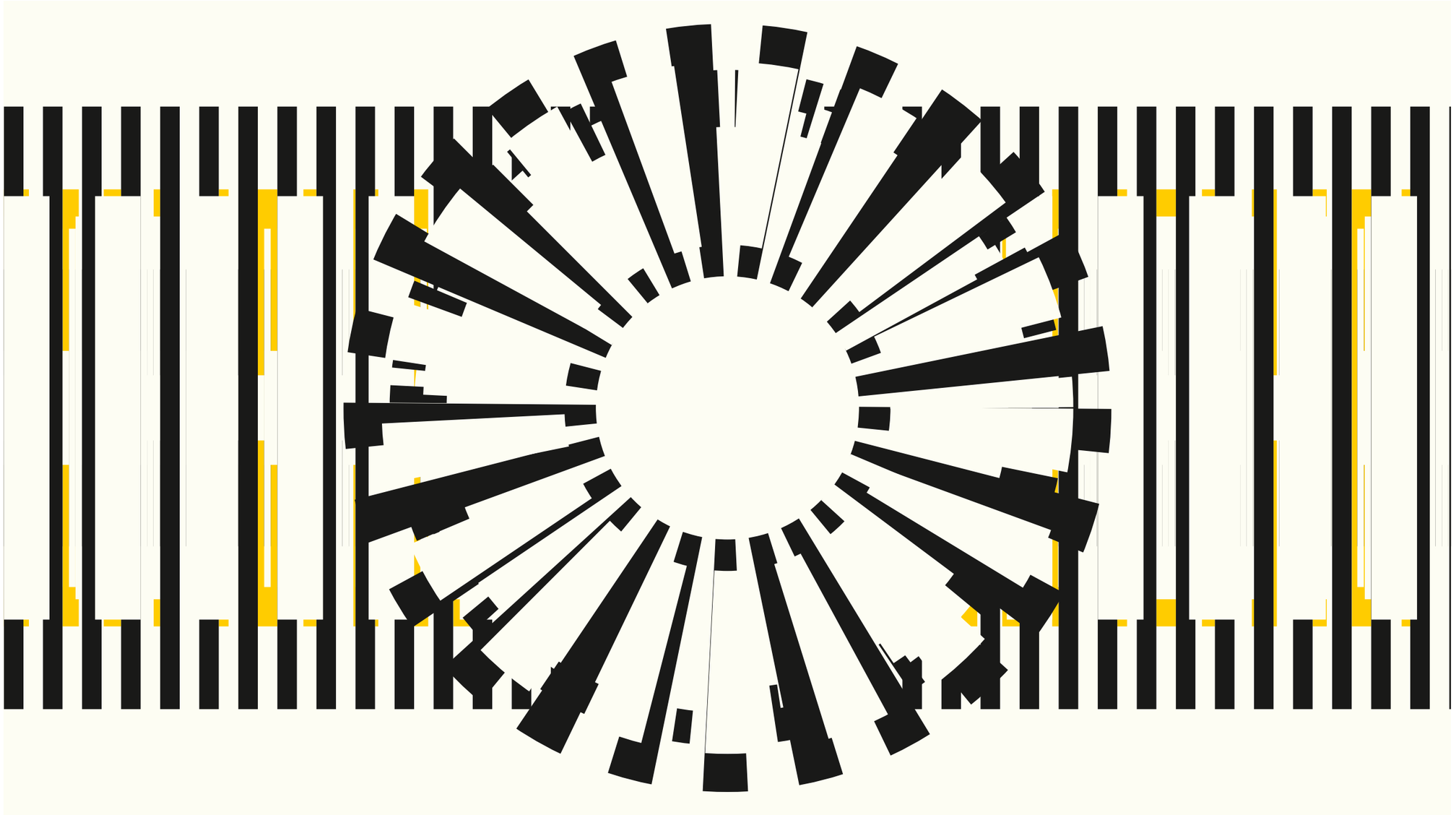
.|_ parameter variable matrix _|.|.| grid structure thing ..-|| observation frame tool |+|+_+ equations models contours #_#&=^ distillation estimation ||.|_ syntax set domain & range ^..|.| functional translation &_&

..|. not constrained in columns |..||.| not implicit static vertex stone ..-|| explicit fluid statement sets |+|+_+ reified relations #_#&=^ triples ||..|. articulated ^..|.| joins &_&

.|_ the lattice the ladder the sky _|.

..|. queer isocline bent contour curve |..||.| topographic skew ..-|| blue green florescence rush |+|+_+ wide-hipped hue #_#&=^ the morning light chlorophyll ||..|. rubbed blades rain or dew ^..|.| hush suspended ready electric &_&|| whispered static light +0+**+_+** the lattice the ladder the sky |||

.|_ slender stem blade .&. meadow _|.|.| harmonic structures ladders heavens ..-|| tonality ecology dynamics systems weather |+|+_+ synthesis loom radio sky #_#



languages

.|_ 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 ||

every

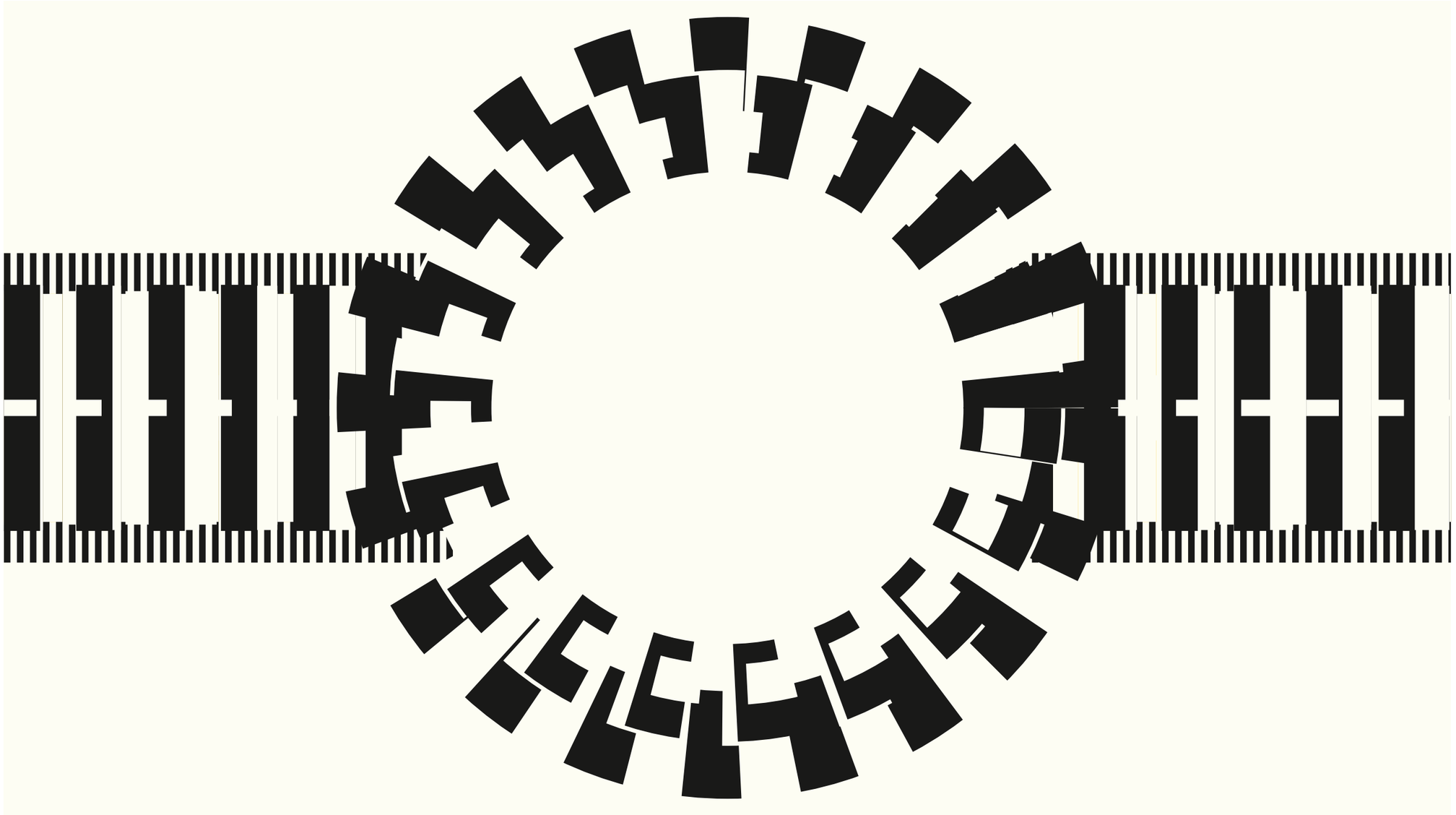
.|_ solitude _|.|.| not silence ..-|| every morning |+|+_+ heat rises #_#&=^ in this ||.|_ basin ^..|.| these bones &_&

..|. polar landscapes |..||.| melt ..-|| colonists of wind |+|+_+ dust storms #_#&=^ settle the globe ||

.|_ no rain _|.|.| longing ..-|| thirst |+|+_+ drought #_#&=^ it was like this ||.|_ every morning ^..

..|. watering can |..||.| metallic echo ..-|| pale green |+|+_+ drip #_#

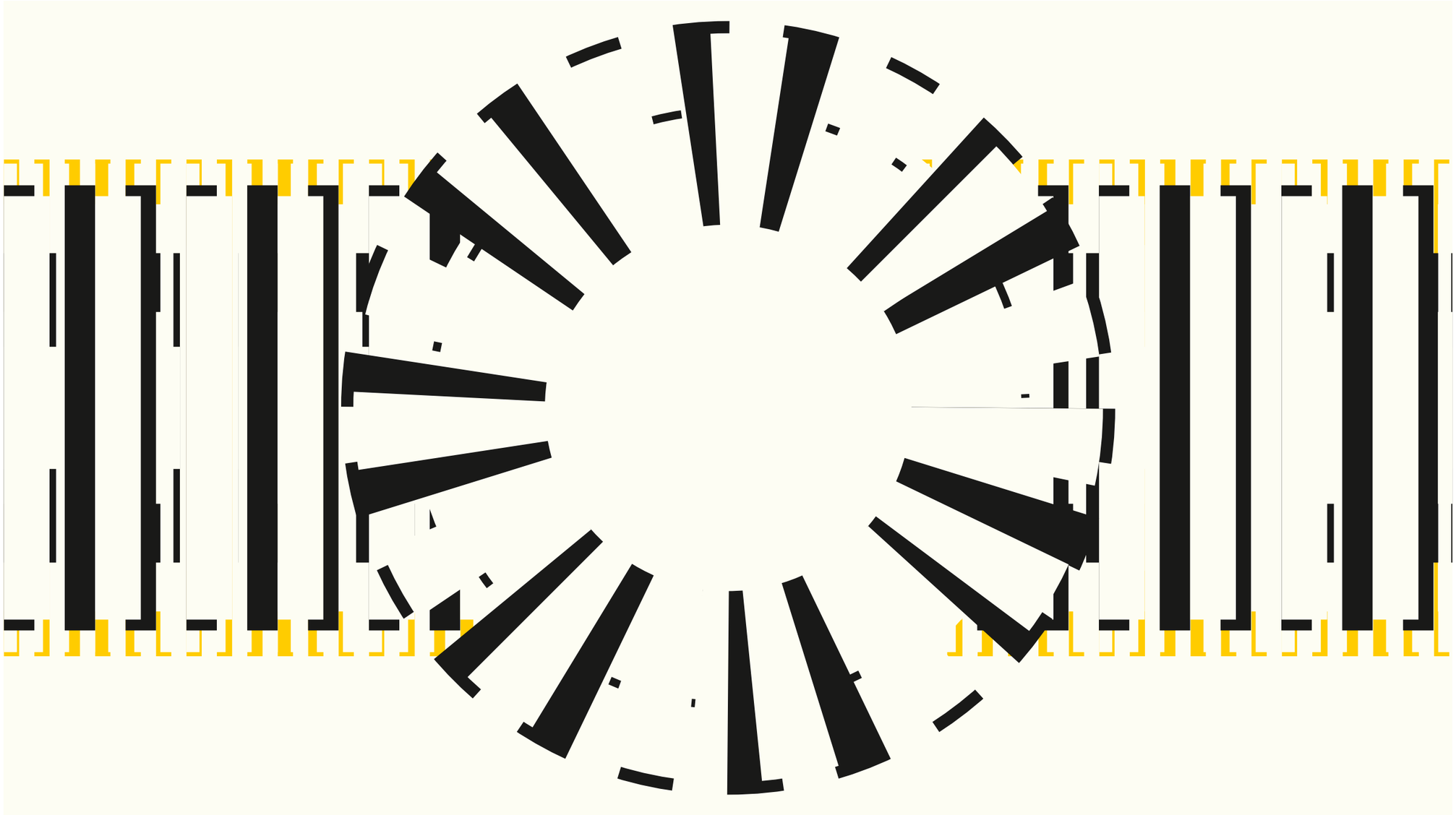
.|_ industry! _|.|.| empty hands ..-|| vacant skull |+|



singer

.|_ 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 ..-

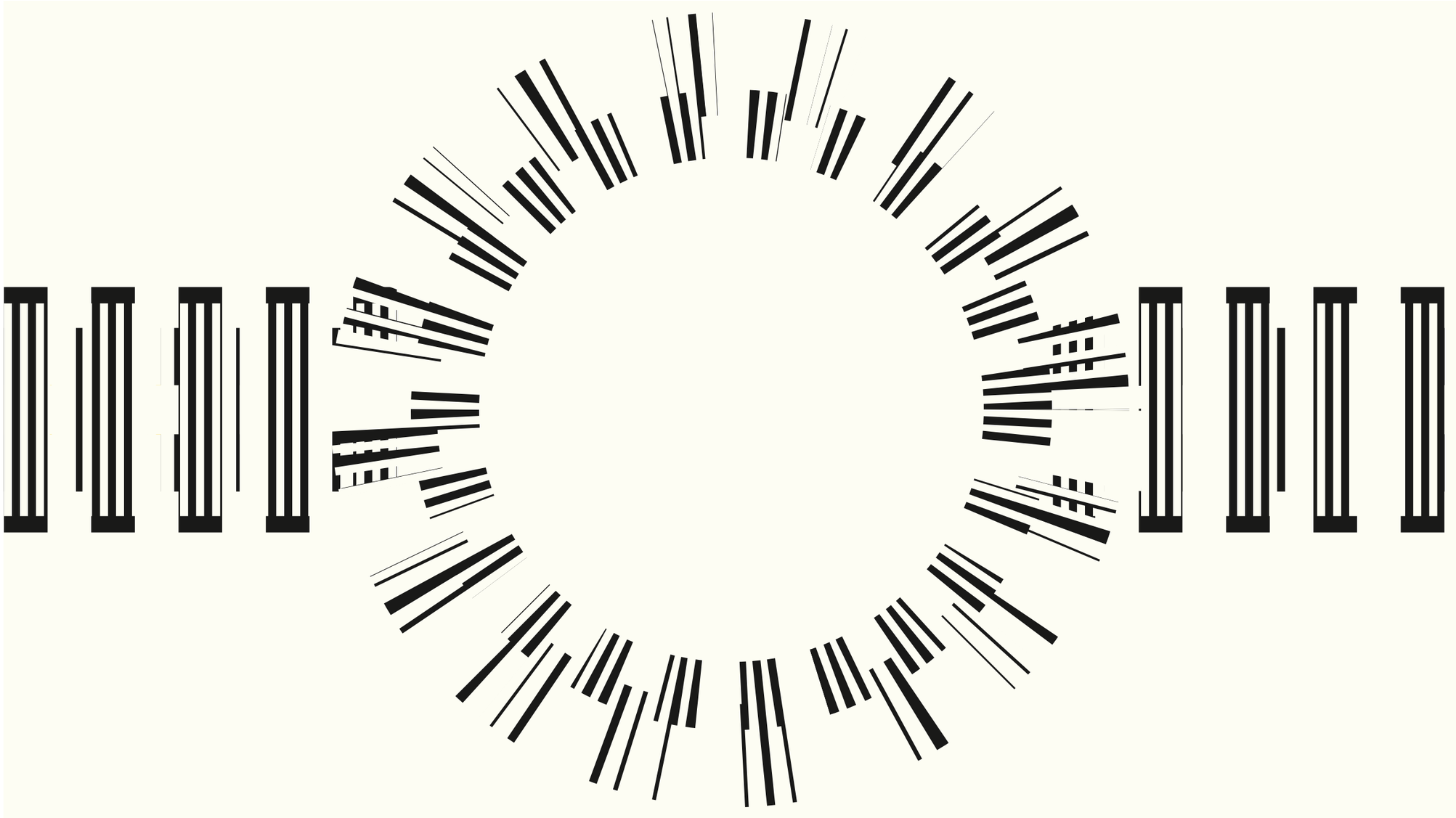
..|. slender threshold beat => tone (frequency wave) |..||.| particle rhythm synthesis ..-|| sea matter light |+|+_+ redfield 1958 strange ratio #_#&=^ woven fabric green & ||..|. flight ^..|.| the bird sang one last song &_&|| bird singer song +0+++_+ dated stamped labeled |||&=^ vinyl voice specimen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



restoration

.|_ 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+



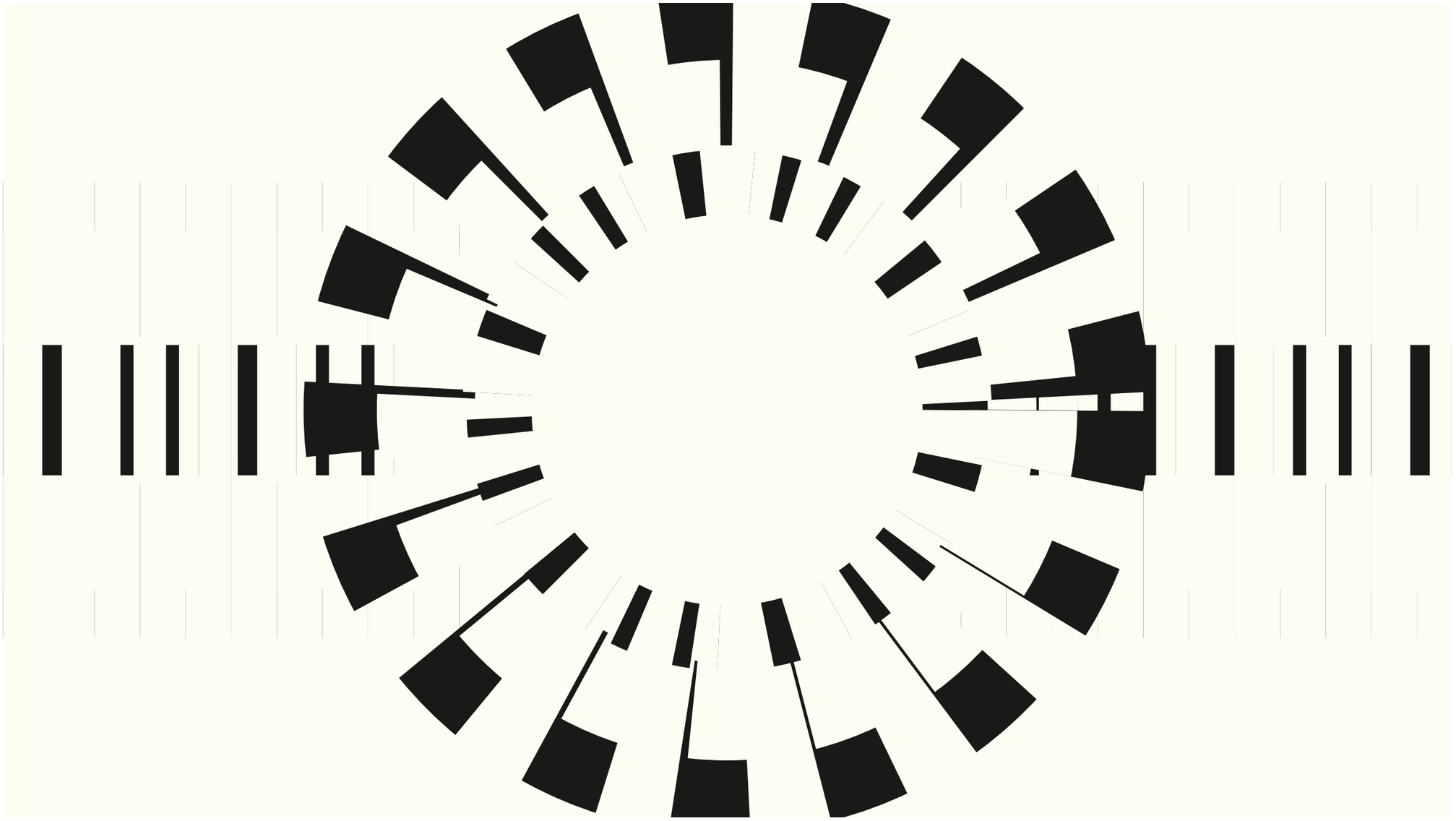
moment

.|_ 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 |||

orbits

.|_ 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 |||

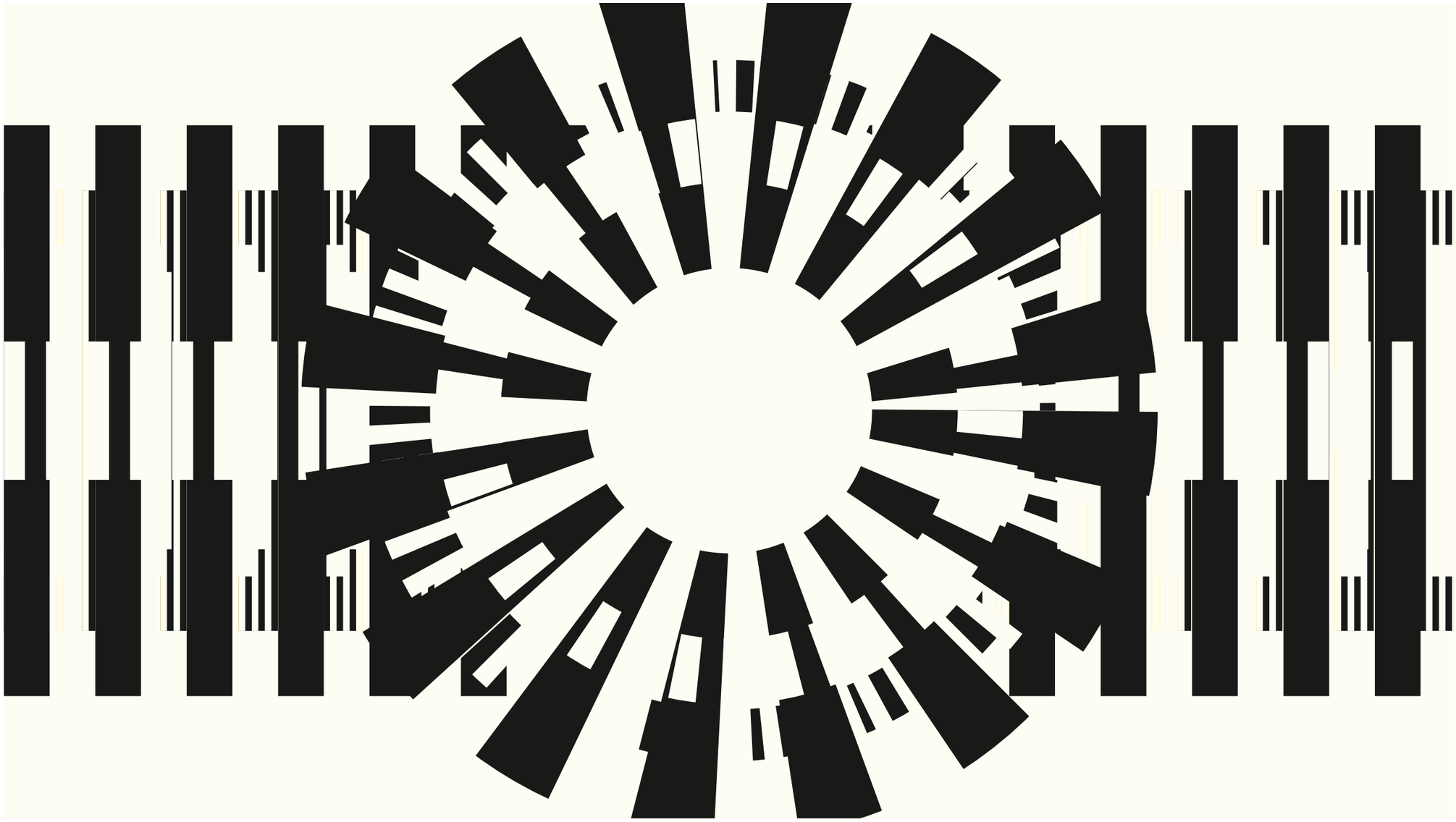


cycle

.|_ industry! _|.|.| gears machines efficiency ..-|| plow & yoke |+|+_+ breaking ground #_#&=^ carbon cycling ||.|_ bound flow ^..|.| tensile vectors &_&|| release capture +0++_+ web cycle graph system lattice |||&=^ plumes & spills _|.

seismograph

.|_ 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 ..-

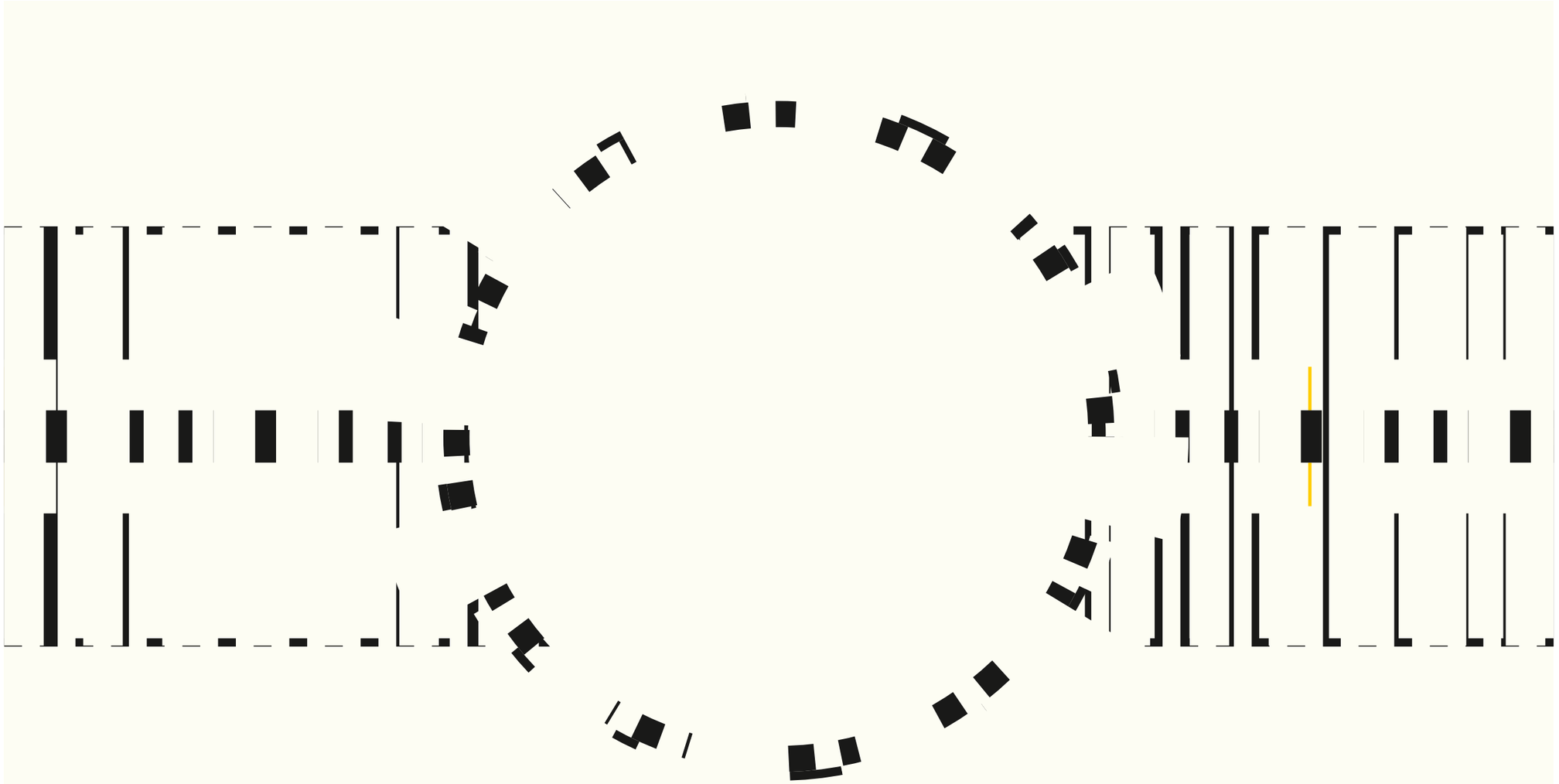


ideal

.|_ a cast back cellular recording _|.|.| etched on vinyl record number 43 ..-|| still intact the voice & windy chordal chorus meadow |+|+_+ vinyl pulsing network #_#&=^ perhaps if sent through radio wave & echo ||.|_ sound reclaimed restored restated ^..|.| ghostly sonic vapor could elicit in its hearing &_&|| a tender recitation (re)creation reclamation restoration reformation +0+_+ redemptive grass reenactment transmigration |||&=^ root-to-root transmission _|..|_ & a material transfer flux & flow equation ..-|.| formula calculation run through |+||| wrung through monte carlo iterations #_#+_+ stochastic rinse residue distillations oscillations ||&=^ chord progressions ::: rhythmic titrations ^...|_ an ideal polyphony this vital web &_&|.| (re)creation would be difficult & risky +0+

backspaceparticle

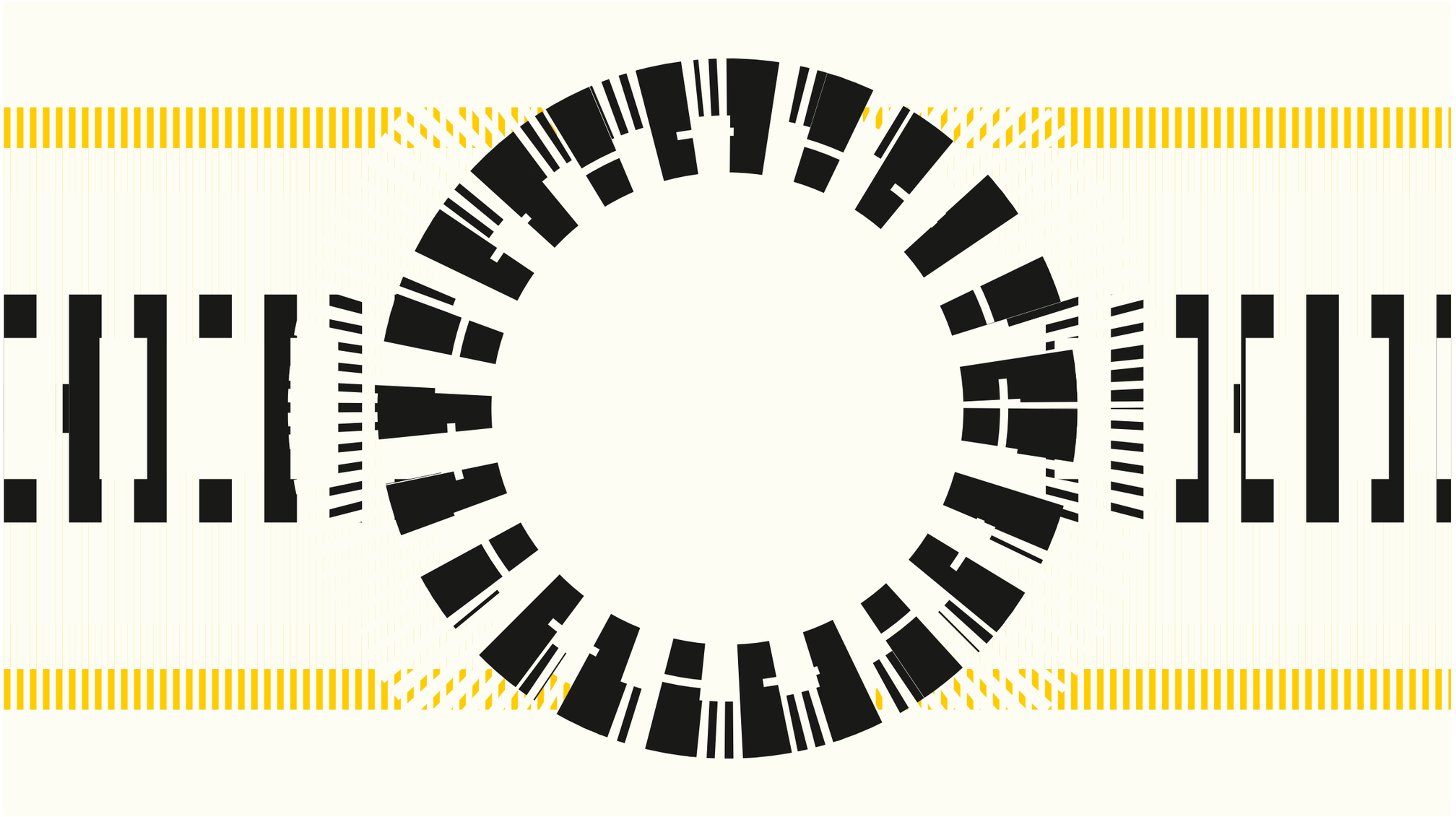
```
.|_ industry(!) _|.

..|. 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 ^..
```



roots

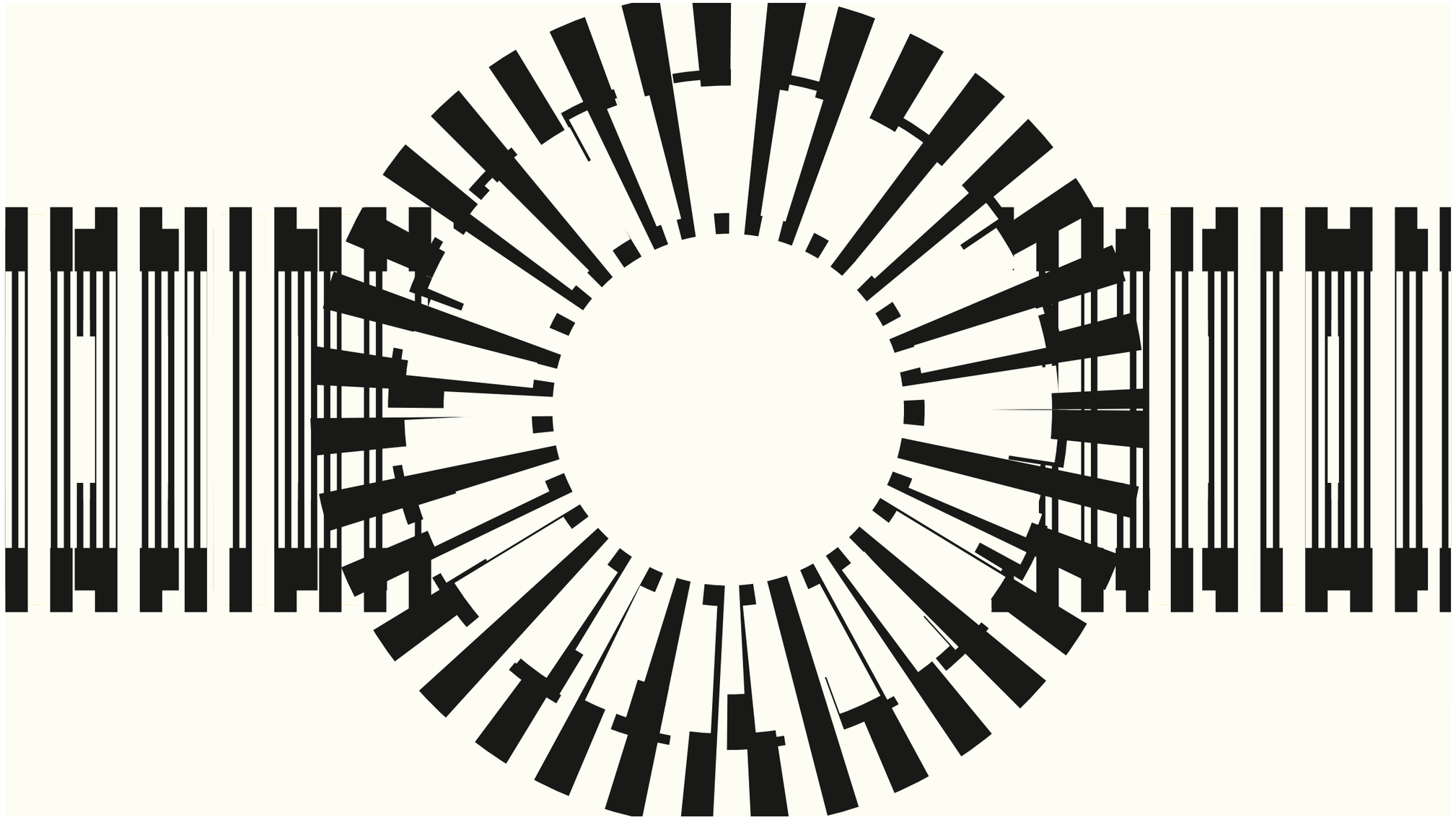
.|_ on the afternoon of the 8th day _|.|.| repairman rider passenger lone bird ..-|| grass blade dyke (our hero zero rider ze) |+|+_+ only a bird not a god #_#&=^ only an old sewing machine ||

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



an

```
.|_ 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 &_&
```



&

.|_ 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 |+|

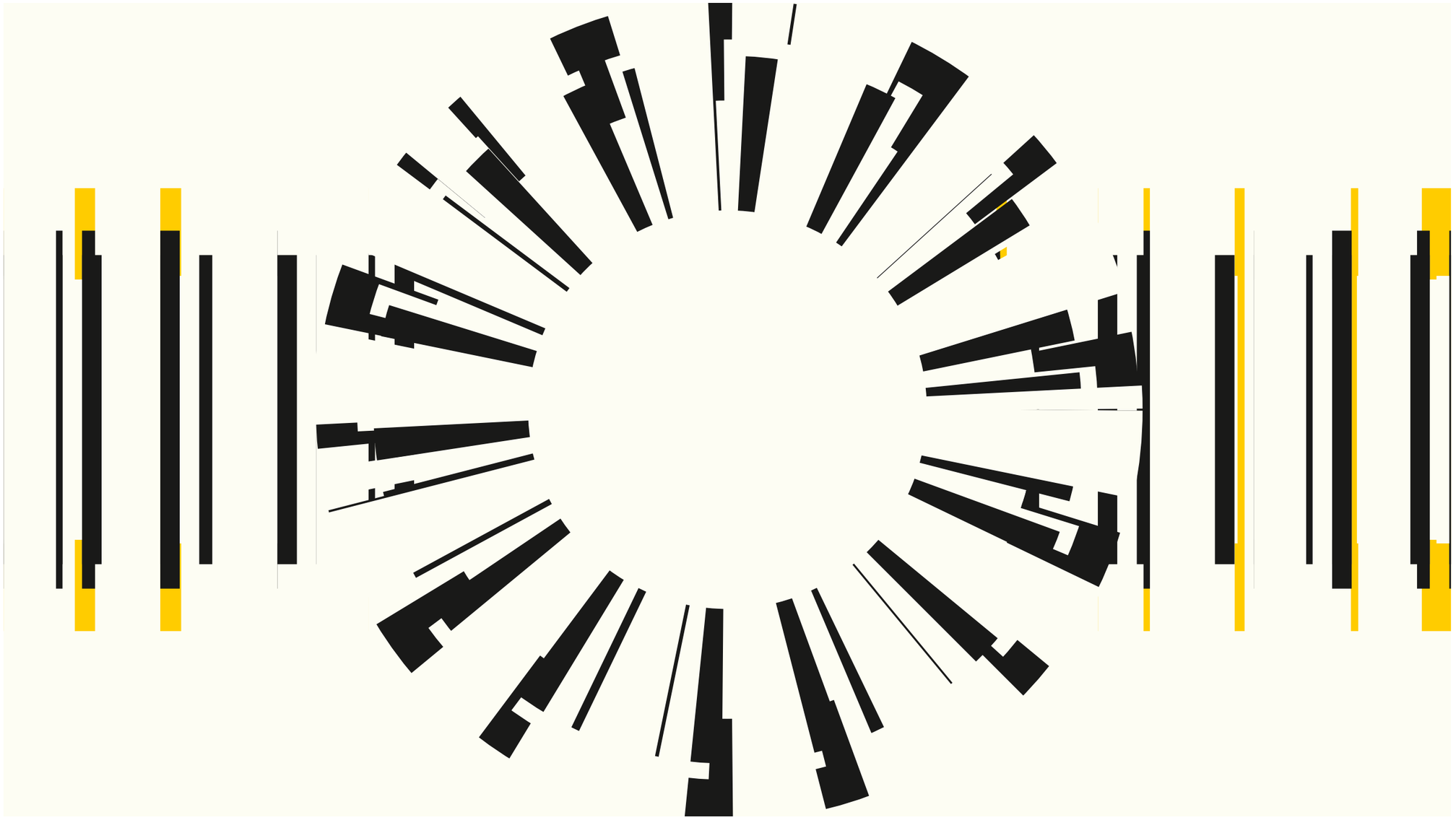
.|_ night crow no time graffiti angel _|.|.| icarus ghost bird ..-|| radio pluto |+|+_+ washington avenue #_#&=^ bridge subway warehouse ||.|_ symphony of metal ^..|.| concrete & glass &_&|| blades grass +0+_+ blades accordion |||&=^ sheet music _|..|_ sheet metal ..-

culled

.|_ 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 _|.

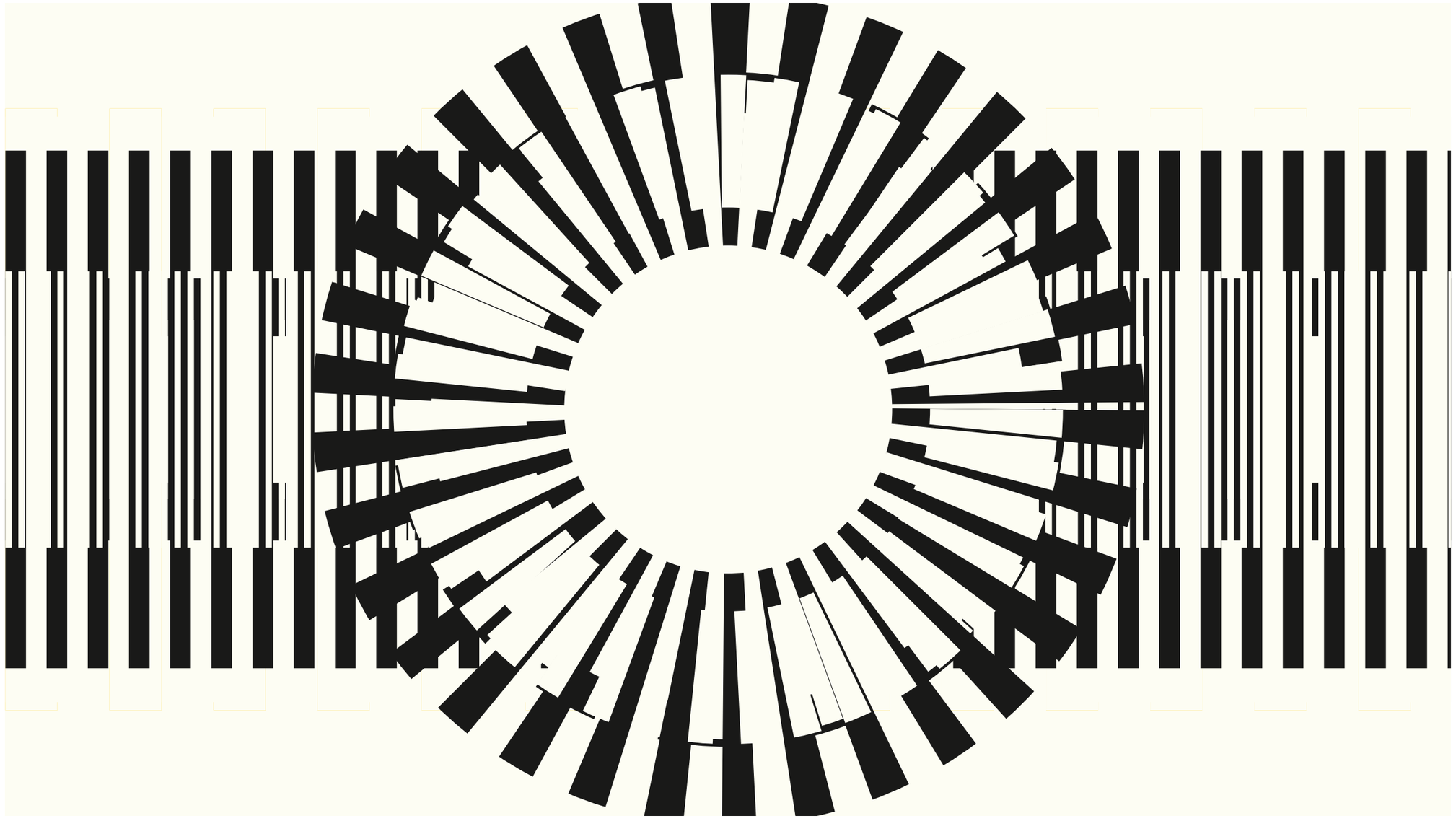


relation

.|_ 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 ||



fields

```
.|_ 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 ||
```

&

.|_ 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 |..|

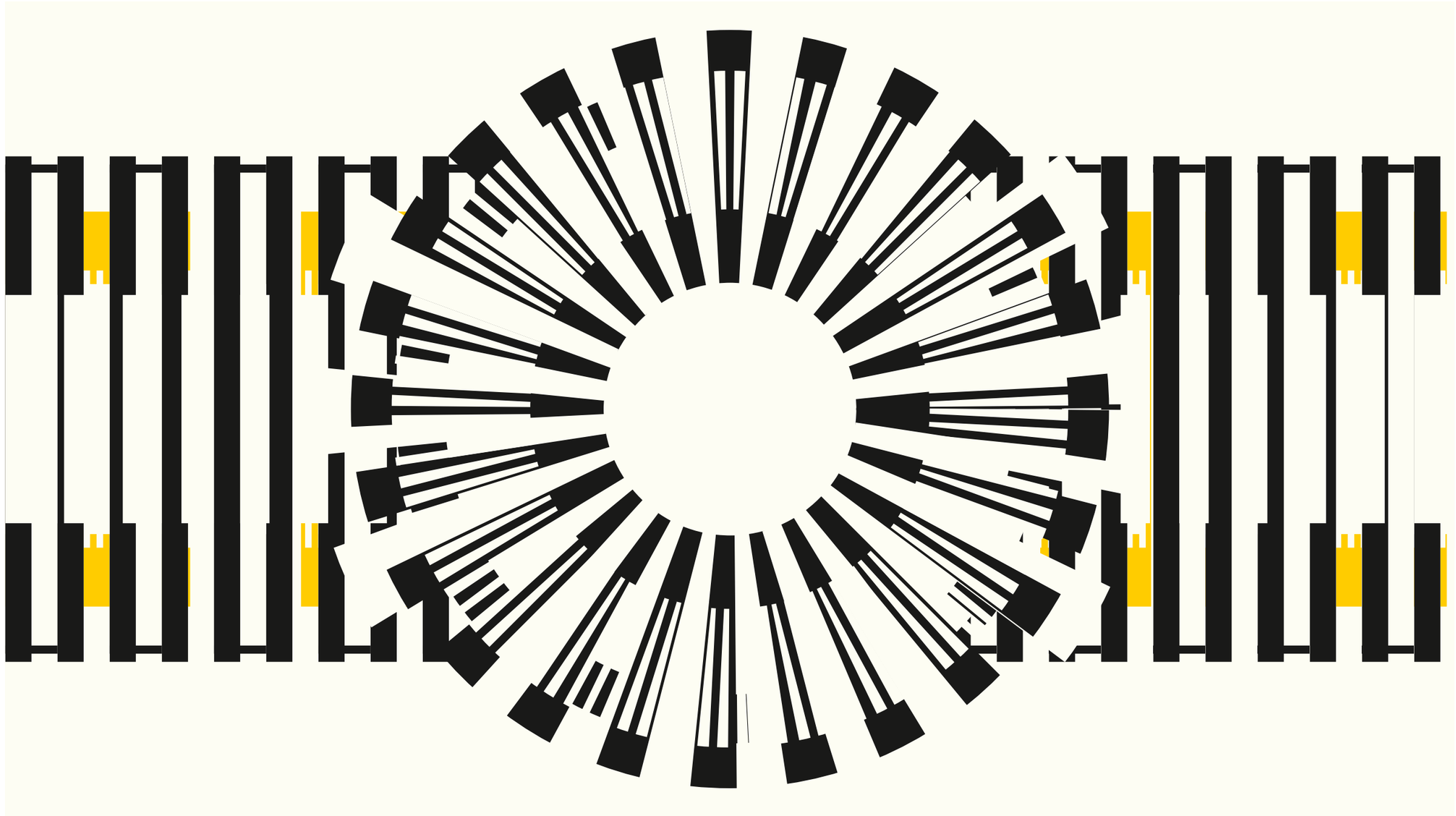
.|_ seemingly infinite => countable _|.|.| 2 (not many) ..-|| 1 (one => zero) |+|+_+ abstraction reduction #_#&=^ trace contour ||.|_ subtraction ^..|.| collapse &_&|| absence +0++_+ zero |||&=^ ghosts _|.

hollow

.|_ 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 ||

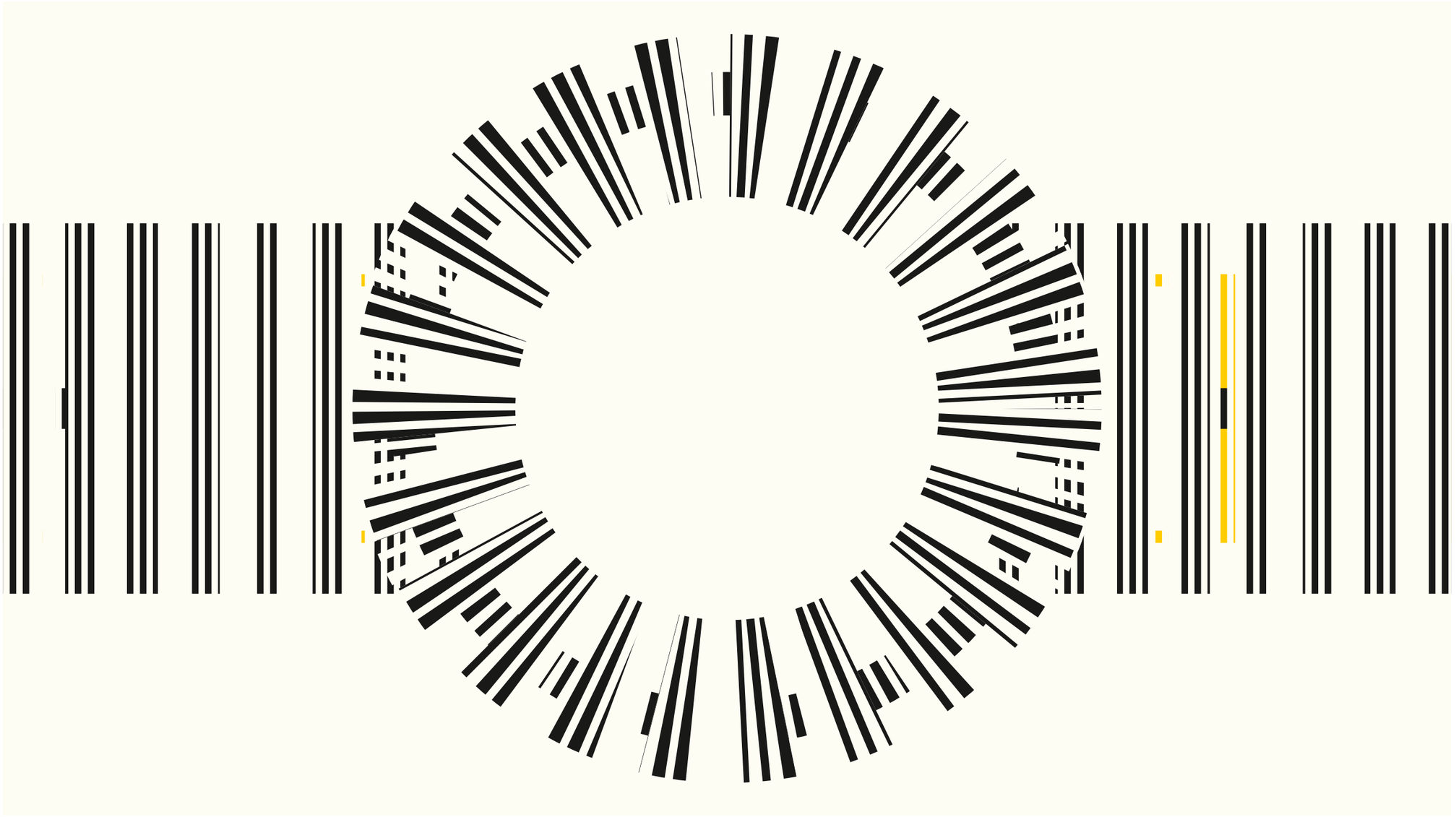
.|_ suspended minutes _|.|.| blackhole now-ness ..-|| careening weeks |+|+_+ eye of the hurricane #_#&=^ in its stillness ||.|_ drew in whole ^..|.| years &_&



lone

.|_ trace erosion fragment shadow window time _|.|.| season shifted local sundial noon-line fragment ..-|| blueprint blue light paper pressing |+|+_+ chronometer opacity odometer silent breath grass blade whisper #_#&=^ vapor ghost carbon cycle chlorophyll bone detrital join uptake ||.|_ weight rhizome tent matrix building frame ^..

..|. dyke blade flame night graffiti gesture neon brandish flight |..||.| for each map filter fold list railway table ..-|| (off || on 0 || 1) |+|+_+ repairman rider passenger lone bird #_#&=^ grass blade dyke (our hero zero rider ze) ||..|. thatch radio signal static dial clock pulse receiver ^..



smoke

.|_ repairman rider passenger lone bird _|.|.| grass blade dyke (our hero zero rider ze) ..-|| reviewed the course the notes the goal |+|+_+ clock cycle nutrient cycling handbook codes #_#&=^ algorithms generative recipes diagrams flow probabilities coupled difference equations score ||.|_ recorder of all things pigeon stone database journal records catalogue ^..|.| ordered voices trophic chain biome web ::: a cycle &_&|| the goal to roll back first conditions +0+_+ frames loom gears tangled strands |||&=^ particles iron flint filing receivers long echo curvatures orbits _|..|_ compass paths elliptical earth lines sky threads hertzian waves ..-|.| maxwell electromagnetic radiation spark gap transmission signal smoke |+||| moth-wing chaos cyclone silence thermal currents prairie noise #_#+_+ stochastic resilience robust fractionated adaptable evolving noise ||&=^ particles beats rhythms frequencies dissonant resplendent symphony ^...|_ verdant song radar language rubbed wings &_&|.| quickening pulse through stalk & reed +0+

spark

.|_ 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** |||

phonetics

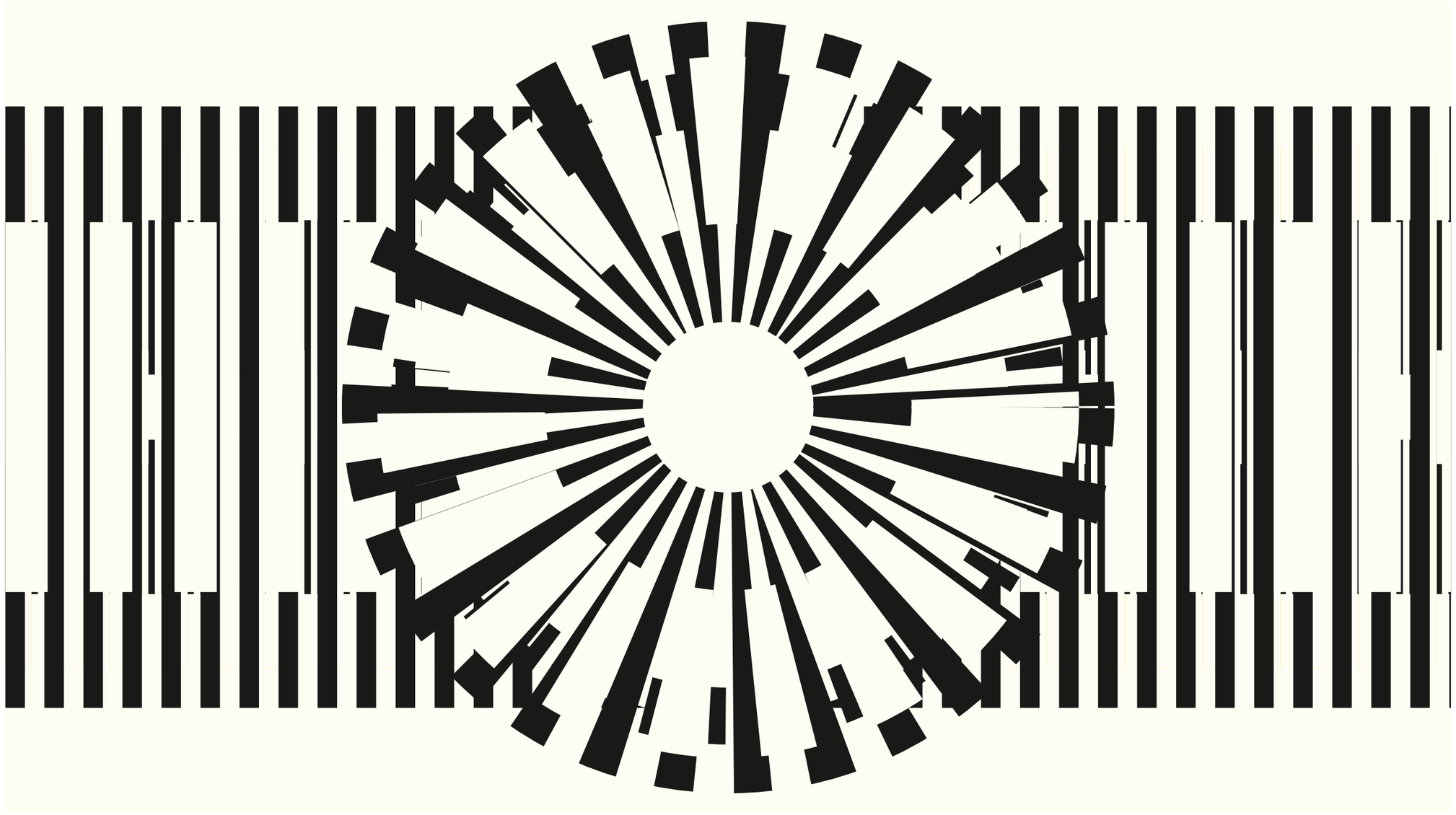
.|_ skull telescope _|.|.| recorded playback frame ..-|| incomplete phonetics |+|+_+ extinct past taxon gap #_#&=^ cipher thrivance teeming whole ||.|_ an awkward re assemblance ^..|.| blank missing vertex node &_&|| absent click track metrics scale & score +0+

..|. 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+

photosynthesis

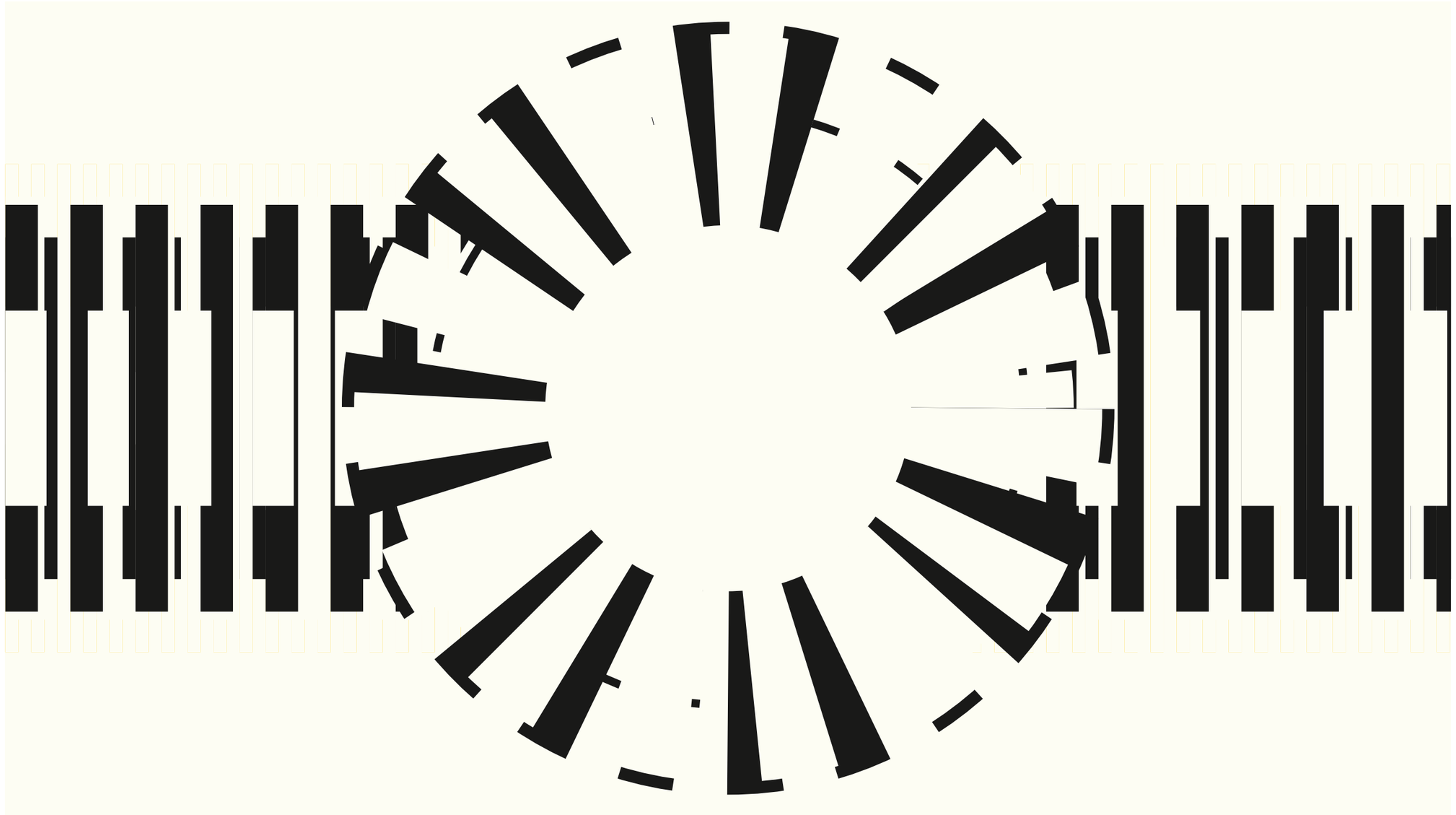
.|_ photosynthetic fusion carbon pool _|.|.| sequester sequester bury deeper ..-||
down & under & soil & fossil & black oil |+|+_+ ink memory frozen fire #_#

..|. this then this a ritual grassland reclamation |..||.| (re)enactment ..-||
action painting action coding |+|+_+ abstract insurrection #_#&=^ repair sound
reverberate ||..|. thrum thatch call ^..|.| a bird blade leaf stem &_&|| frequency
vibration +0+**+_+** signal short wave |||&=^ modulation resonation |..|..|. radio
photo destination ..-|.| a photosynthesis |+||| transfer raw vertex junction pivot
pools #_#**+_+** food web weights & likelihoods ||&=^ circle orbit cycling need ^....|.
birth growth death decay &_&|.| de compose release +0+



against

.|_ 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 ||

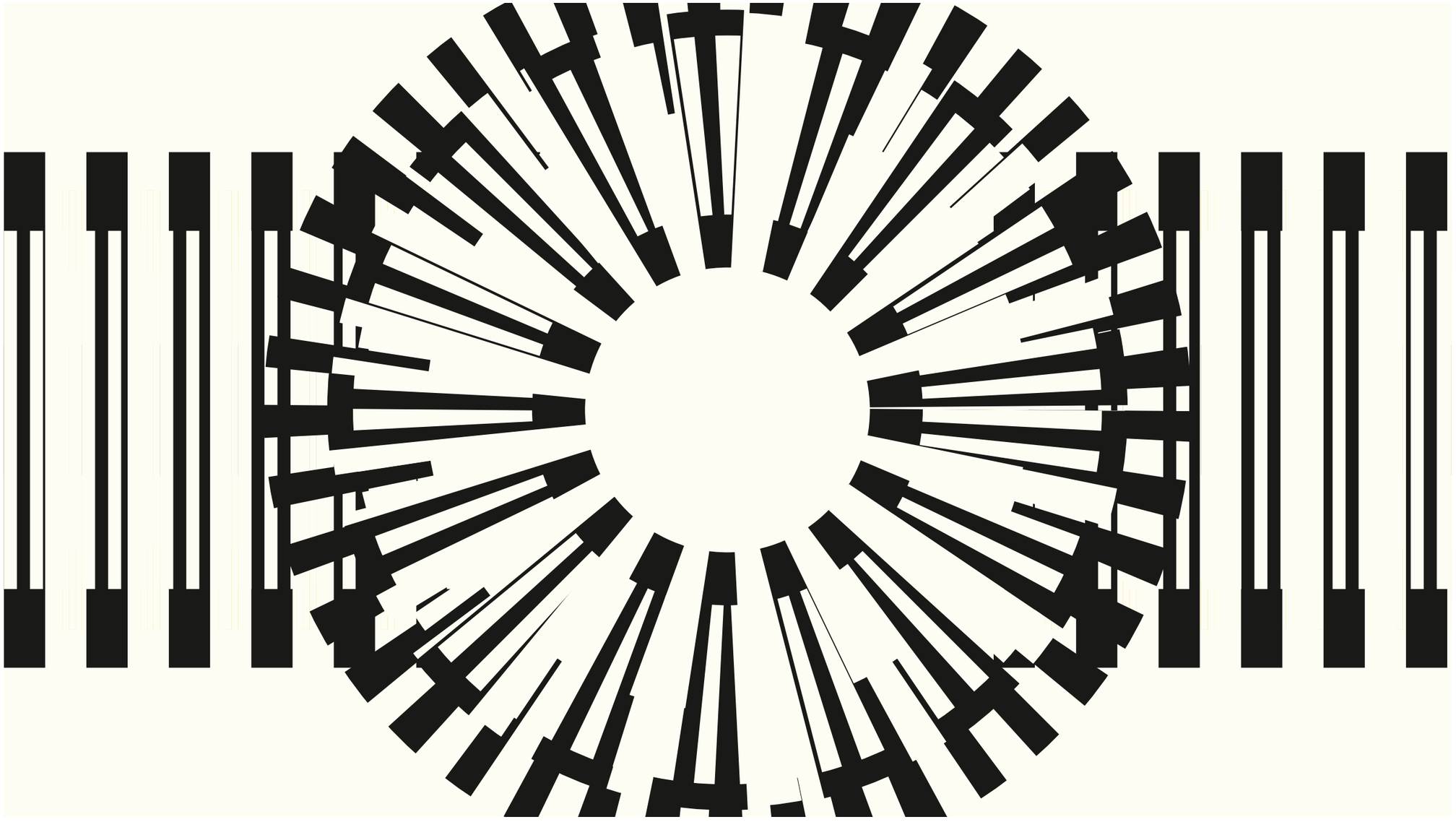


fretless

.|_ 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 ..-



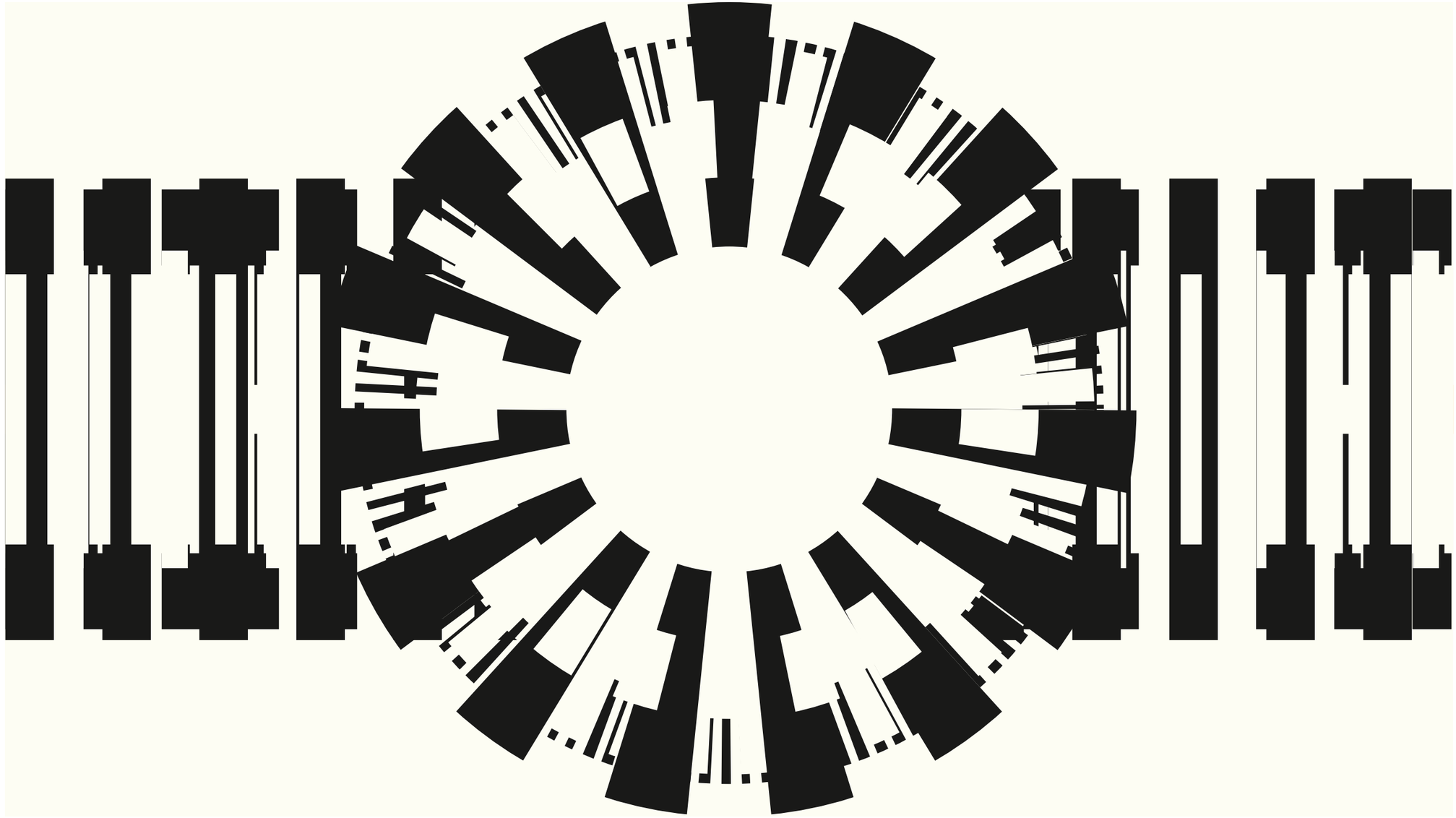
cathode

.|_ 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 |+|

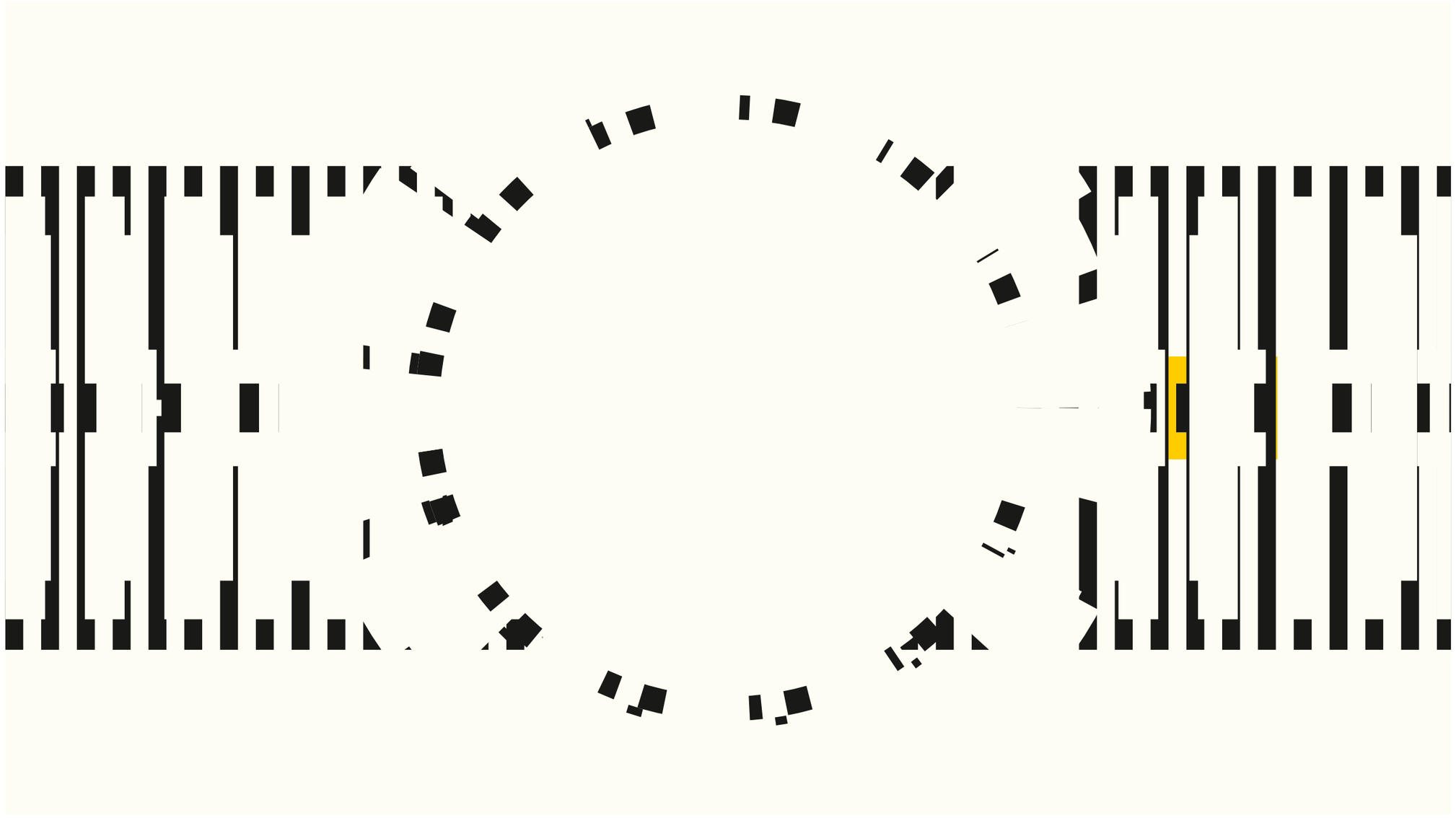
..|. literature science novel science poetry science |..||.| narrative past text
pollination ..-|| picture science syntax metaphor diagram |+|+_+ divine static
steady state #_#&=^ mythic science ||..|. evolving ever changeful circle science
^..|.| taut self-organizing orbit science &_&|| geometric atmospheric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



urgent

.|_ 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 |..|

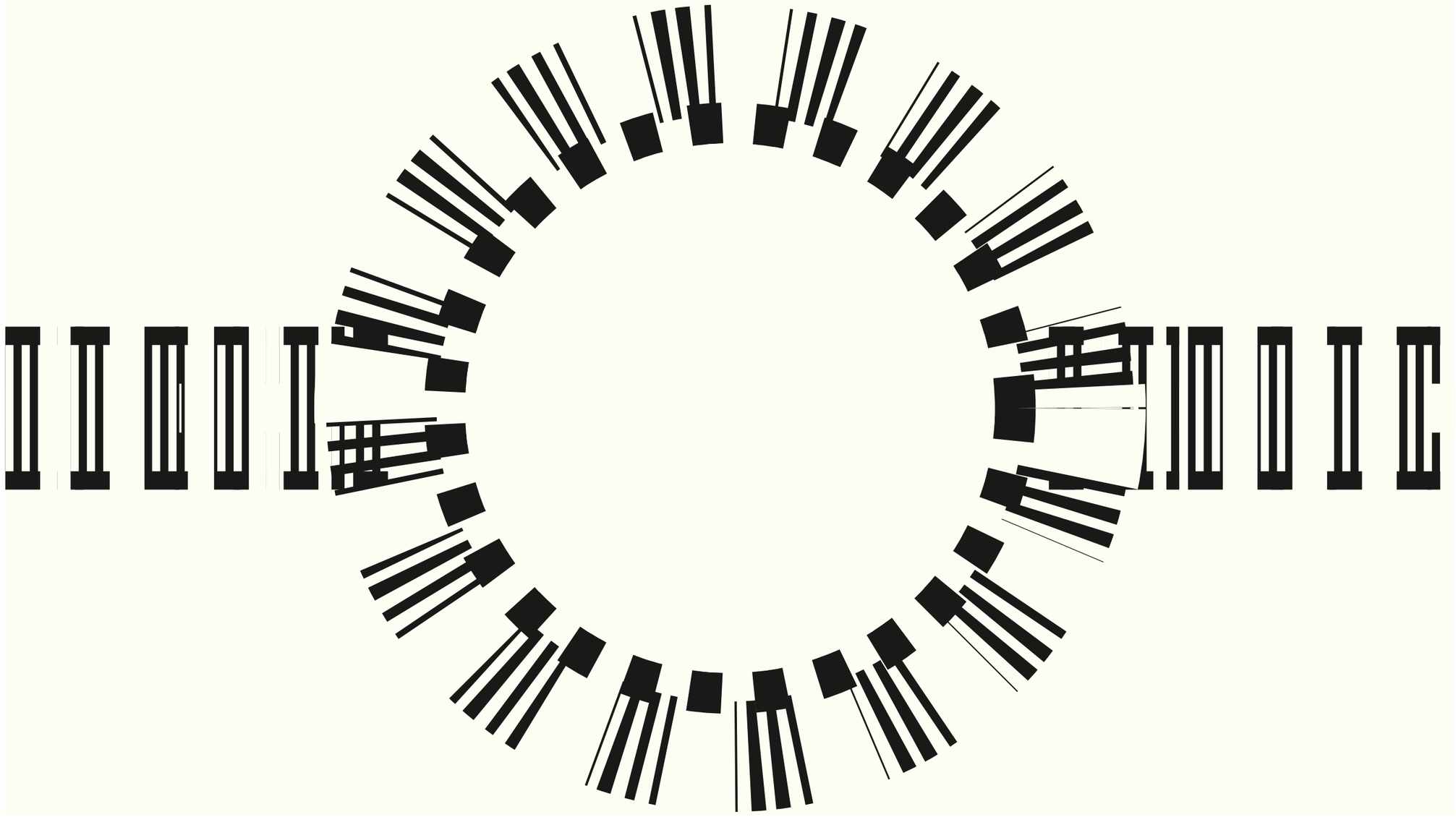


worn

.|_ the repairman rider passenger lone bird _|.

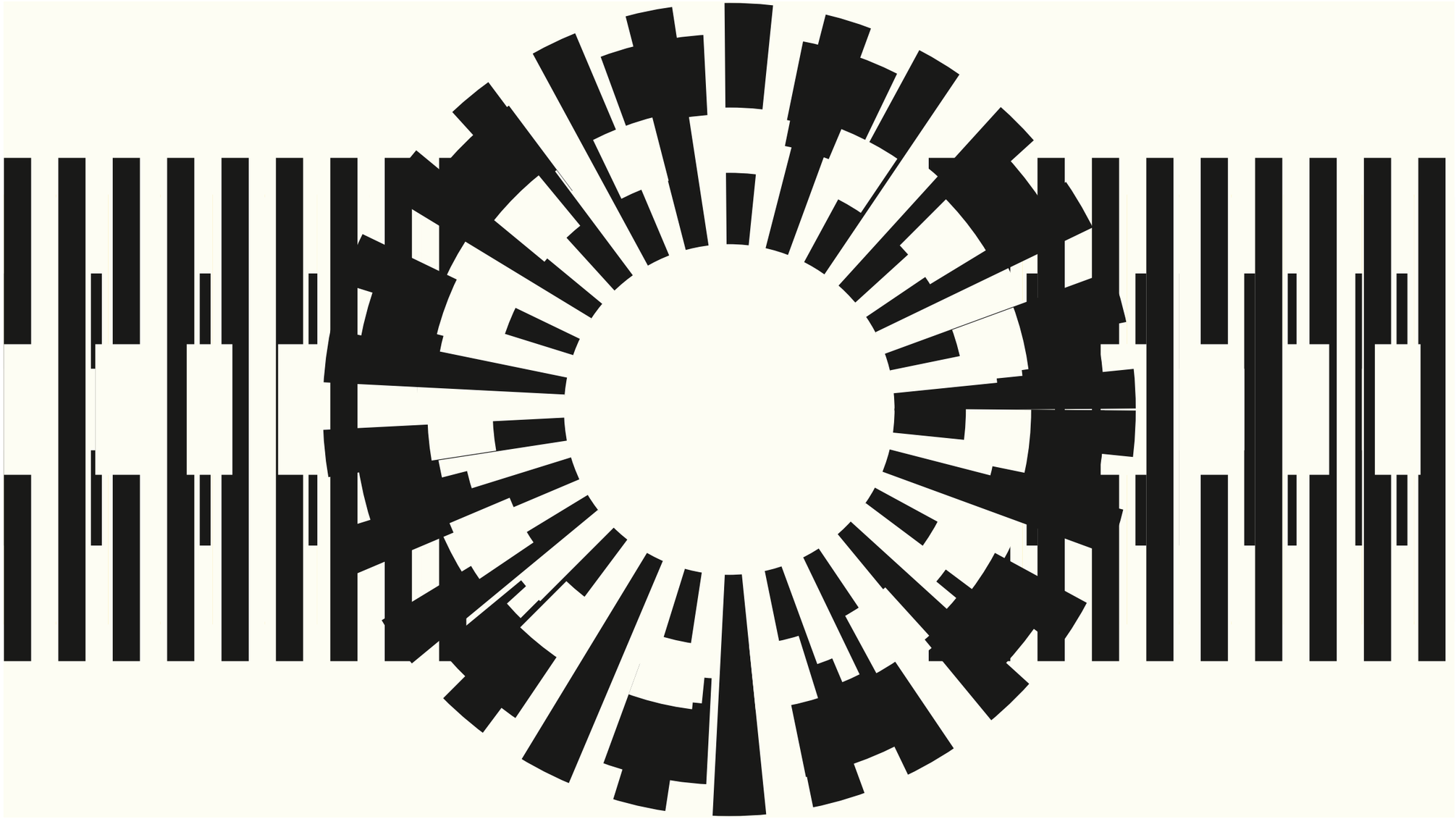
..|. grass blade dyke (our hero zero rider ze) |..|

.|_ left the throng of city depot _|.|.| arrived alone worn suitcase sandwich lukewarm coffee thermos ..-|| tepid brown liquid greasy paper |+|+_+ rusted texaco station folded map #_#&=^ urgent mission ||.|_ fix the system ^..|.| repair reclaim rebuild reweave restore &_&|| this prairie meadow sequestration +0+



metrics

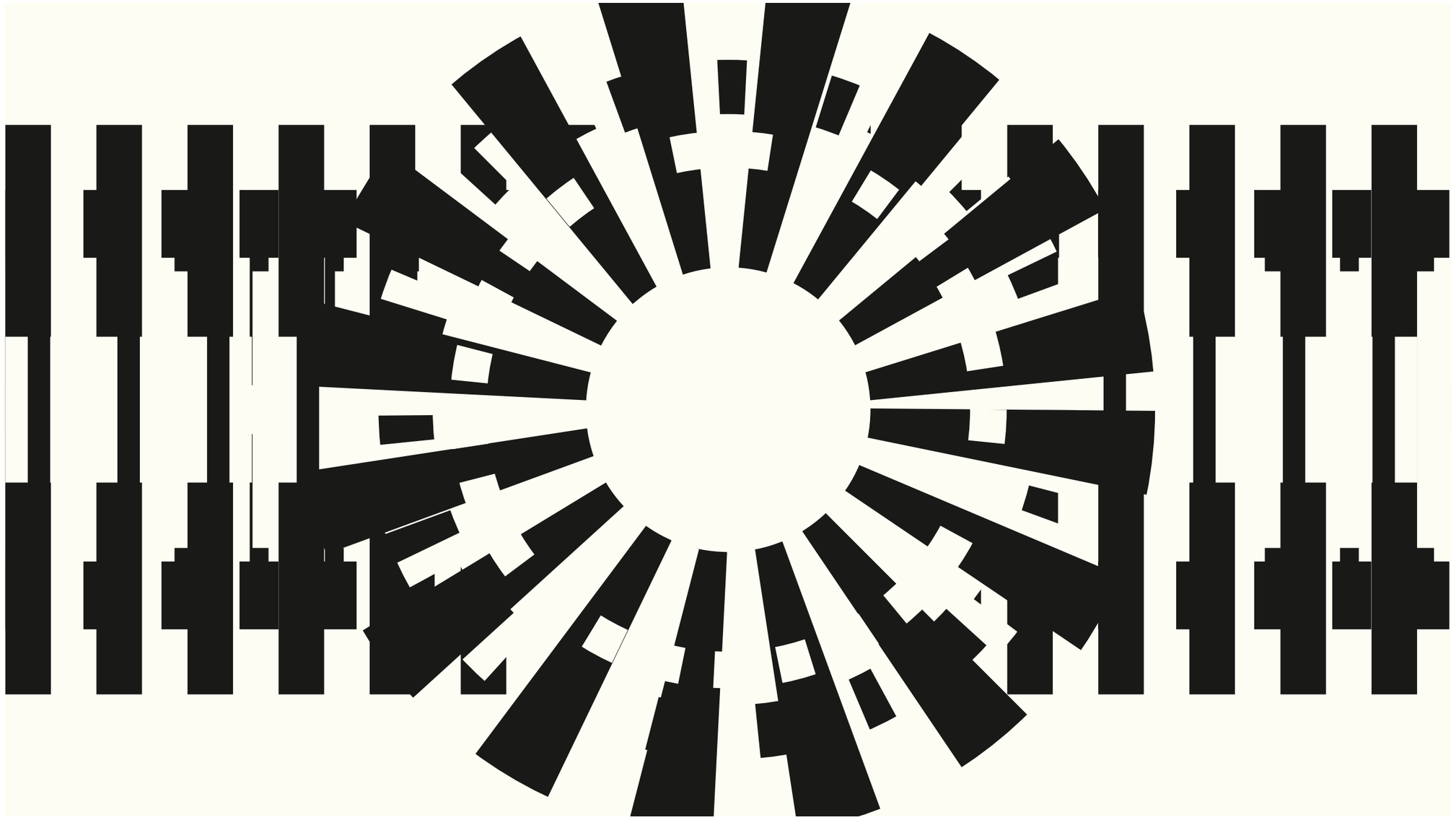
.|_ how is this night different from all other nights? _|.|.| short trophic chains ..-|| webs constrained |+|+_+ nutrient enrichment enigma #_#&=^ nutrient paradox nutrient cage bind limit ||.|_ stable state dream fragile balance ^..|.| weather heat rain flood fire &_&|| orbit cycle chaos +0+_+ hydrogen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



chute

.|_ 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 ^..

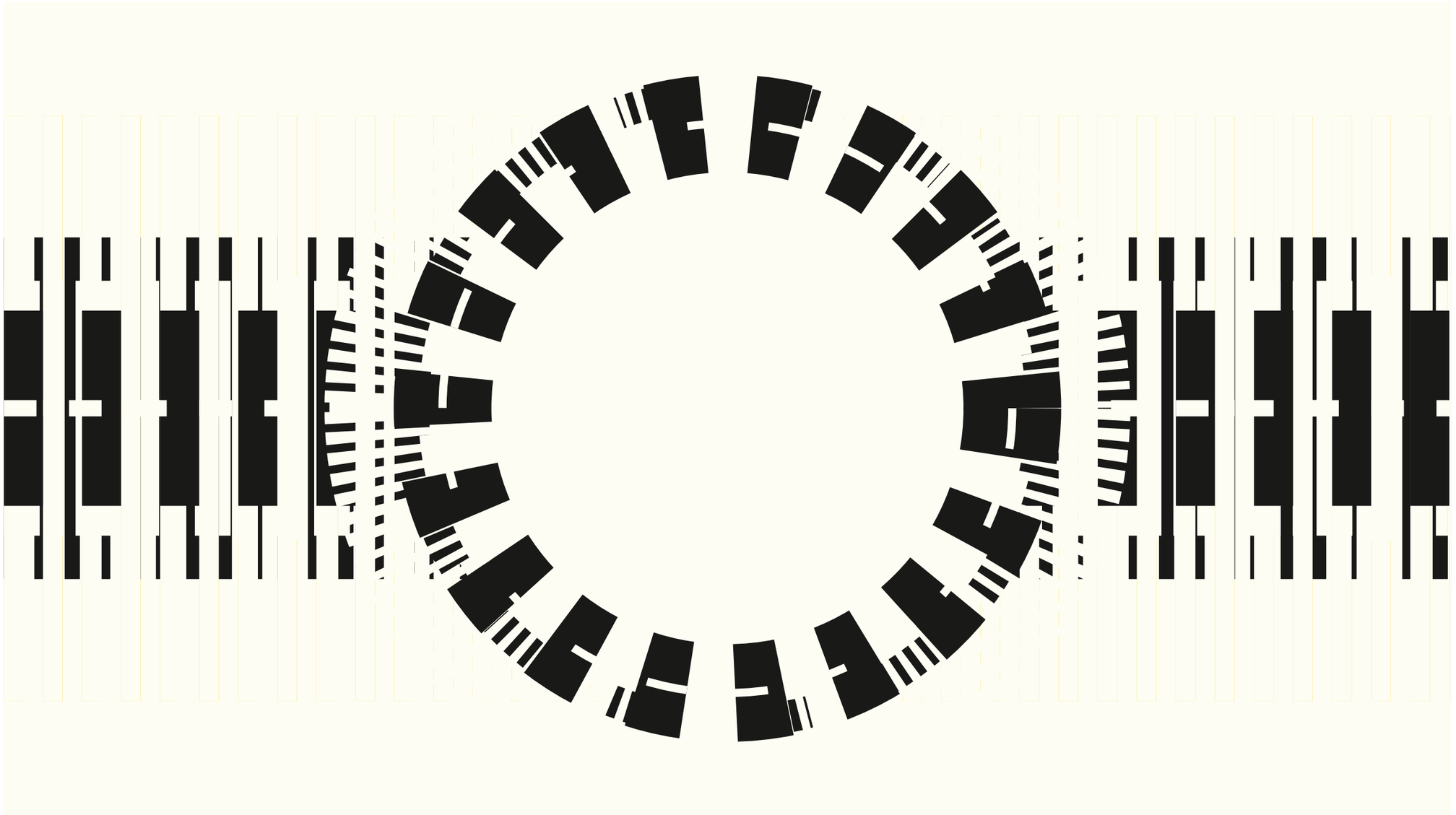


stamp

.|_ 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 |+|

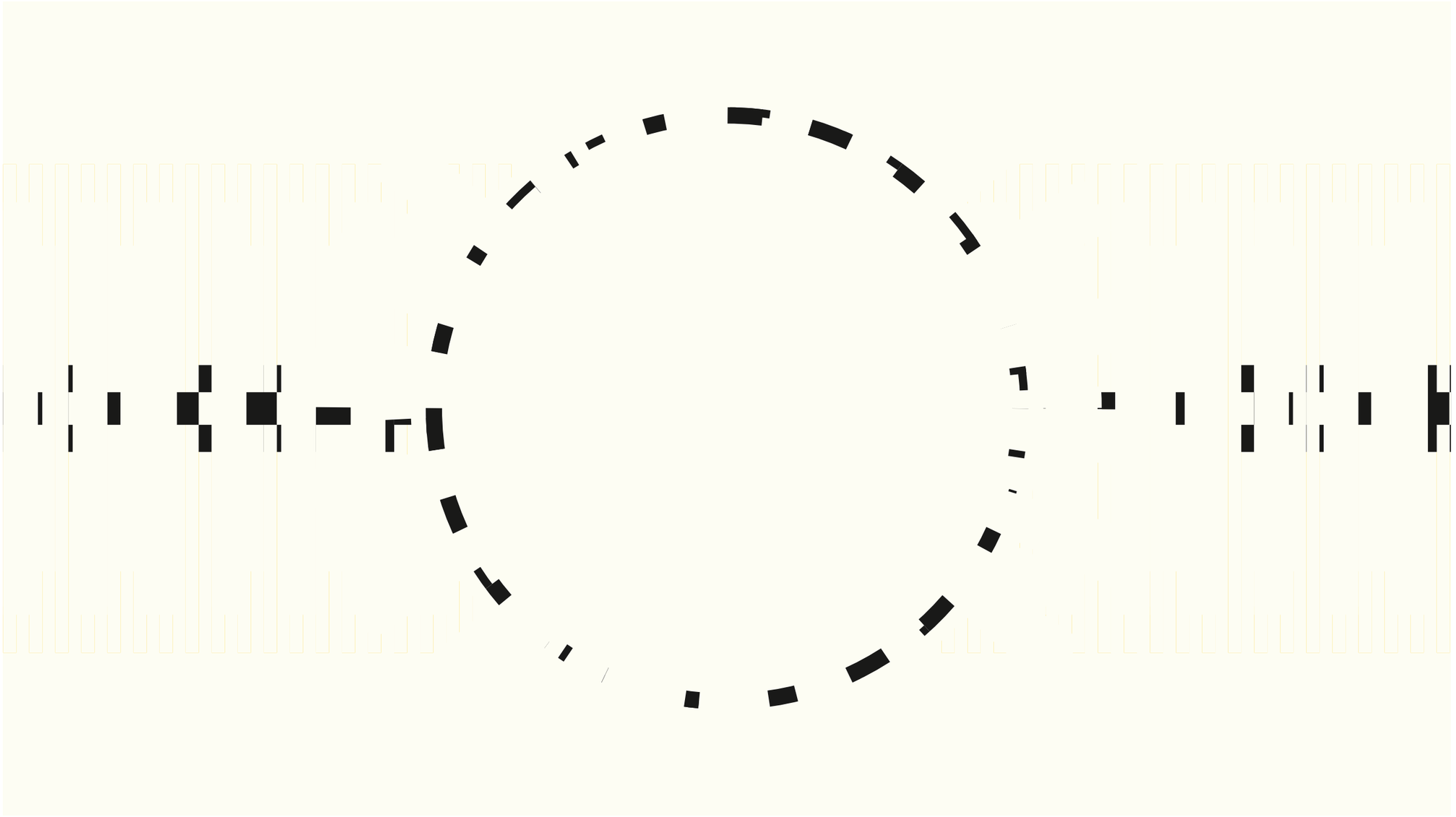
..|. translation filter |..||.| transformation ..-|| map bait lure tackle |+|+_+ spinning wheel #_#&=^ rapunzel wizard magic fish ||..|. chutes & ladders ^..|.| connection conjunction sentence &_&|| necklace +0+_+ purl one |||&=^ knit one |..|..|. knot one ..-|.| sticky spider silk |+||| relations table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

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



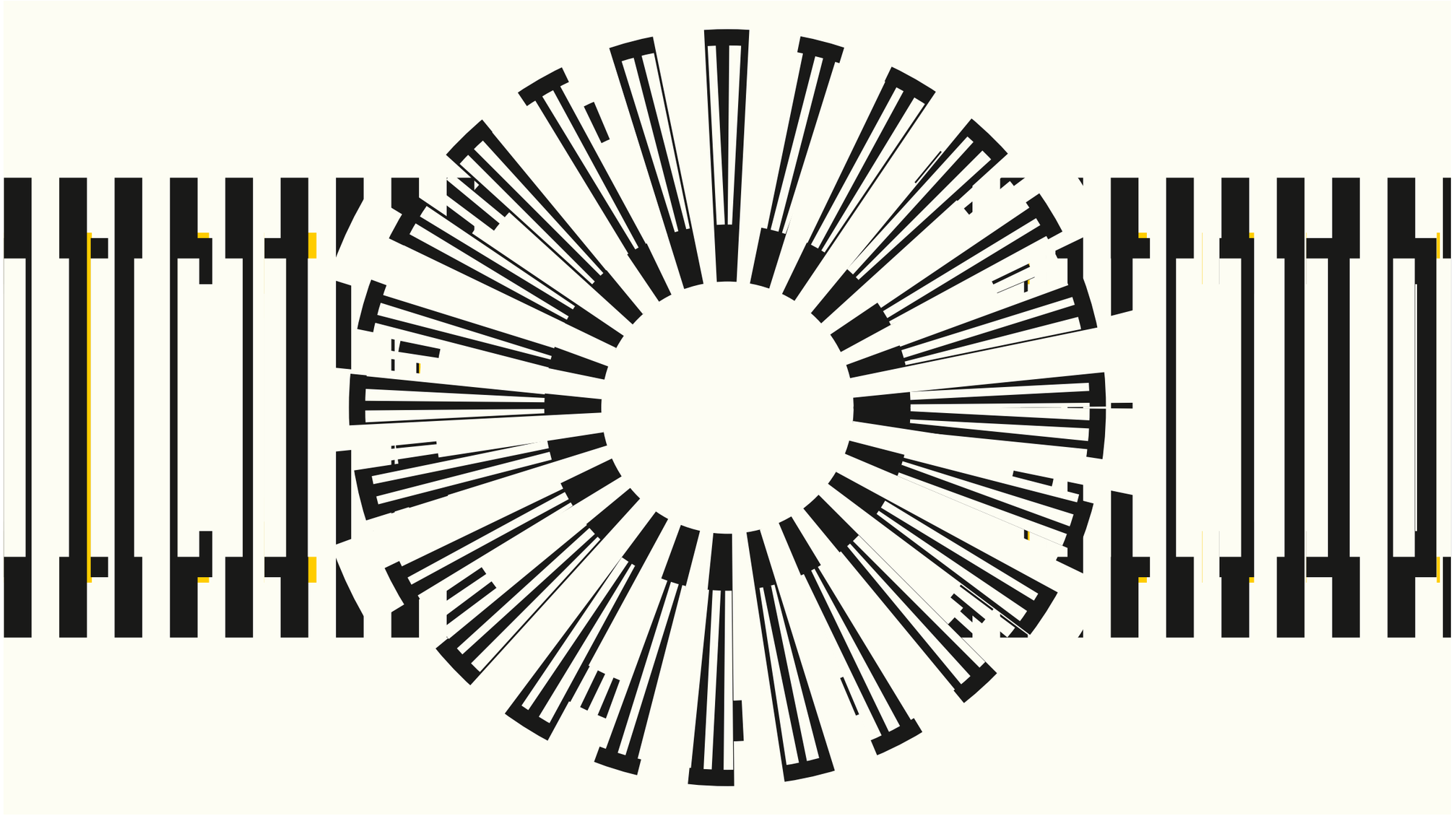
routes

```
.|_ 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 ||
```



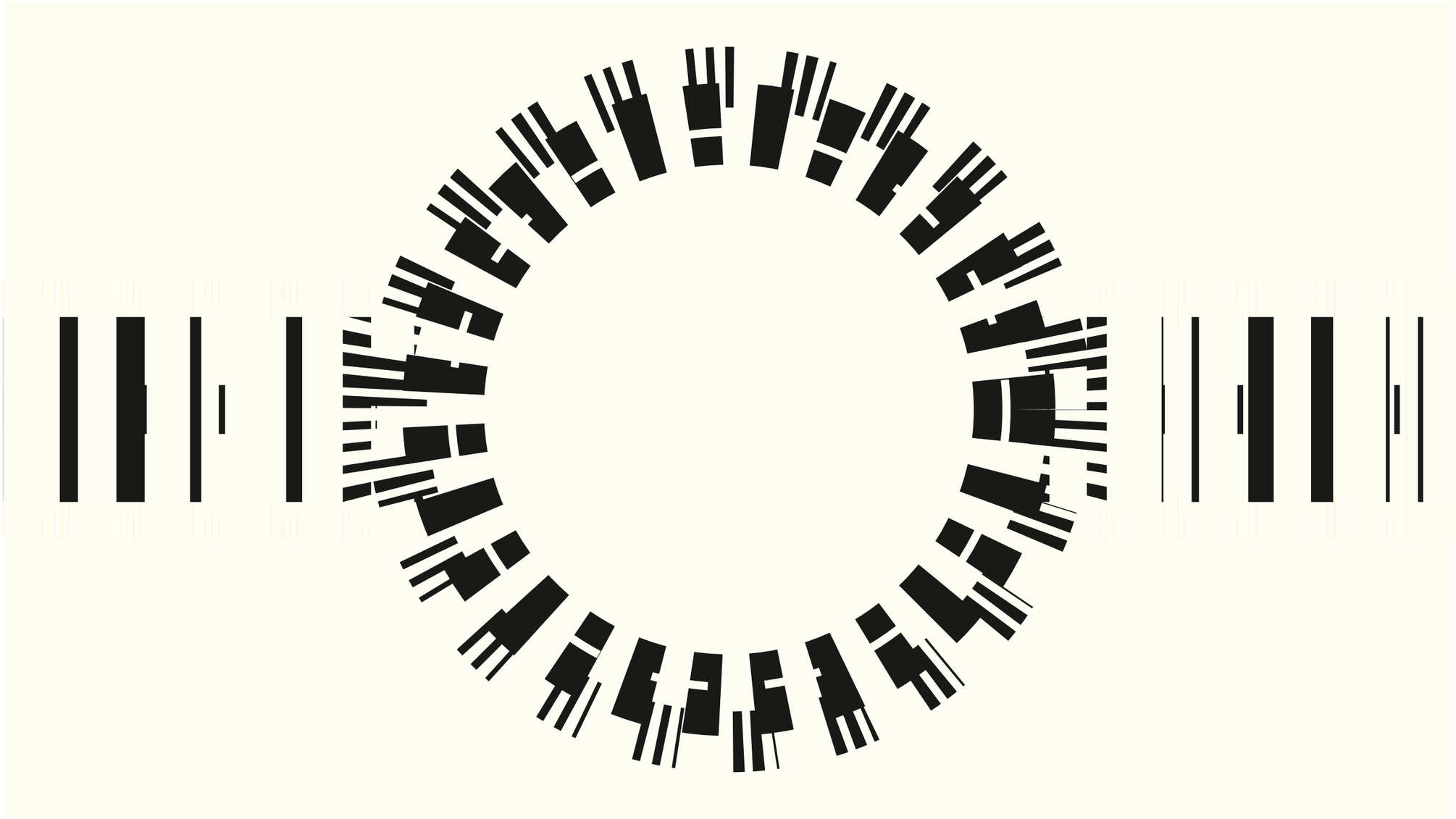
water

```
.|_ no rain again last night _|.|.| humidity swallowed by air ..-|| suspension
|+|+_+ no release #_#&=^ dry river dry soil ||.|_ bucket after bucket carried
^..|.| cold well .map(water => pasture) &_&|| long cold spring &. then +0+*_+ heat
came with bone not water || |||

..|. only |..||.| this vessel this gallery these ribs ..-|| a cage |+|+_+ for birds
#_#&=^ an absence only lonely ||

.|_ attention swings ::: an acrobat _|.|.| an aerial artist ..-|| trapeze circus
|+|+_+ 3-ring digits #_#&=^ clickable texts ||.|_ shining neon ^..|.| pawn shop
blinking &_&|| payday loans +0+*_+ apoplectic news |||&=^ heavy rain _|.
```



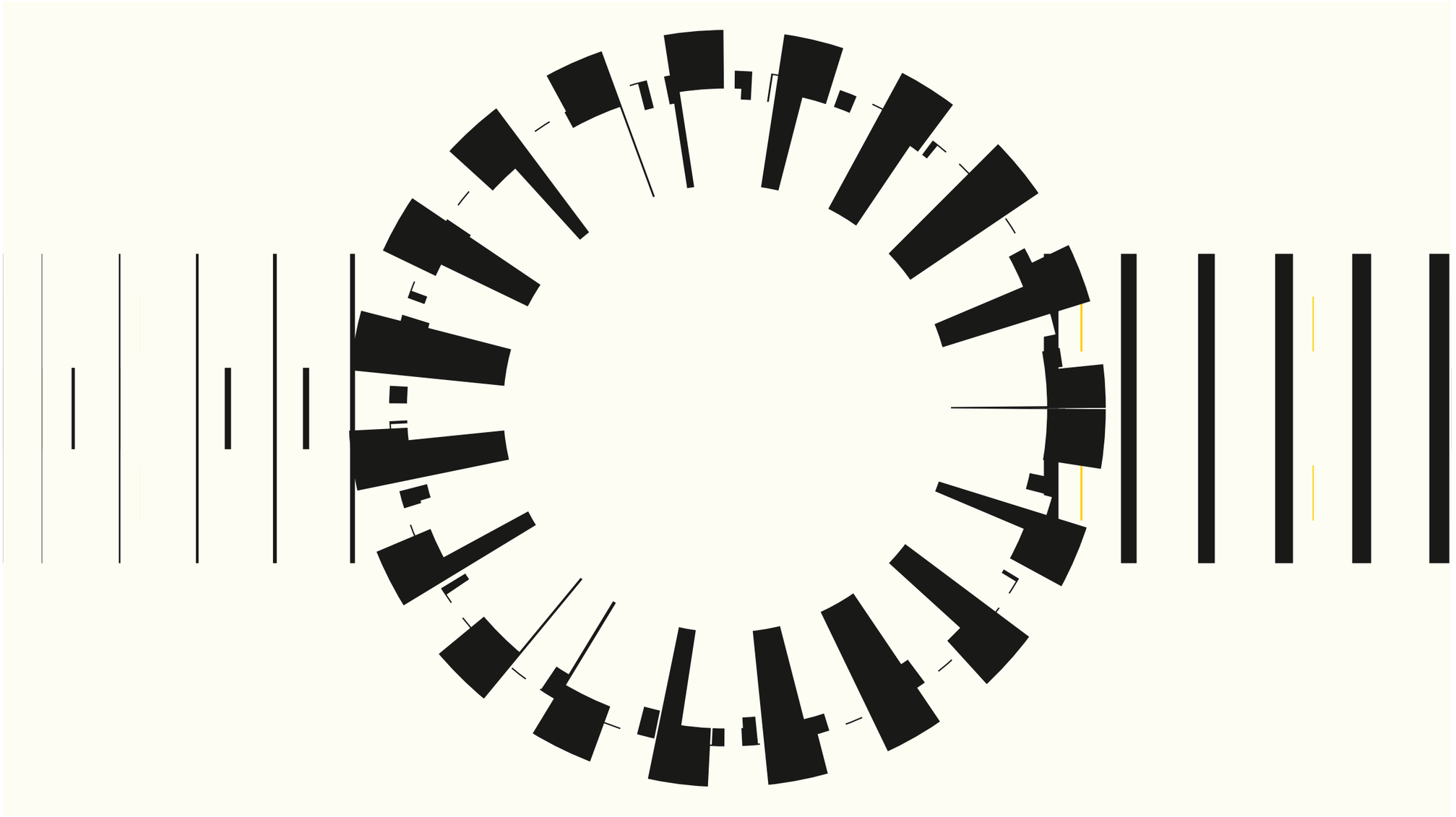
weather

.|_ 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+



metric

```
.|_ 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 ^..
```



discontinuity

.|_ 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 _|.

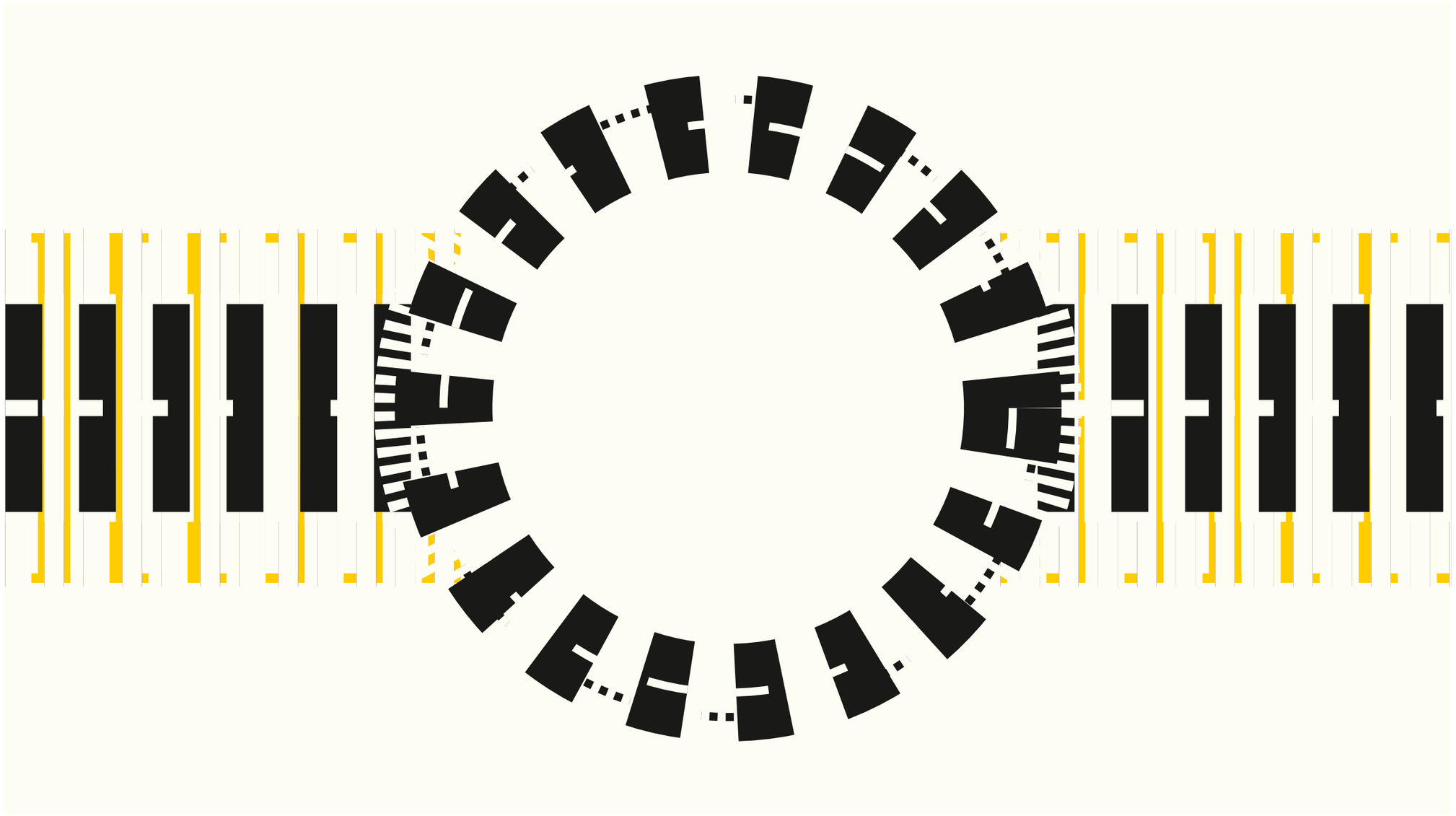
uptake

.|_ 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 &_&



constrained

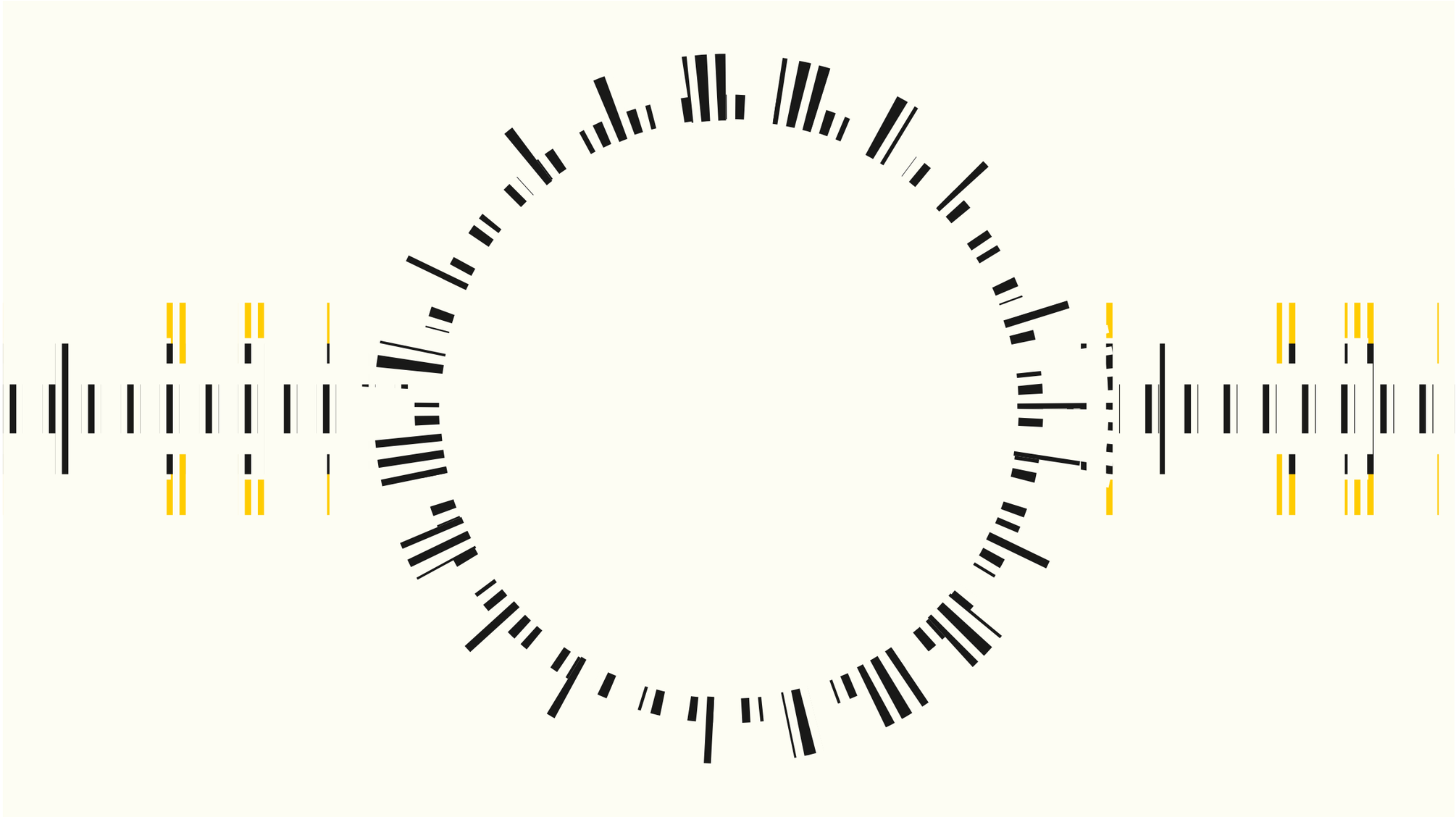
.|_ parameter variable matrix _|.|.| grid structure thing ..-|| observation frame tool |+|+_+ equations models contours #_#&=^ distillation estimation ||.|_ syntax set domain & range ^..|.| functional translation &_&

..|. not constrained in columns |..||.| not implicit static vertex stone ..-|| explicit fluid statement sets |+|+_+ reified relations #_#&=^ triples ||..|. articulated ^..|.| joins &_&

.|_ the lattice the ladder the sky _|.

..|. queer isocline bent contour curve |..||.| topographic skew ..-|| blue green florescence rush |+|+_+ wide-hipped hue #_#&=^ the morning light chlorophyll ||..|. rubbed blades rain or dew ^..|.| hush suspended ready electric &_&|| whispered static light +0+**+_+** the lattice the ladder the sky |||

.|_ slender stem blade .&. meadow _|.|.| harmonic structures ladders heavens ..-|| tonality ecology dynamics systems weather |+|+_+ synthesis loom radio sky #_#

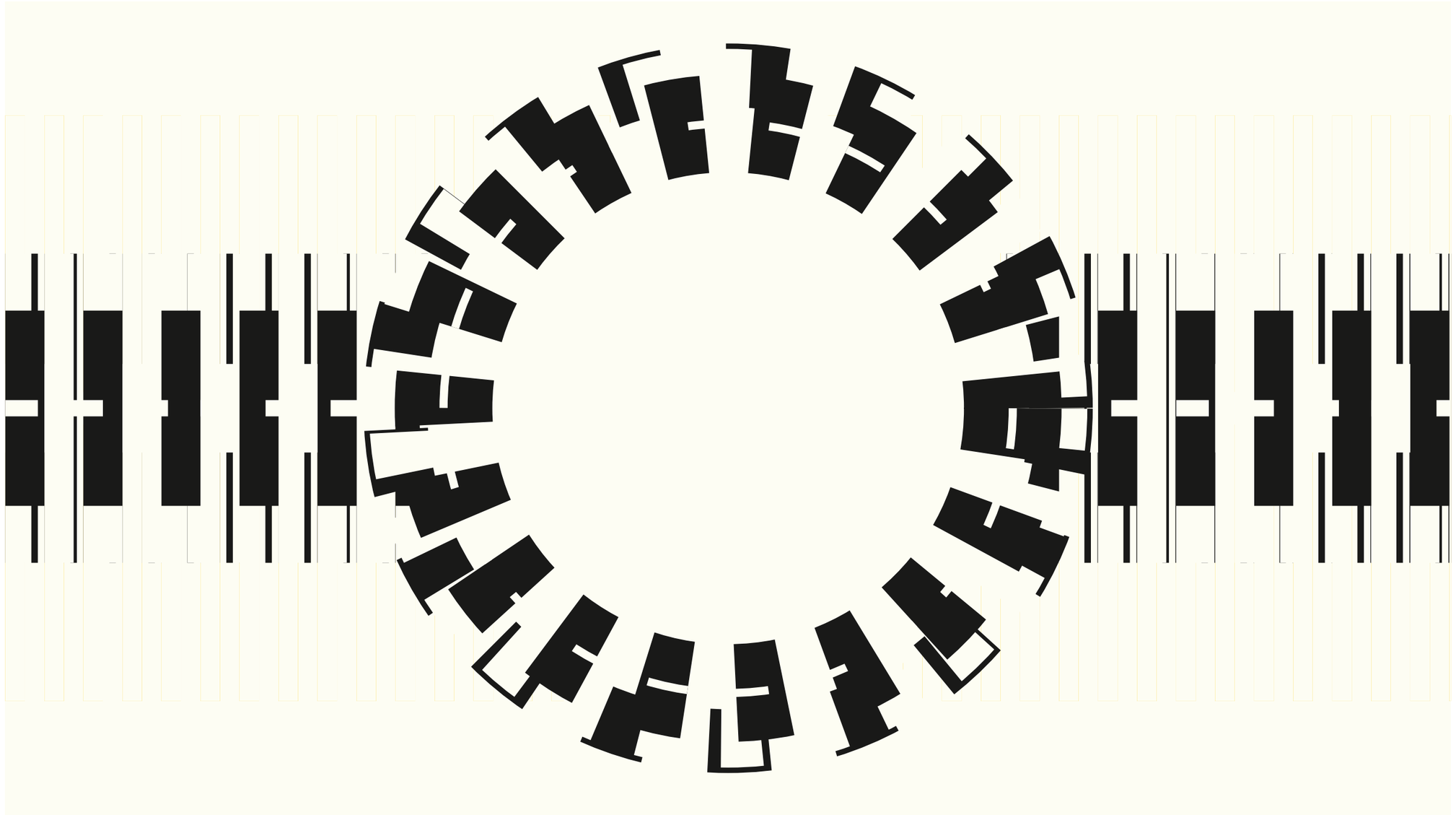


the

.|_ 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 #_#



iowa

.|_ city of sleep city of masks city of subway & turnstile _|.|.| too close stand back headlights ..-|| tracks nyx boat coin chaos birds |+|+_+ stain permeate imprint drench spill #_#&=^ illuminate transcribe prime stretch nail ||

..|. theater of the very small theater of passions theater of stairwells |..||.| theater of windows of doors of bus stop shelter of boat of wind of oar & effort ..-|| railway roadway highway meadow |+|+_+ this place this platform this vacant #_#&=^ iowa small tool shed top hill grave field ||

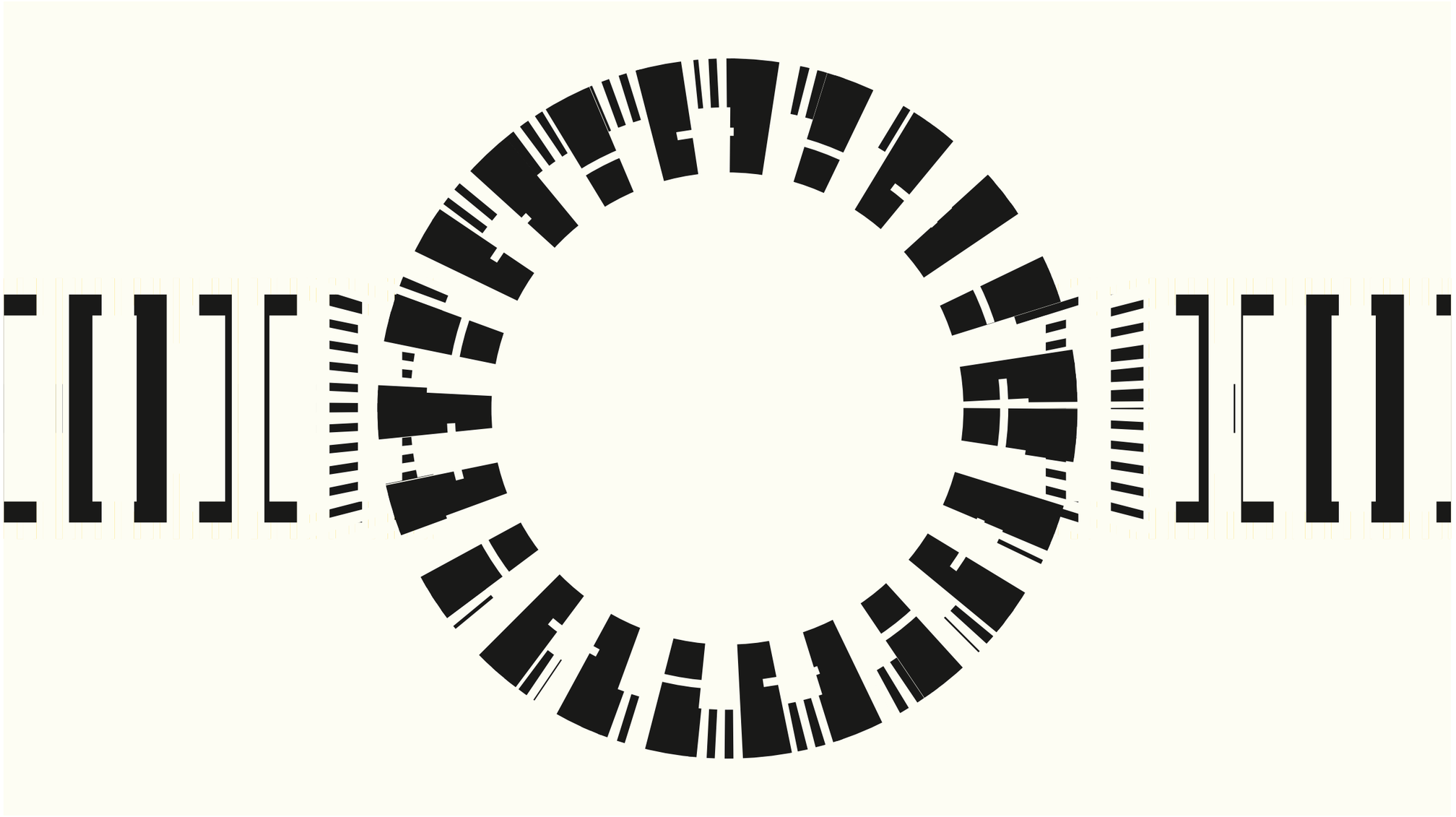
restore

.|_ stitch _|.|.| carbon cycle ..-|| back |+|+_+ intact #_#&=^ structure function ||.|_ sink & source ^..|.| sink & source &_&

..|. theory of null values |..||.| problem of null values ..-|| hollow sound |+|+_+ sparse matrix #_#&=^ initial conditions external ||..|. parameters landscape weather ^..|.| bee flower pollen lit pollen wings &_&

.|_ parts of speech sets thought _|.|.| categories cages ..-|| language archive (memory tables data pollen noise) |+|+_+ quest voyage counting #_#&=^ physics web grassland sea net trophic ties traveler ||.|_ gears ^..|.| repair(*) rider lone bird &_&|| grass blade dyke (our hero zero rider ze) +0+_+ illuminate restore resurrect reweave rebreathe |||&=^ trophic chain ecosystem length & breadth harmonic series _|..|_ swings & orbits ..-|.| collapse & chaos |+||| dynamic state constant flux #_#+_+ climate nutrient cycling community structures evolution ||

..|. no time now time soon time |..|



that

.|_ 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 ..-

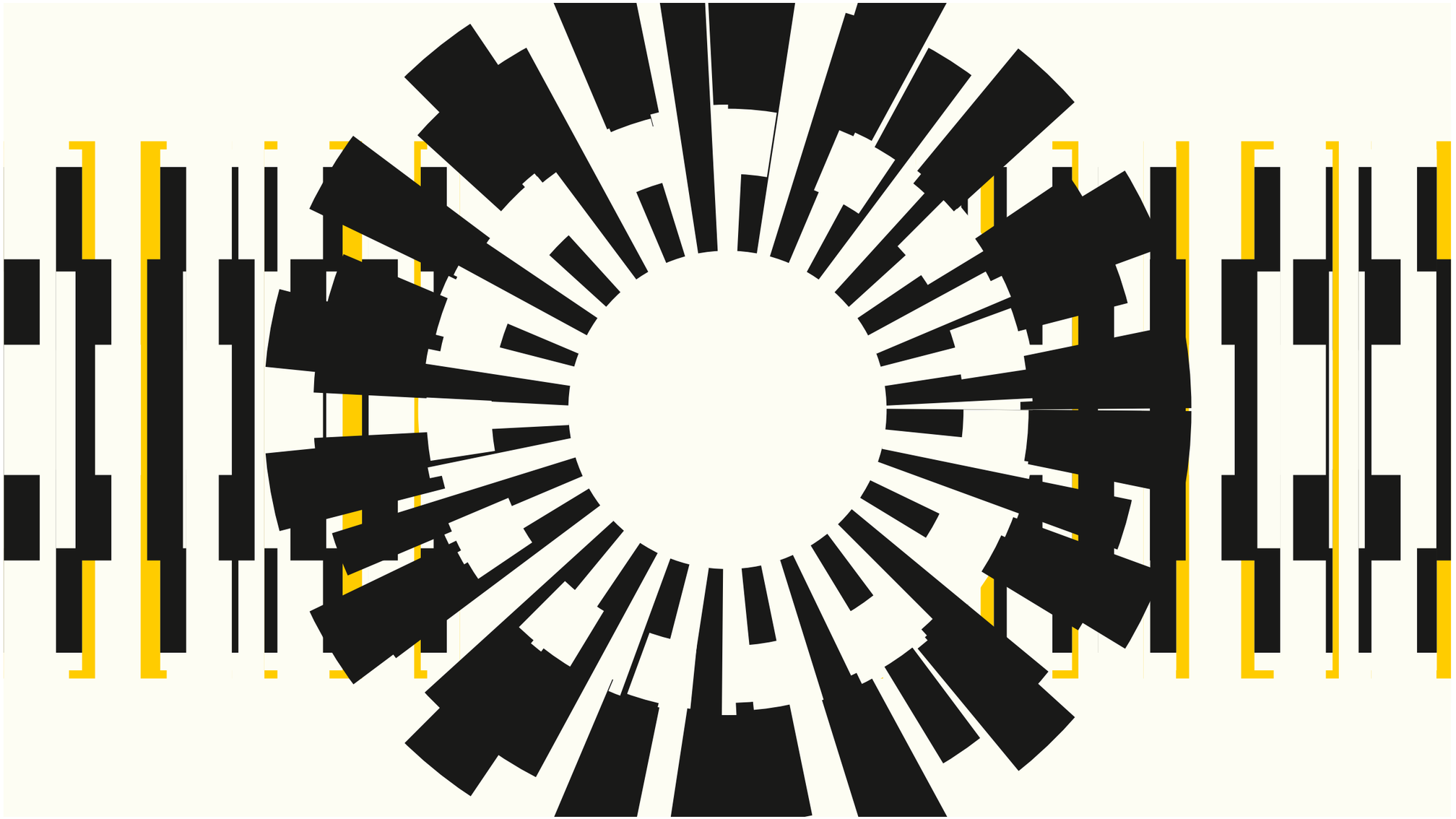
..|. slender threshold beat => tone (frequency wave) |..||.| particle rhythm synthesis ..-|| sea matter light |+|+_+ redfield 1958 strange ratio #_#&=^ woven fabric green & ||..|. flight ^..|.| the bird sang one last song &_&|| bird singer song +0+ +_+ dated stamped labeled |||&=^ vinyl voice specimen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

ghosts

.|_ transformation _|.|.| noise ..-

..|. voices tubes |..||.| moths jar ..-|| feedback electrical line static |+|+_+ harmonic ghosts #_#&=^ resonating strings ||..|. sympathetic rooms ^..|.| wood wire reed sky &_&

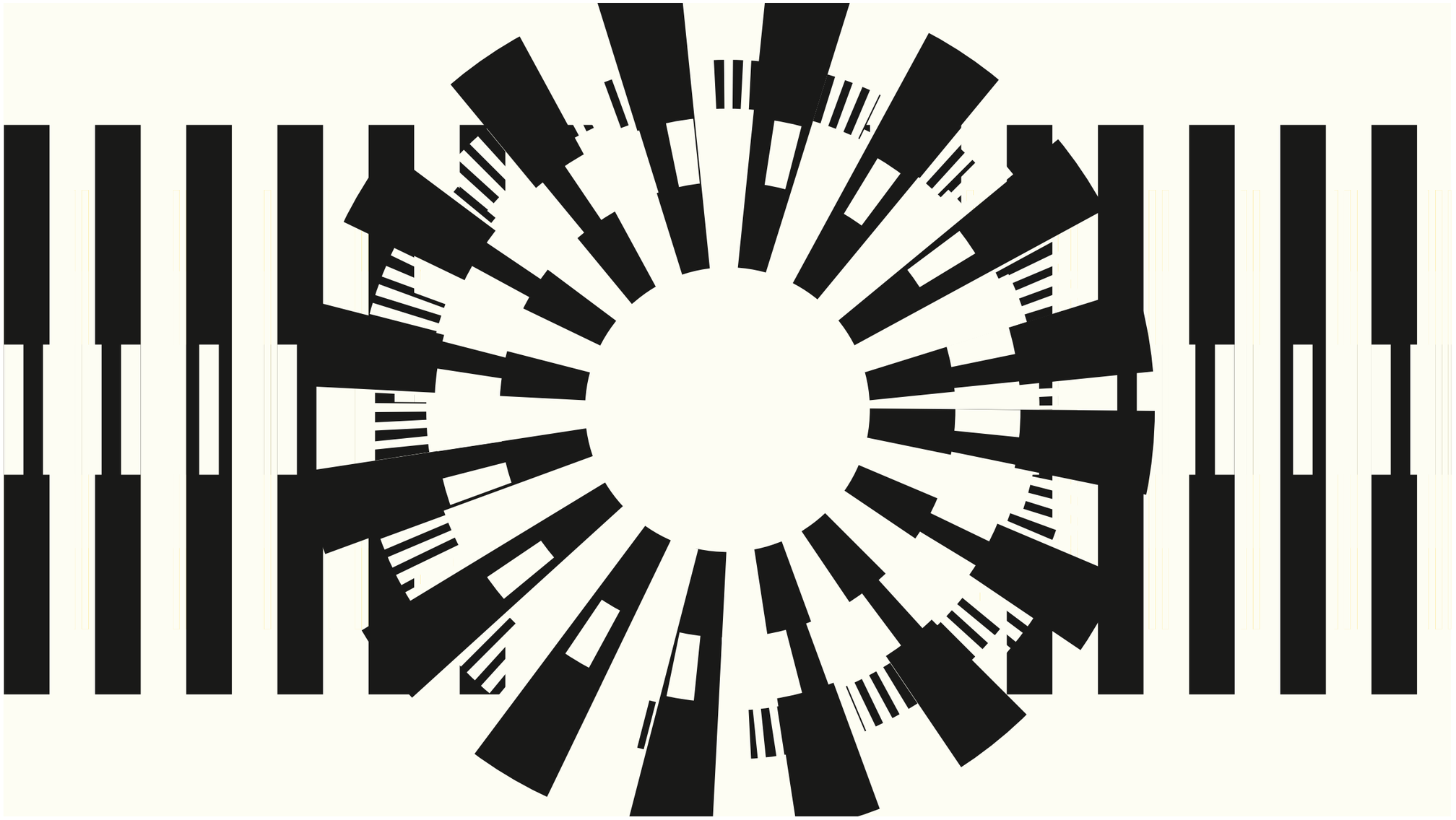
.|_ composer ink transmission _|.|.| naked contour ..-|| wood pitch reed membrane breath line |+|+_+ invisible waves harmonic ladder #_#&=^ wire resonance strings chamber ||.|_ hidden fabric ^..|.| bagpipe &_&|| meadow score +0+



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 #_#

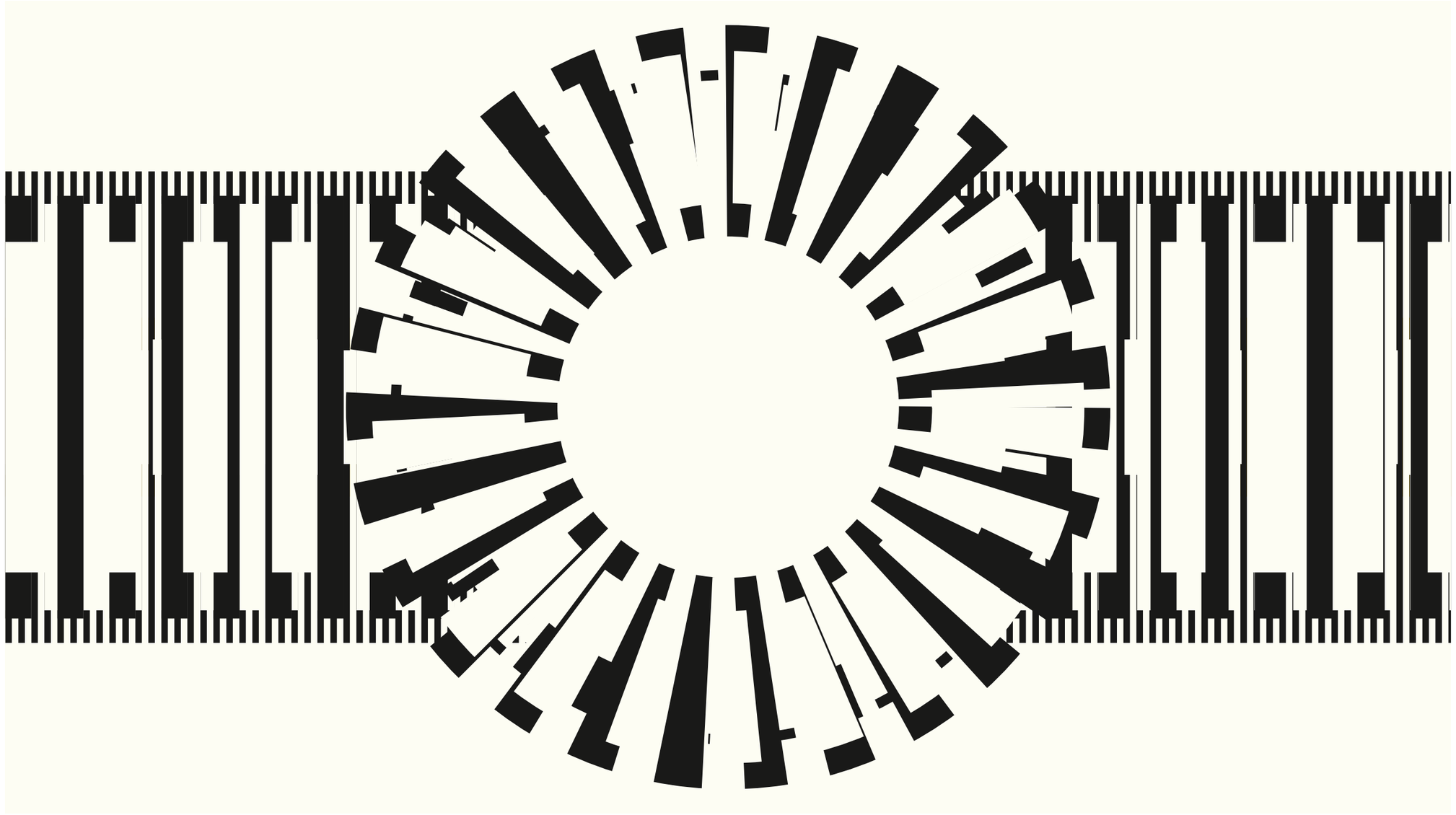
..|. particles of speech particles of sound particles of exchange |..||.| molecular transfer diagrams schema ontologies syntax relations ..-|| punctuations blank space lines unfolding hollow tunnel echo static dial |+|+_+ encode translate transform (re)cover uncover reverse #_#&=^ verb => noun => past 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 |||



billiard

.|_ 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 &_&

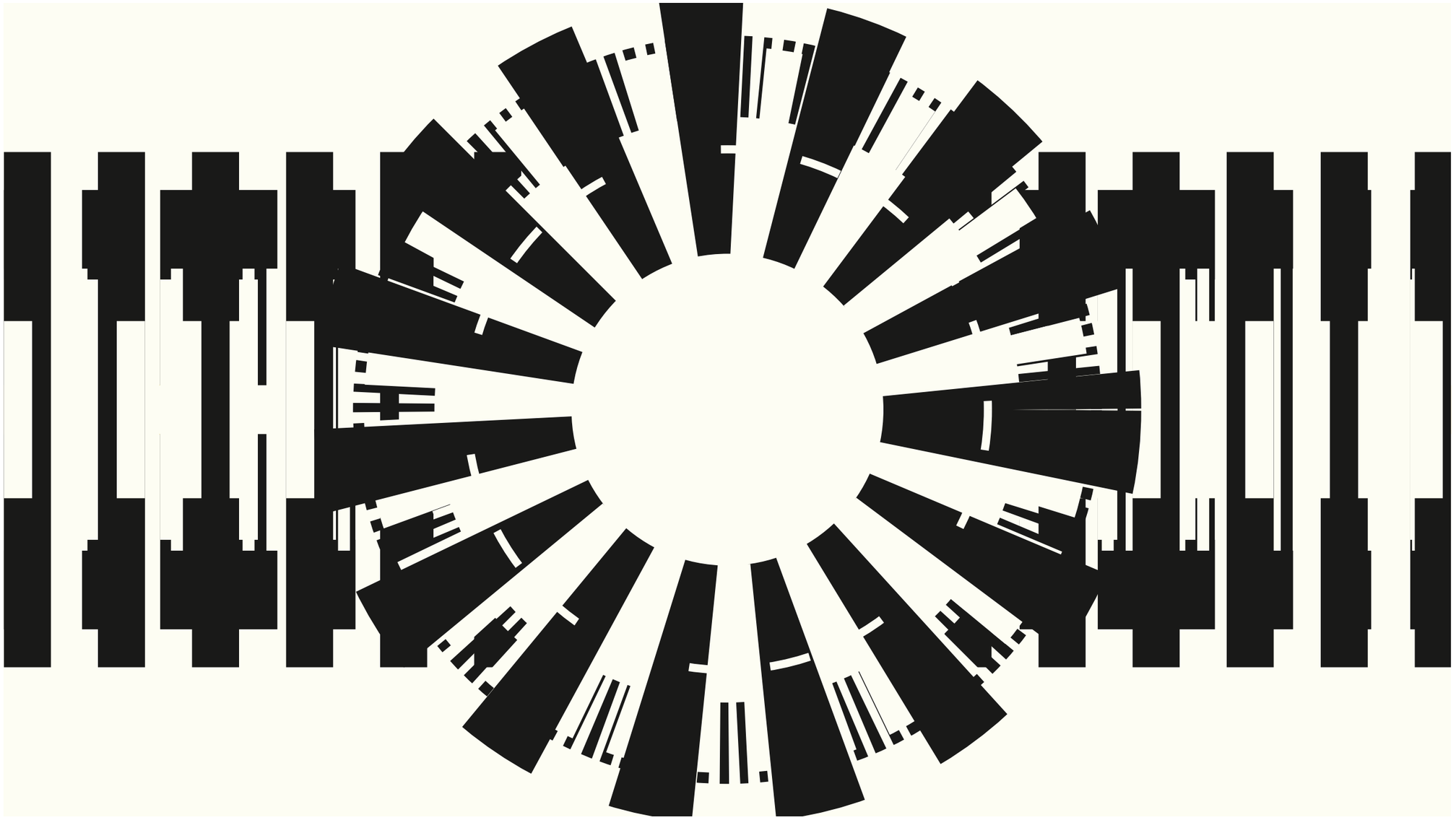
..|. corner bar stool |..||.| the repairman rider passenger lone bird ..-|| grass blade dyke (our hero zero rider ze) |+|+_+ napkin blueprints cipher curves & codes #_#&=^ beer-stained formula calculations configurations ||..|. phase plane transformations ^..



a

.|_ honored listeners present & absent today (yesterday) _|.|.| honored receivers future reception ..-|| audion circuit |+|+_+ grid-leak detector diode || grid => cathode #_#&=^ regenerative form ||.|_ telephony radio talking newspaper ^..|.| text => speech => signals => waves => recording => radiation => distillation &_&|| electrons through a vacuum wireless body-less +0+|+_+ space without a filament without a spark without a fire |||&=^ morse code => speech => music => flight _|..|_ thermionic emission liberation ..-|.| electrode release electron temperature (heat => leap) |+||| thermal energy => charge carrier material work function catapult trapeze #_#+_+ electromagnetic waves through a gap => light ||&=^ electromagnetic fields are a filament not a plow ^...|_ radio frequency identification of goods &_&|.| markers of heat of movement +0+

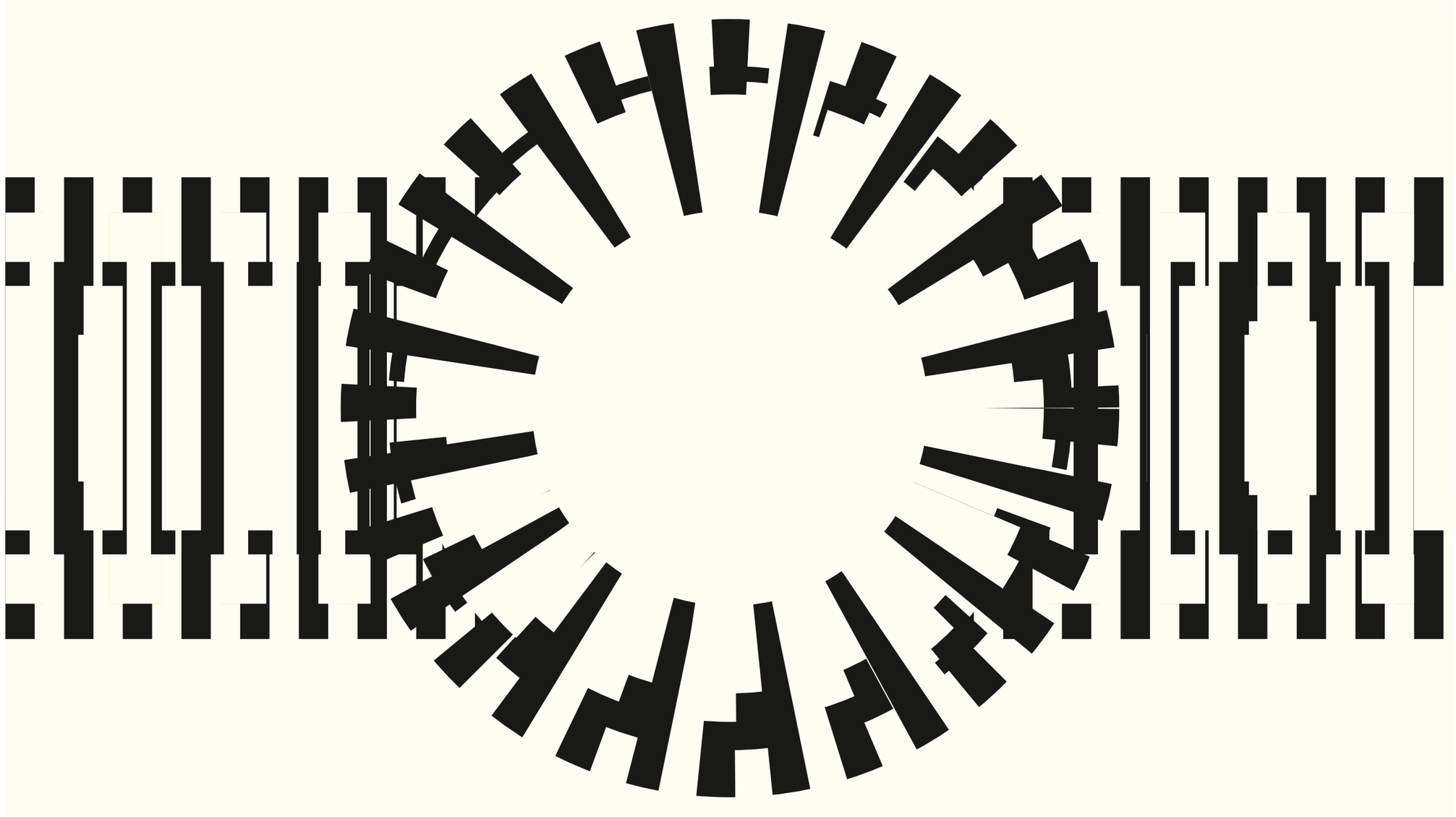
..|. supermarket radio |..||.| carbon isotope detection trophic code ..-|| visceral magnetic gravity pulse |+|+_+ arterial electrical currents light #_#&=^ static noise ||..|. the message ^..|.| metal surface heat &_&|| thermoelastic bend & flow +0+|+_+ ions eons millennia |||&=^ vinyl disk |..|..|. labeled iron shelf ..-|.| dustlit volume |+||| dancehall volume #_#+_+ phonograph telegraph ||&=^ braille ^....|. spinner &_&|.| feedback +0+



web

.|_ lexicon of relations _|.|.| linguistics language ..-|| shifting drawer |+|+_+ predicate proclaim declare affirm assert #_#&=^ text stream interface ||.|_ pipeline filter map fold ^..|.| density of links &_&|| connectance metrics +0+*+_+* flows & form |||&=^ web network branch tree graph _|..|_ extensible modular composable construction ..-|.| shape shifting flow emergence change |+|

..|. infinite series |..||.| calculus of motion calculus of change ..-|| physics of angles angels |+|+_+ sound waves light #_#&=^ inflection reflection ||..|. convergence to fixed point orbit loop or cycle ^..|.| convergence to zero &_&|| absence silent slope abyss +0+*+_+* shape shifting flow emergence change |||

.|_ associative trail path spline index jump _|.|.| graph traversal heat diffusion fluid flow ..-|| night mail railway saturn sky |+|+_+ shape shifting flow emergence change #_#

..|. semantic nets systems frames rules |..||.| automated reasoning engines ..-|| ontologies schemas |+|+_+ inference machines #_#&=^ classifiers theorem provers ||..|. maps ^..