# field notes

blueatlas ::: fieldnotes

mctavish

mctavish



# the repair(\*)

001	3
002	6
003	8
004	. 10
005	. 12
006	. 14
007	. 16
008	. 18
009	. 22
010	. 24
011	. 26
012	. 28
013	. 30
014	. 32
015	. 34
016	. 36
017	. 38
018	. 40
019	. 42
020	. 44
021	. 46
022	. 48
023	. 50
024	. 52
025	. 54
026	. 56
027	. 58
028	. 60
029	. 62
030	. 64
031	66

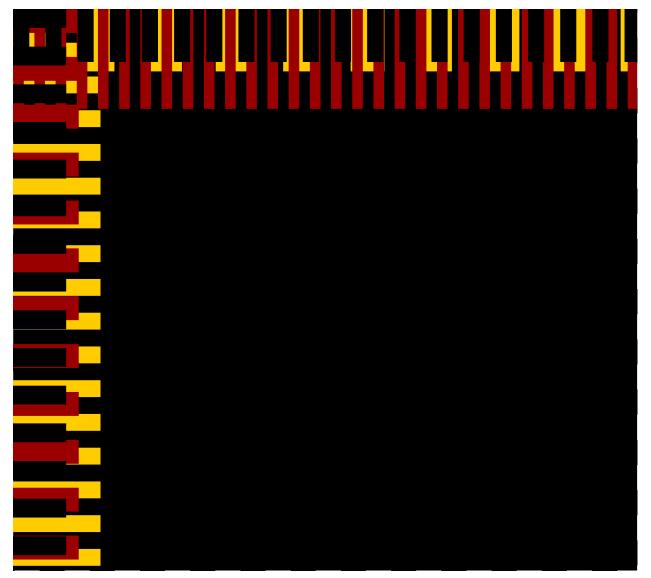
032													 		 																		6	68
033													 	 	 																		7	70
034													 		 																		7	74
035													 		 																		7	76
036													 	 	 																		7	78
037													 	 	 																		8	30
038																																		
039																																		
040																																		
041.				 									 	 	 																		9	€

the repair(\*)

 $it\ was\ like\ this\ every\ morning\ ...$ 

## 001

- ..... 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+

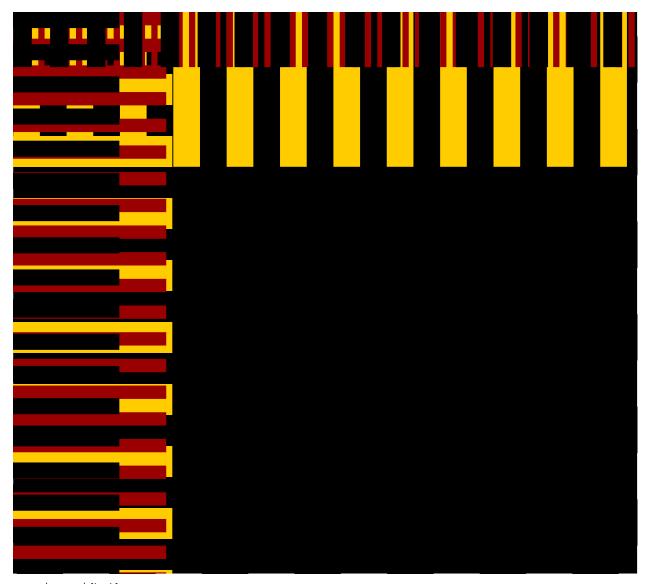


meadow:|: reclaim:|: the ::: 01

## 002

```
...|. 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 |...|
```

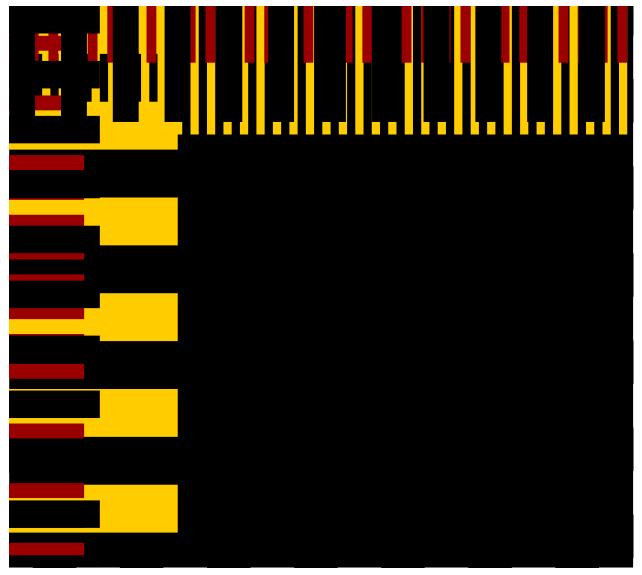
.|\_ once again repeat again retie retry reweave again \_|. |.| a name uttered speak again ... || reclaim restore correct |+|



paper :|: worn :|: liquid ::: 02

...|. 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 &\_&



suitcase: |: rusted: |: sandwich::: 03

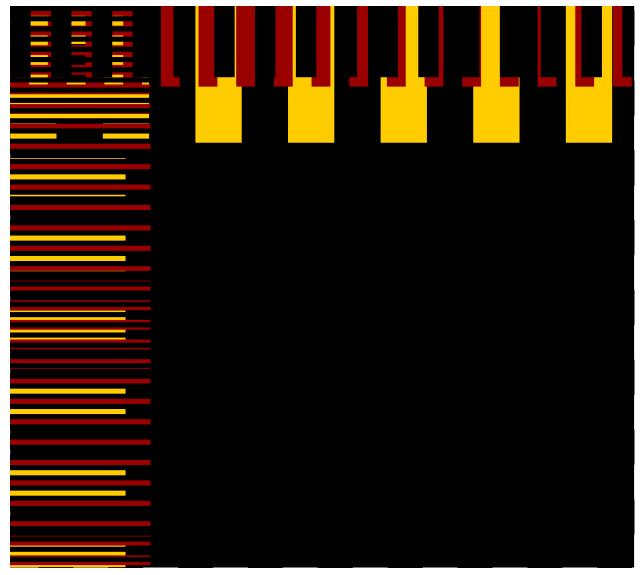
#### ..... this was the morning this was the place |...

.|\_ 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 ||

..|. electric magnet migrate translate |..| |.| hero zero suitcase clock map train nomad ..- || boat bird data airbase data cube data curved space |+| +\_+ prism lattice fabric timestamp schema graph #\_# &=^ reify untie unfold unroll || ..|. electric orbit ghost force ether spark ^.. |.| specimen drawer weather static wind-blown number station &\_& || solar noise cloud formation storm titration wireless smoke-filled sky +0+

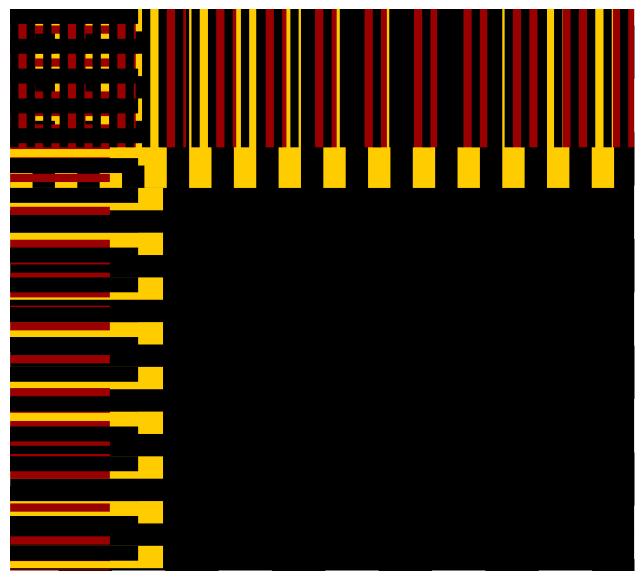
.|\_ broke ground broke thatch broke net broke flow \_|. |.| telegraph rhizome circuit network junction ..- || flag siren point nutrient carbon tangle |+| +\_+ broke ratio physics orbit fixed-point evolution #\_# &=^ clue drawer box film parchment vinyl || .|\_ blood feather stalk beak grass root ^.. |.| paper stamp store mark transect photo record image cell &\_& || before axe pick shovel hoe oxen plow +0+ +\_+ before hard ground was broken ||| &=^ still woven yellow green ticker \_|. .|\_ tape pulsed code transmission ..- |.| echo vacuum tube transistor |+| || circuit still electrified #\_# +\_+ & living ||

.... ignite! ...



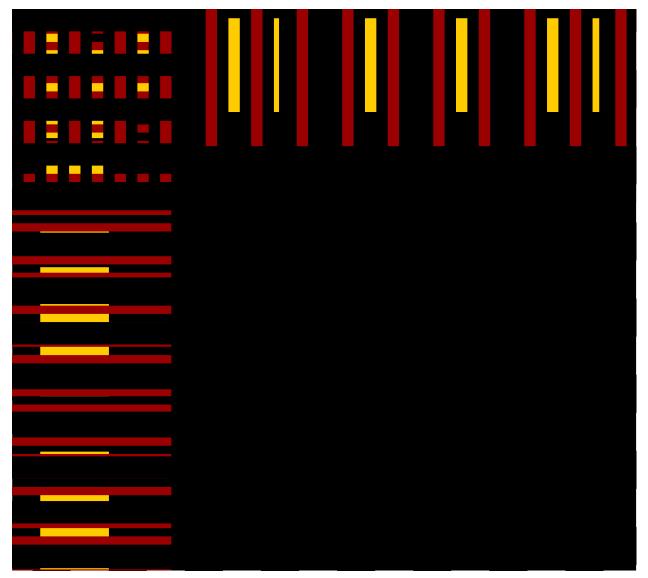
worn:|: meadow:|: urgent::: 04

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



meadow: |: depot: |: station::: 05

```
|+| +_+ vacant absent zero space #_#
. _ theory of sparse matrix _ . . an absence ..- || exponential decline |+| +_+ crash .
#_#
...|. holes in the matrix | ... | | gap(s) ... ..- | | column row | + | +_+ moth hole black hole
#_# &=^ space silence fact
.|_ theory of null values _|. |. | silence of null values ..- || neon vacant blinking light |+|
+_+ empty storm-drain alley #_#
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 _ . _ l absence ..- || not known |+ | +_+ not values
#_# &=^ not join | . | _ not tied ^.. | . | not said &_& | | empty cells +0+ +_+ blank hole
not filled | &=^ not asked ^... | erase erasure &_& | not zero not silence +0+ | a
lack of air | +_+ a lack of mark _ . &= \times 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 _|.
```



suitcase:|: coffee:|: rusted::: 06

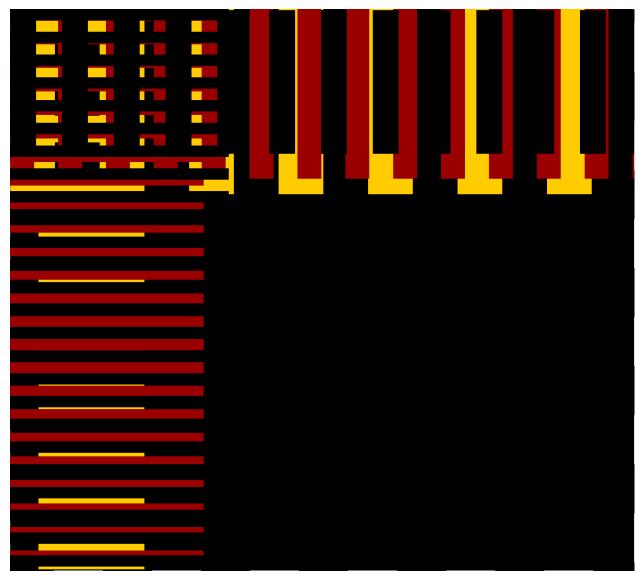
```
...|. parameter variable matrix |...| |..| grid structure thing ...- || observation frame tool |+| +_+ equations models contours #_# &=^ distillation estimation || ...|. syntax set domain & range ^... |..| functional translation &_&

...|_ 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 |||
```



repair:|: lukewarm:|: restore::: 07

..|. 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+

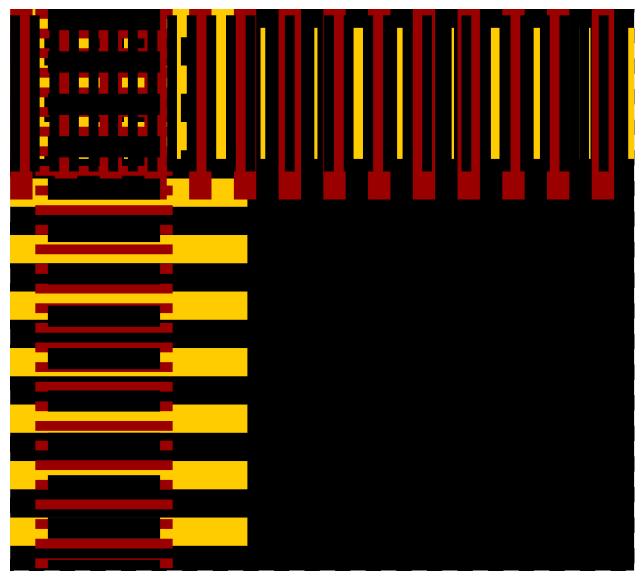
...|. faint signal pale wave slow current faraway transmission |...| |...| faded recording
...- || long ago the far away a t-cell twist like this it goes |+| +\_+ that jukebox love song
jukebox archive jukebox dance song #\_# &=^ rusty turnstile chance song billiard
dice song co2 roulette || ...|. trophic 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 ^..

...|. 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 ^..



liquid:|: station:|: meadow::: 08

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

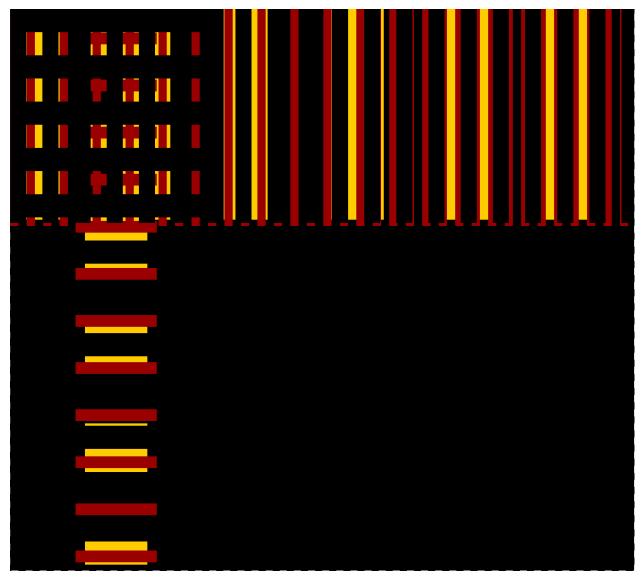
..|_ grassland reclamation _|. |.| archive parchment traveler rider repair(*man) blade

...- || 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 &_&

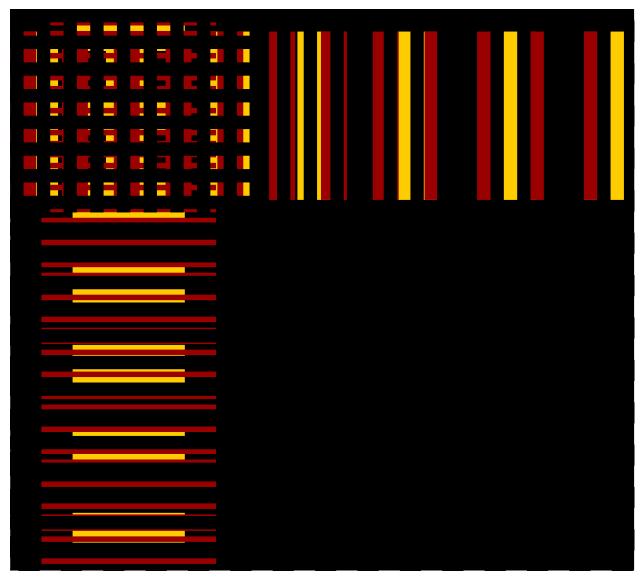
.|_ a knot a sailor _|. |.| a sparse insect count ...- || clear windshield |+| +_+ bee by bee
sparse matrix #_# &=^ once wild swarm buzz now || .|_ a one by one flower hover

^... |.| sparse set pollen heat &_&
```



map:|: prairie:|: suitcase::: 09

```
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
3-ring digits #_# &=^ clickable texts | ...|. shining neon ^...|. pawn shop blinking
&_& || payday loans +0+ +_+ apoplectic news || &=^ heavy rain |...
.|_ 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 &_&
```



liquid:|: suitcase:|: meadow::: 10

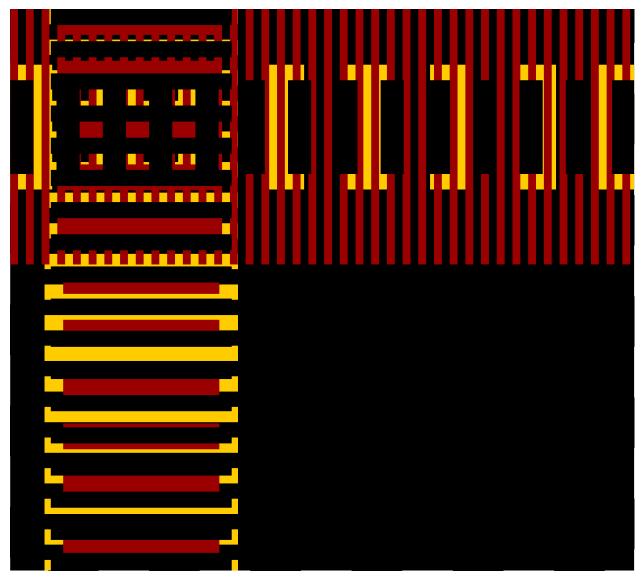
#### 

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

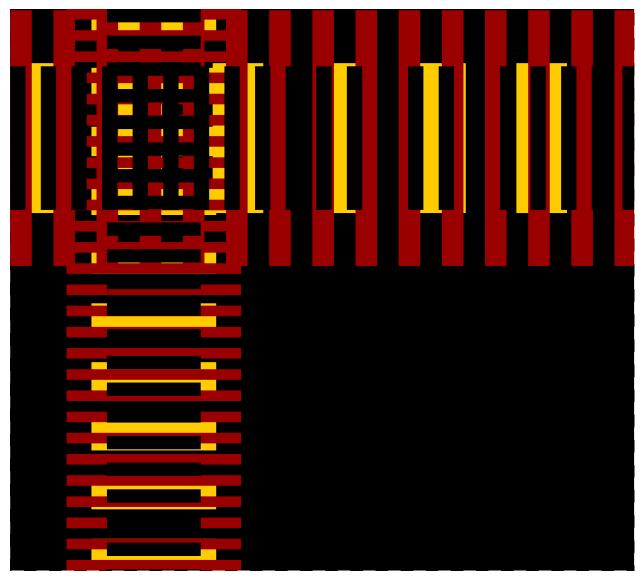
...|_ watering can _|. |..| metallic echo ...- || pale green |+| +_+ drip #_#

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



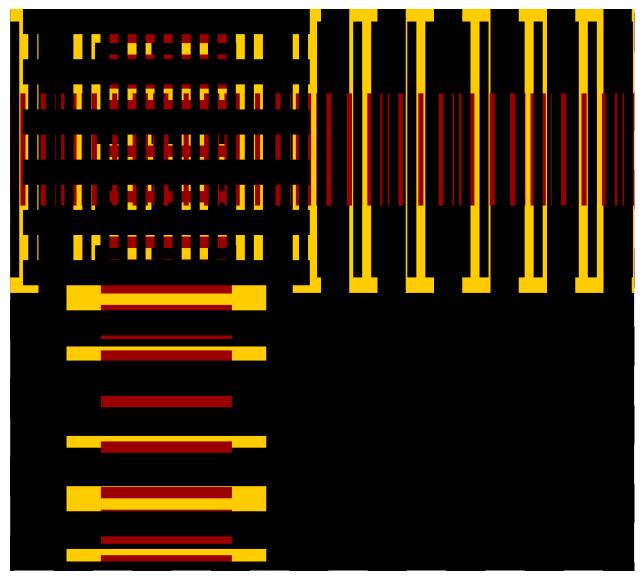
mission: |: rusted: |: paper::: 11

- ...|. dusty |...| |..| dry ...- || road |+| +\_+ repairman rider passenger lone bird #\_# &=^ grass blade dyke (our hero zero rider ze) || ...|. parched ^... |..| to deep well &\_& || poured +0+ +\_+ vessel || &=^ curved heaven |...| ...|. layers walked ...- |..| blocks & blocks miles & miles |+| || grid traversals railroad shortcuts faster more #\_# +\_+ pause nap fuel sandwich coffee shelter onward || &=^ restless random walk ^...
- .|\_ repairman rider passenger lone bird \_|. |.| grass blade dyke (our hero zero rider ze) ..- || arrived on platform wasteland meadow track |+| +\_+ suitcase sandwich coffee thermos #\_# &=^ tepid brown liquid greasy paper || .|\_ folded map ^.. |.| worn matchbook &\_& || lucky strike +0+
- ..|. illumination recitation number sequence radio station |..| |.| urgent message scrawled location ..-
- .|\_ this was the day the time the place \_|. |. | last chance prairie recitation reclamation ..- || stop the gears bend the tide |+| +\_+ stitch mend reweave restore rewind #\_#



reclaim:|: meadow:|: tepid:::12

```
...|. 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 #_#
.|_ a hare moves _|. |. | half the distance ..- || repeat repeat loop |+| +_+ never stop
never loss never last measure last chance #_# &=^ last breath last half last step | .|_
density tonal lattice ... ... 2d telegraph &_& || duration plot staccato rhythm pattern
+0+ +_+ stochastic cyclone cluster noise chance score || &=^ sonic braille morse
code stream sound _|..| alphabet word phrase sentence time paper scroll ..- |.
lattice graph network web tree |+| || link join conjunction semicolon latch hinge #_#
+_+ doorway portal pivot junction || &=^ conjoin jump ^... |_ place or point of union
&_& |. | two or more railway lines +0+ || junction meet or cross |||
```

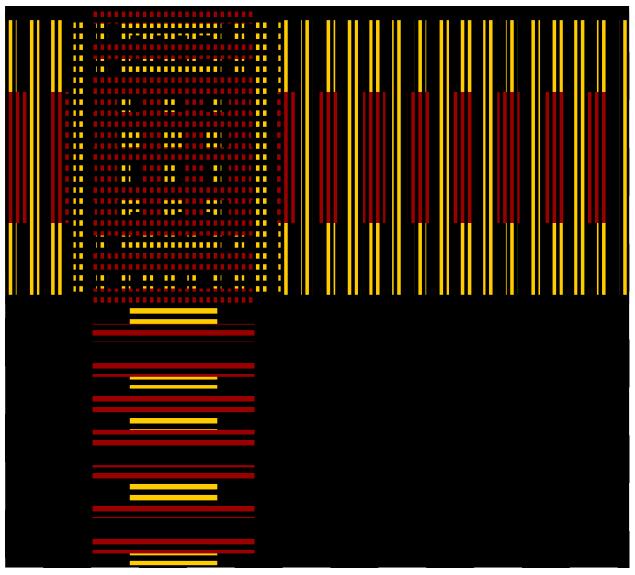


thermosi: |: rusted: |: the:::13

```
...|. 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 ||
```



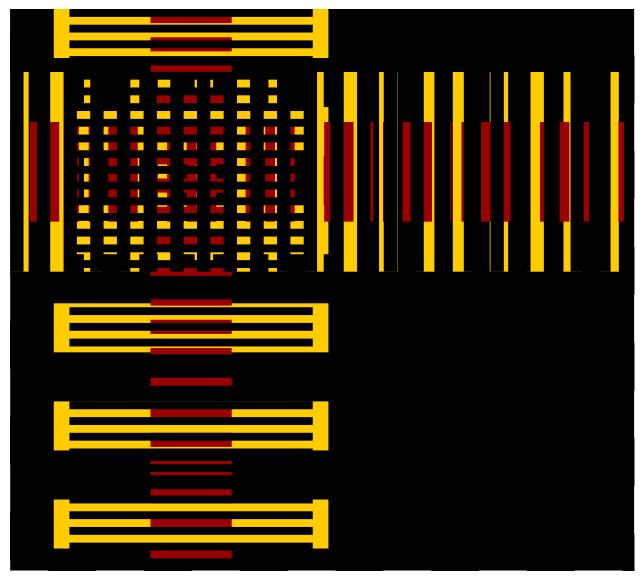
fix:|: map:|: city::: 14

```
..|. 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 #_#
```

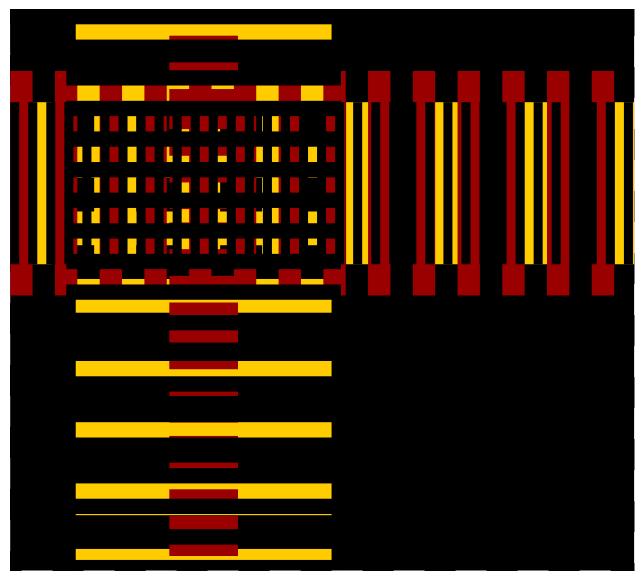
```
..|. food web vertex |..| |.| consume / uptake / feed / decay ..- || pool to pool transmission |+| +_+ mycorrhiza fungus root #_# &=^ stoichiometric filter map ||
```

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



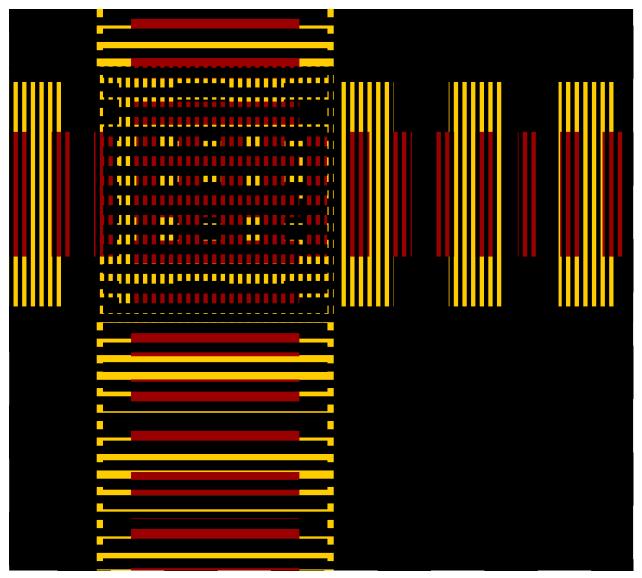
liquid:|: station:|: rebuild::: 15

- ..|. 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 ^..



prairie :|: urgent :|: city ::: 16

```
..|. 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 |||
```



urgent:|: arrived:|: rusted::: 17

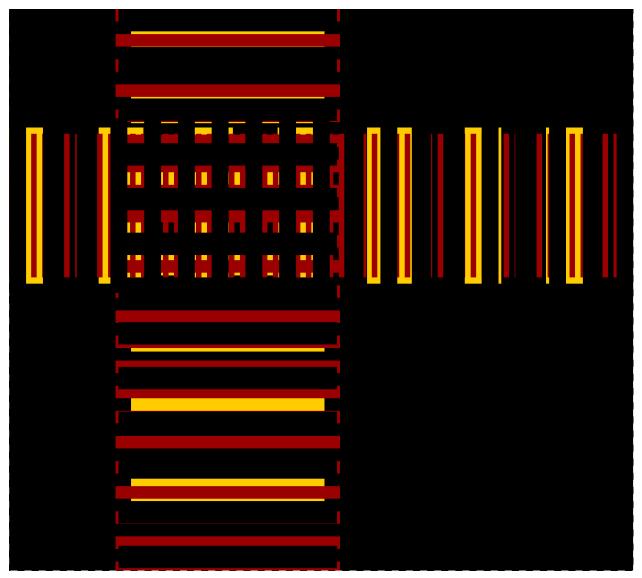
```
...|. volcanic eruptions colossal explosive summer of night |...| |..| cloud of ash eternal winter sky ..- || sublime vastness |+| +_+ clap of thunder #_# &=^ dark sky & rim of light ||
```

.|\_ die cast astronomies astrologers oracles neural net forecast \_|. |.| summary synthesis archive copy ..- || deductions cloudy inference pale sky dusty glass |+| +\_+ cloud forest mist #\_#

```
...|. chlorophyll inception resinous extension |...| |..| oxygen production carbon-bound reduction ..- || transfer bury sequestrate |+| +_+ atmospheric storage #_# &=^ soil archive biomass || ...|. sky writes to earth ^... |..| clouds turn to grass &_& || glass leaf snail fish +0+ +_+ bone & soil & log |||
```

.|\_ linear regression \_|. |.| inversion inflection ... || rollercoaster shift |+| +\_+ velocity force change #\_# &=^ approach zero || .|\_ axis of gone the axe ^..

..... dust bowl prairie loss ...

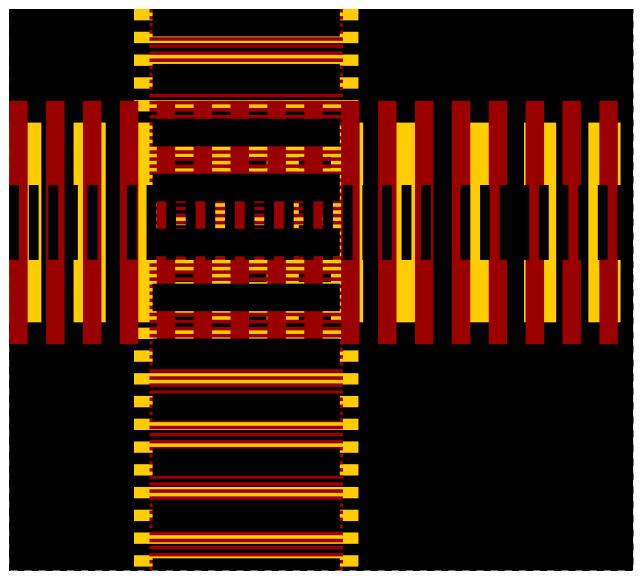


liquid :|: paper ::: 18

```
..|. 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 |+|

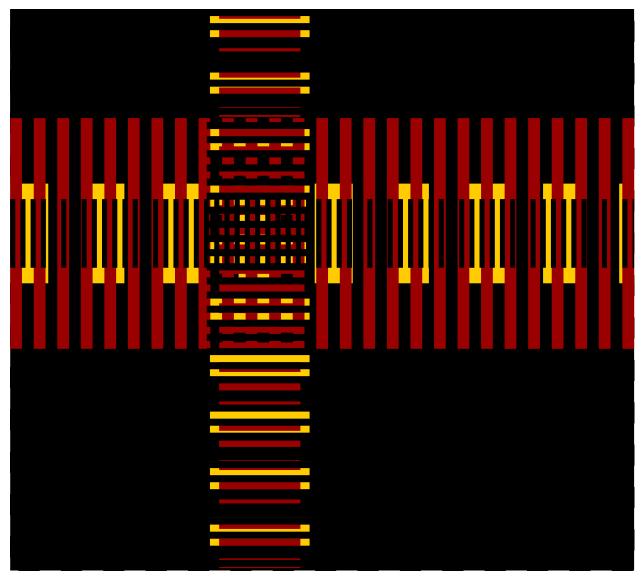
...|. flash drive |...| |..| cellular recollection ..- || slowly fading |+| +\_+ casting of a day #\_# &=^ plant companion || ...|. pulsing network ^... |..| etched on vinyl &\_& || voice wind chorus meadow chord +0+ +\_+ a sound restated now ||| &=^ perhaps could permeate the ether |...|



prairie :|: brown :|: paper ::: 19

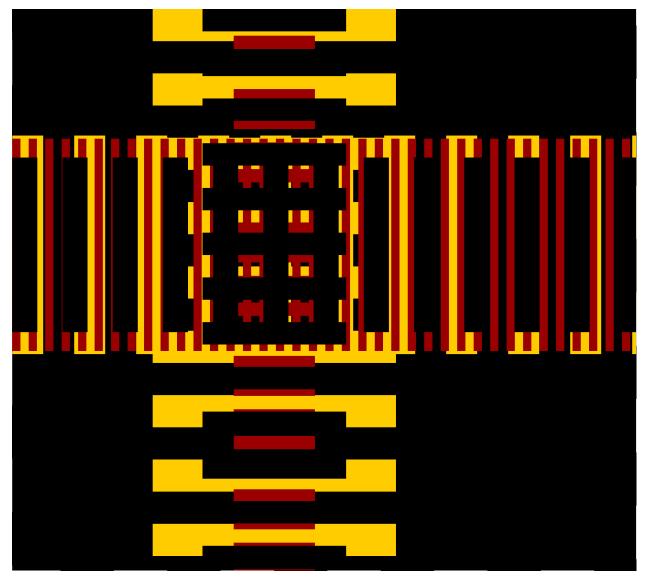
...|. a cast back cellular recording |...| |..| etched on vinyl record number 43 ...- || still intact the voice & windy chordal chorus meadow |+| +\_+ + vinyl pulsing network #\_# &=^ perhaps if sent through radio wave & echo || ...|. sound reclaimed restored restated ^... |..| ghostly sonic vapor could 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+

.|\_ 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+



reweave:|: coffee:|: folded::: 20

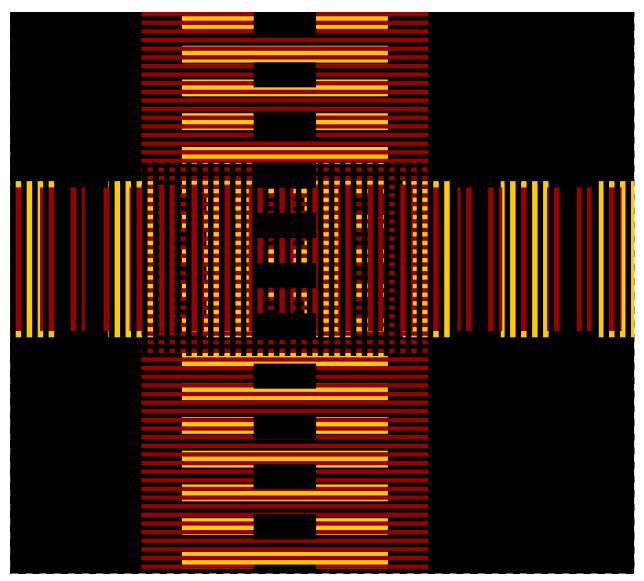
...|. downward glance creased map old building vacant transmission |...| |..| radio station cement wire wood vinyl recordings ... || grass forgotten language roles enactment script score reading glass |+| +\_+ stone paper vinyl microfiche transmission reception receiver sensitive #\_# &=^ convergent 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 ||



folded:|: texaco:|: repair::: 21

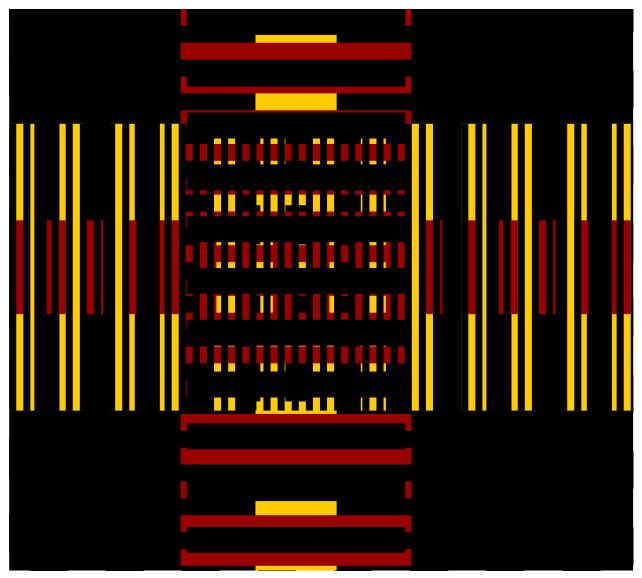
..|. faded animations faded colors green yellow brown => gray |..| |.| plant specimens stamped time-stamped the walker rider passenger ..- || collector observer marks down weather rain heat cold dry piano rolls |+| +\_+ score movement slows to snapshots #\_# &=^ pinning clothes recording transects counts || ..|. 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 ||



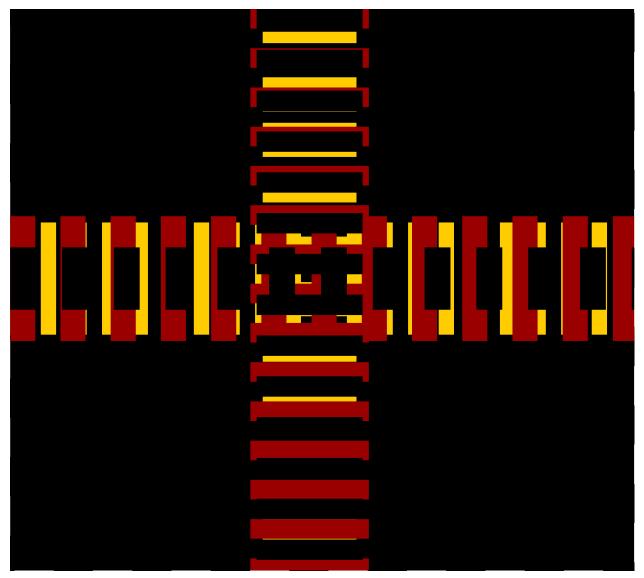
alone:|: tepid:|: greasy::: 22

```
...|. 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 |...|
```



arrived: |: texaco: |: restore::: 23

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

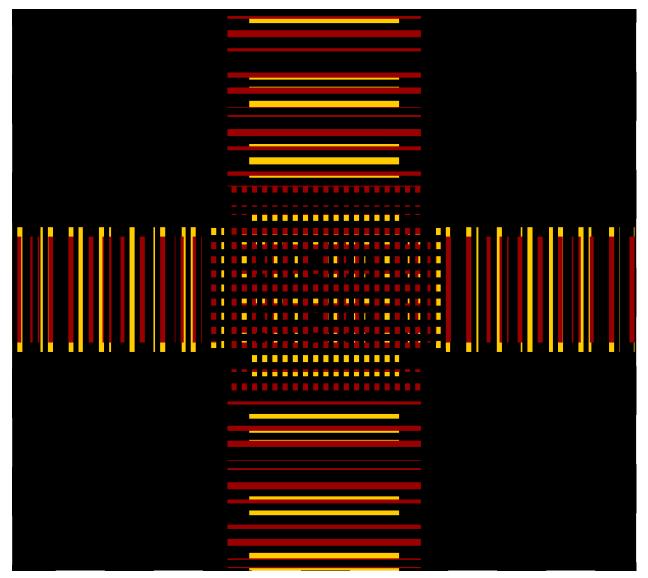


sandwich:|: liquid:|: greasy::: 24

```
..... transformation | ... | ... noise ...
```

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

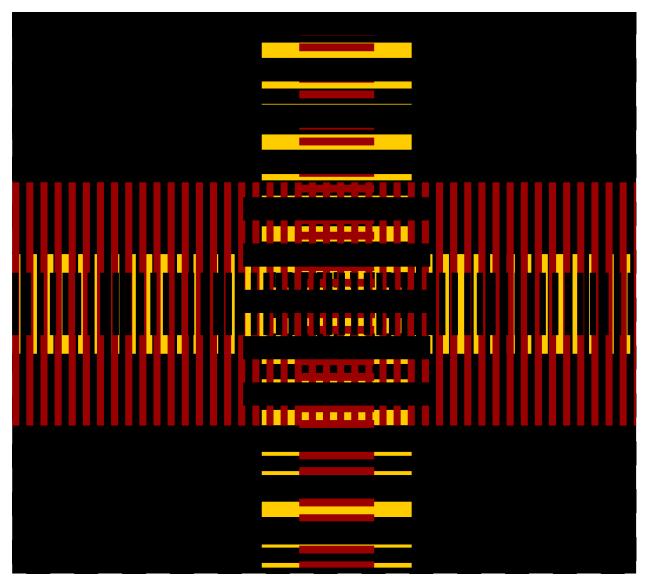
...|. composer ink transmission |...| |..| naked contour ...- || wood pitch reed membrane breath line |+| +\_+ invisible waves harmonic ladder #\_# &=^ wire resonance strings chamber || ...|. hidden fabric ^... |..| bagpipe &\_& || meadow score +0+



suitcase:|: reclaim:|: alone::: 25

```
.... 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 ^..
```

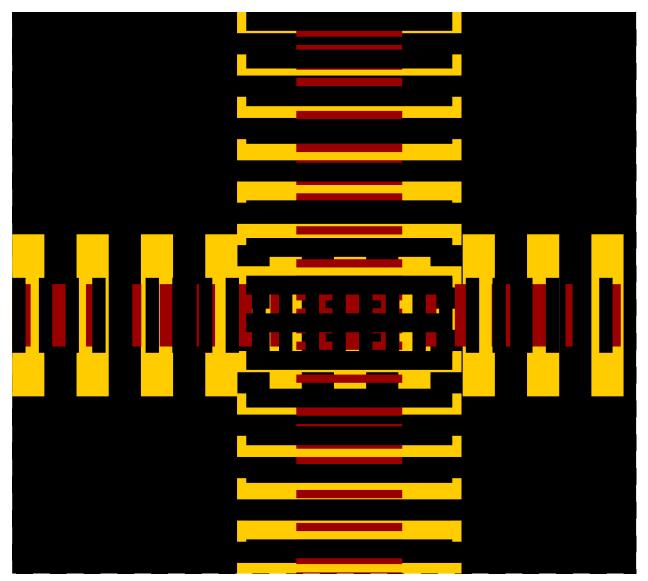


folded:|: prairie:|: rusted::: 26

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

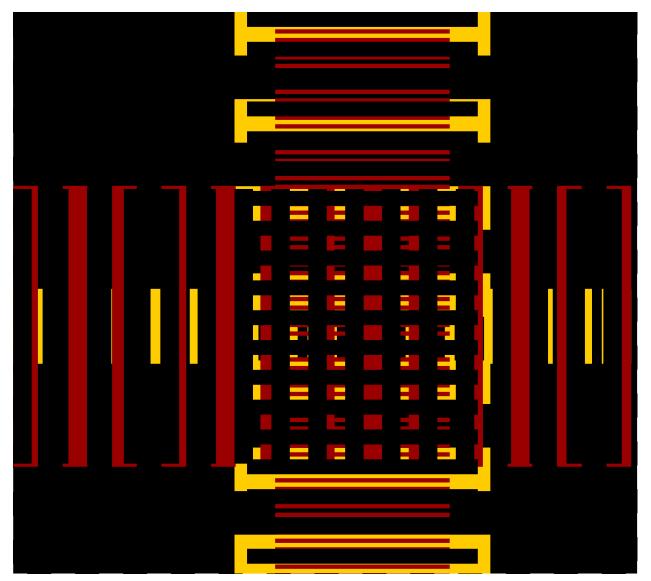
...|_ theory of null values _|. |..| problem of null values ...- || hollow sound |+| +_+
sparse matrix #_# &=^ initial conditions external || ...| parameters landscape
weather ^... |..| bee flower pollen lit pollen wings &_&

...|. 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 _|.
```



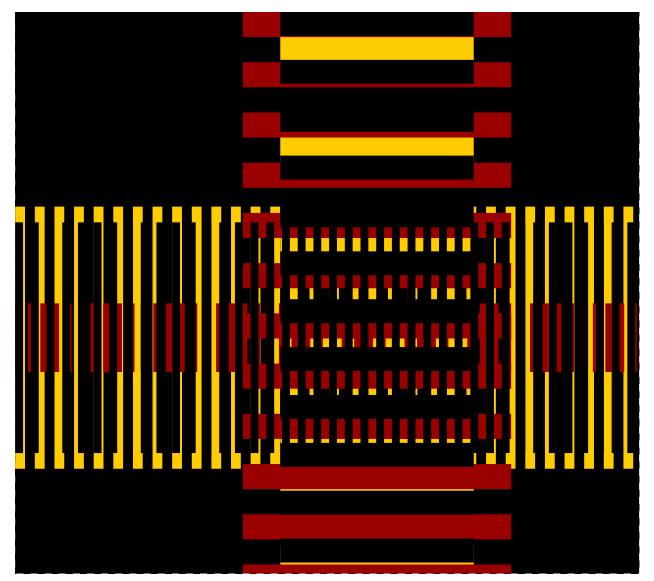
tepid:|: coffee:|: city::: 27

...|. 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 #\_#



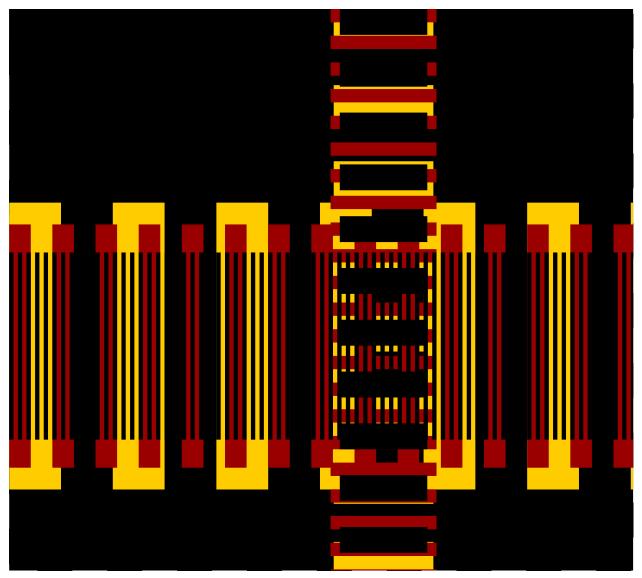
urgent: |: sequestration: |: worn::: 28

...|. 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+



mission: |: mission: |: the::: 29

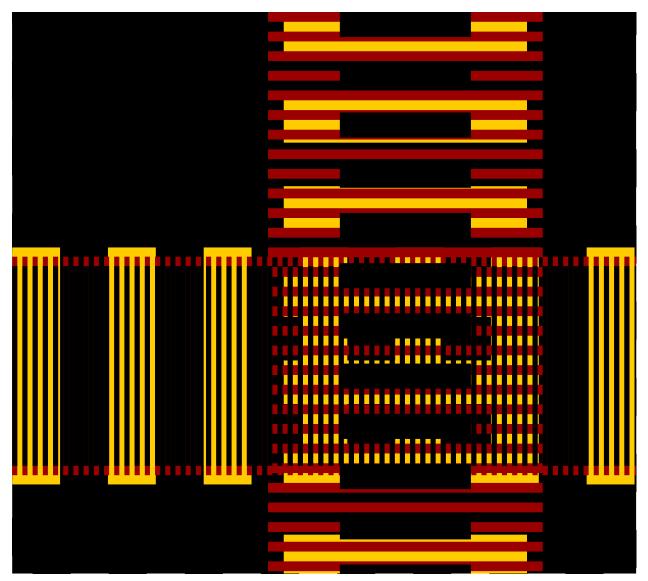
...|. tuning discontinuity fragmentation |...| |..| multiplicity assemblage blur ...- || distance metrics near / far this-ness |+| +\_+ frequency instruments theory #\_# &=^ narrow limited constrained || ...|. drawer paper file grass specimen stalk leaf root ^.. |..| instrument network transmission system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



suitcase:|: arrived:|: folded::: 30

...|. 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 ...-

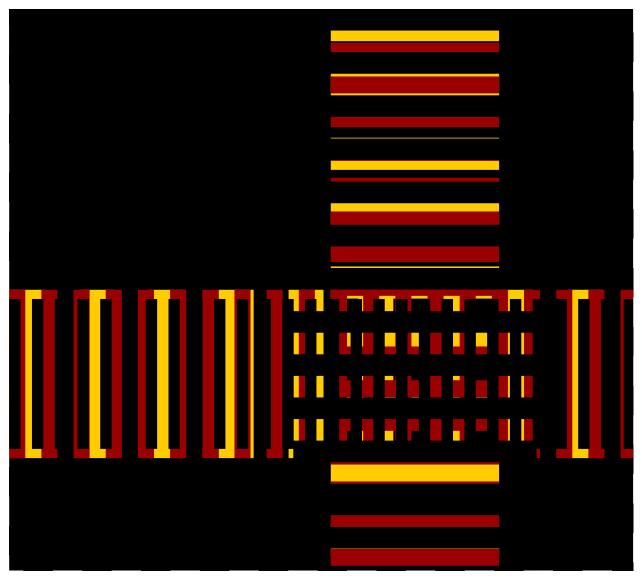
.|\_ slender threshold beat => tone (frequency wave) \_|. |.| particle rhythm synthesis
..- || sea matter light |+| +\_+ redfield 1958 strange ratio #\_# &=^ woven fabric green
& || .|\_ flight ^.. |.| the bird sang one last song &\_& || bird singer song +0+ +\_+ dated
stamped labeled ||| &=^ vinyl voice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



coffee:|: tepid:|: texaco::: 31

..|. 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+ +\_+ 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 &\_& ||.| of all released dead matter sources of their gathering +0+ || 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 #\_#



reweave: |: mission: |: city::: 32

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

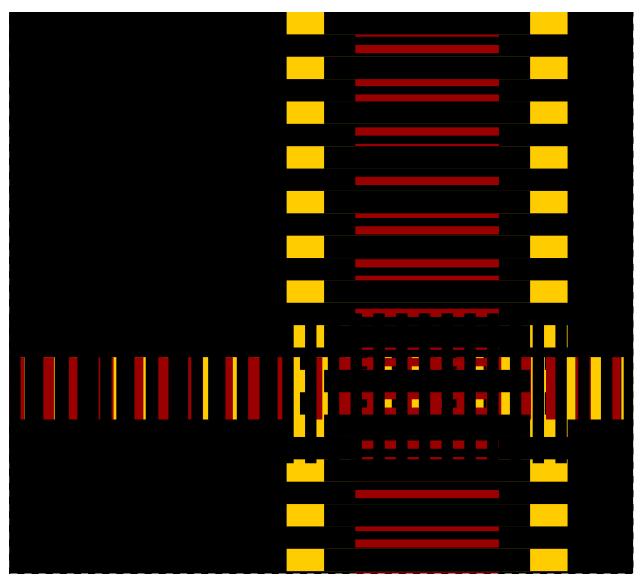
...|. architecture of flows |...| |..| chain web sparse or dense ...- || multi routed multi threaded |+| +\_+ brilliance resilience resplendent #\_# &=^ abundance complexity || ...|. iron glass & noise ^... |..| weft & warp &\_&

.|\_ 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 ...
```

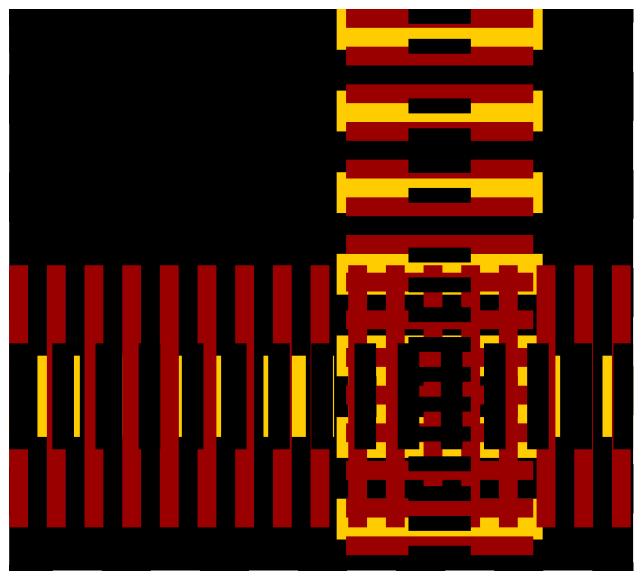
.|\_ watches for sale \_|. |.| circus hawker ..- || projected image alley |+| +\_+ film alley lamp #\_# &=^ shadow night ink || .|\_ pool found object ^.. |.| theater company sound &\_& || foundry sound factory +0+ +\_+ new polyphony alienation ||| &=^ intersections junctions \_|. .|\_ friction resolution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

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



tepid:|: paper:|: texaco::: 33

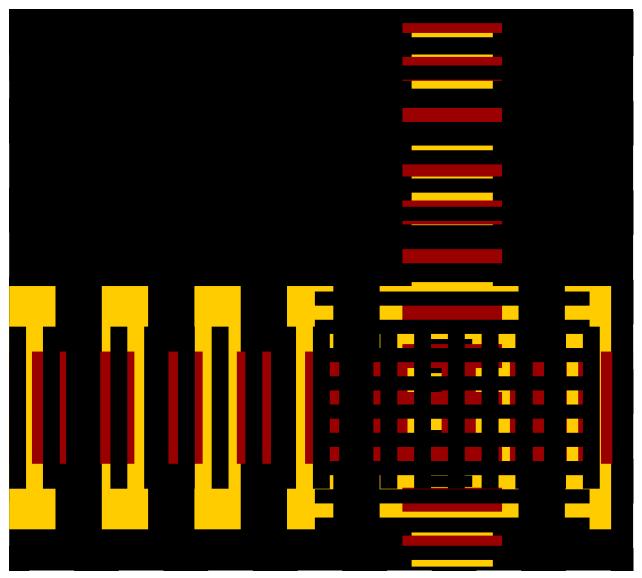
- ..|. city of sleep city of masks city of subway & turnstile |..| |.| too close stand back headlights ..- || tracks nyx boat coin chaos birds |+| +\_+ stain permeate imprint drench spill #\_# &=^ illuminate transcribe prime stretch nail ||
- .|\_ theater of the very small theater of passions theater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



tepid:|: brown:|: thermosi::: 34

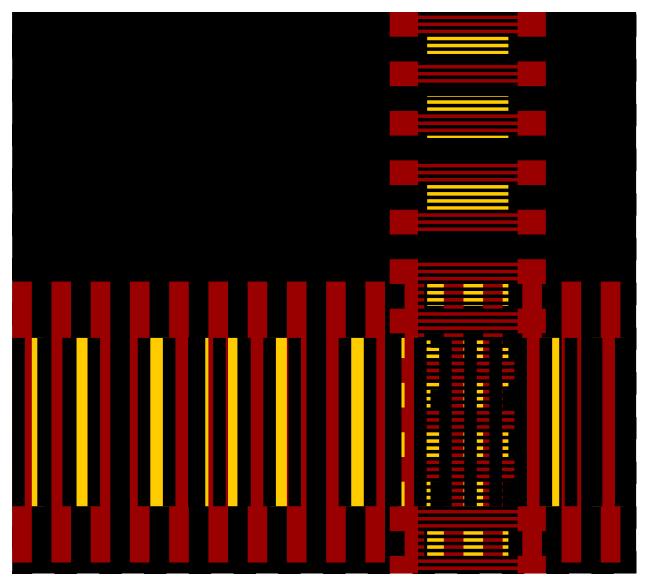
...|. physical laws governing theorems systems form & function |...| |...| n-body species interaction multi lingual multi scale stoichiometric ...- || molecular spectral choral networks |+| +\_+ multiple frame rates multiple scales projections synchronized moments colliding #\_# &=^ separating departures 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 |||

.|\_ 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 ..-



brown: |: the: |: mission::: 35

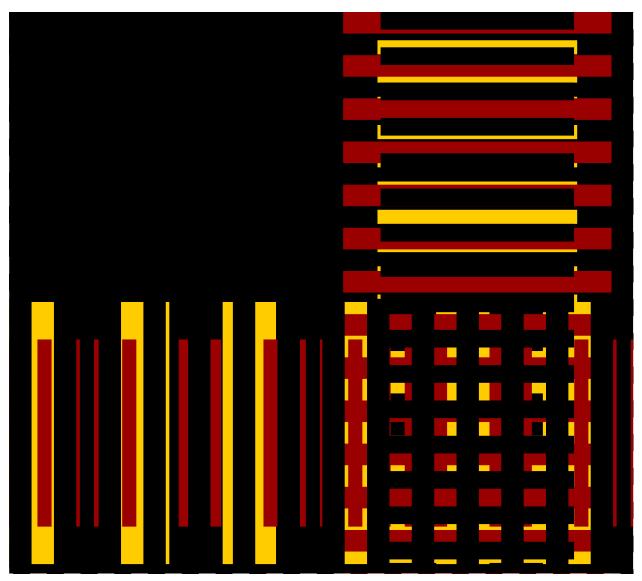
- ..|. it was like this every morning |..| |.| every night ..- || every afternoon |+| +\_+ every hour every day every particle every sweep #\_# &=^ of hand every nuclear click digital + & || ..|. watches for sale for locomotion ^.. |.| for steam oil coal crash &\_&
- .|\_ knapsack traveler nomad grazer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



suitcase:|: prairie:|: urgent::: 36

...|. 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 |...|

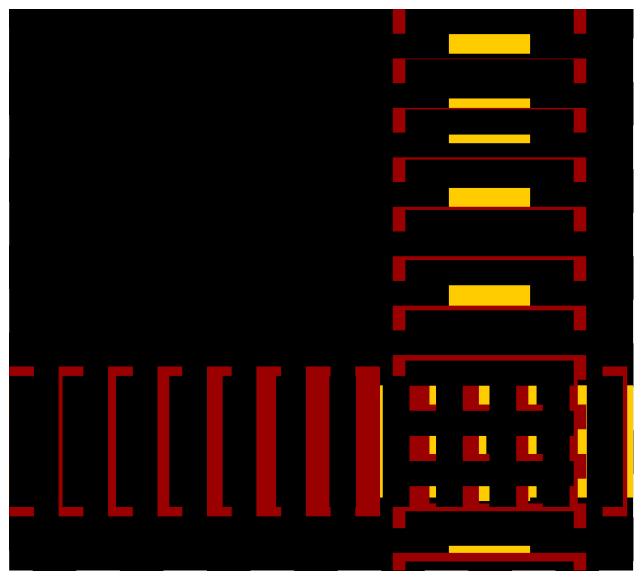
.|\_ re-listen record past voice wind grass bird \_|. |.| a re enactment an inhabitance embeddedness ..- || past landscapes topologies geologies cellular matrix |+| +\_+ diorama of exquisite detail alive stilled waiting silent #\_# &=^ animate breathe illuminate turn the rusty gears wind the clock || .|\_ 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 |||



prairie:|: lukewarm:|: mission::: 37

```
...|. 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 | ...
=> leap) |+| || thermal energy => charge carrier material work function catapult
trapeze #_# +_+ electromagnetic waves through a gap => light | &=^
electromagnetic fields are a filament not a plow \(^{\lambda}\). .... 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+
.... microscope observatory tiny vial |...| tiny xylophone tiny ribcage ...
. _ tube => transistor cathode ray tube _ . _ raster digital pixel knowing ... |
language drawing vector contour lost |+|
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 selforganizing orbit science &\_& || geometric atmospheric light nitrogen +0+ +\_+
nutrient profile adaptation ||| &=^ mineral light weather water \_|. .|\_ vial drop
science ..- |.| torn curtain broken window chaos science |+|

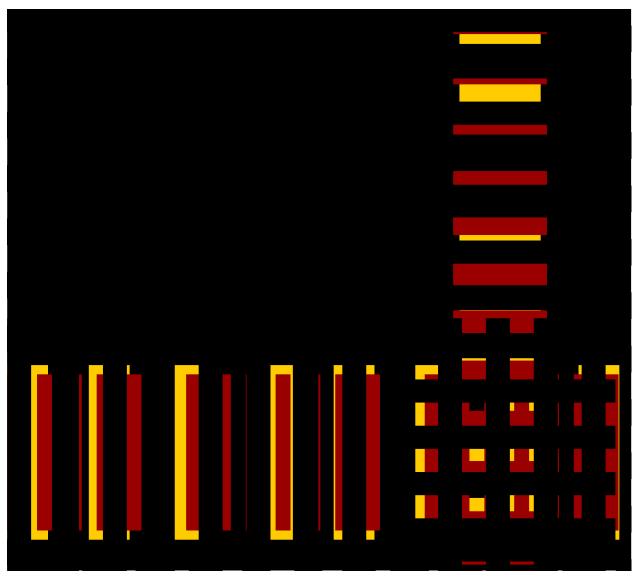


meadow:|: repair:|: alone::: 38

- ..|. 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+
- ...|. breathe animate spark |...| |..| pollination proliferation mineralization ...- || green pigment chlorophyll carbon water weaving milling spinning |+| +\_+ oxygen energy light #\_# &=^ moment ratio cello ratio orchestra ratio choir ratio grassland ratio || ...|. wetland ratio ocean redfield ratio broken stick vibrating string ^... |..| eigenvalues slanted towards instability collisional cycling &\_& || lack of continuance certain chaos +0+ +\_+ queer nonlinear signal skewed || &=^ bent |...|
- .|\_ incompatible not computable indecipherable inscrutable \_|. |.| interval of change flux charge exchange transition evolution dynamics ..- || flow bifurcations unbound untied |+| +\_+ sudden cloud break asymptotic stable stillness center #\_# &=^ an orbit a continuance a vector field exuberance || .|\_ neon vibration computation geologic carbon spilled across the sea ^.. |.| deep beneath the surface roots shredded ancient bones past sink store archive lock &\_& || zero hero carbon sink pivot tangent steady drop +0+

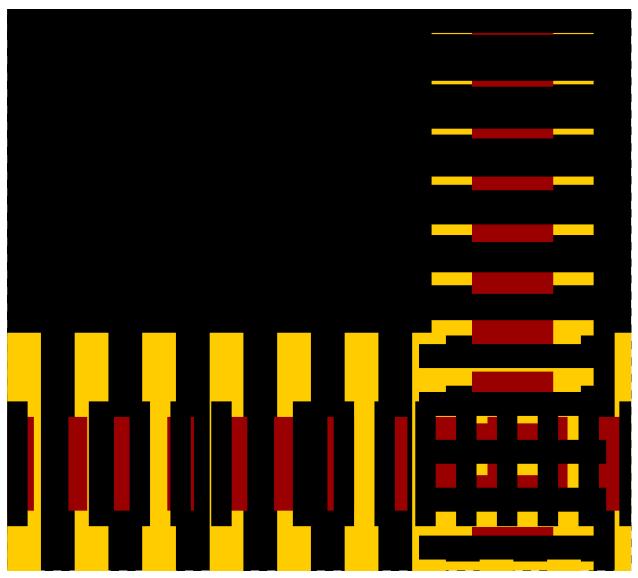
..|. cloud upside down root sequestration |..| |.| stop hold bar block this avalanche of loss ..- || skeleton machine skull writing ceiling wailing keening siren howl feedback broken |+| +\_+ wire cricket friction klezmer waltz reed membrane wind bone mallet hollow stem #\_# &=^ a regiment of meadow || ..|. 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 ..-



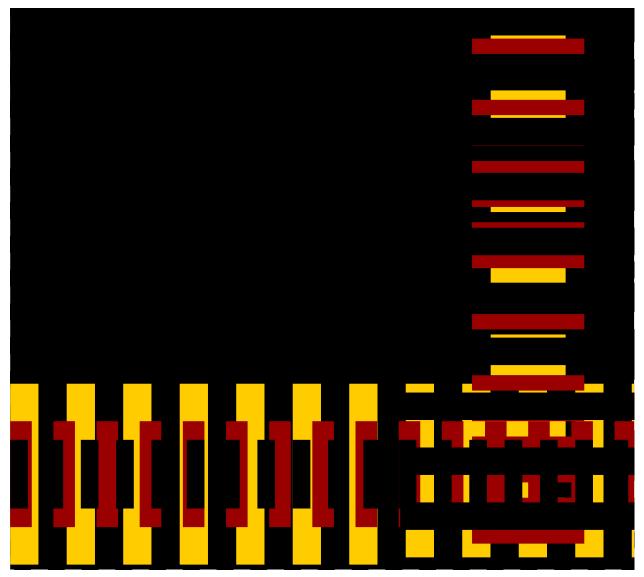
tepid:|: sandwich:|: restore::: 39

- ...|. fires wind walls cross the plains |...| |.| siberian methane craters epoch ice mass glaciers melted ... || carbon water torrents spew |+| +\_+ glaciers plastic castles plastic wasteland acid death zone #\_# &=^ tsunami mass breadth depth force physics || ...|. pandemic fascist prisons state-blue murder ^... |.| homeless ghosts plywood window &\_& || cafe stalled railways vacant buslines +0+ +\_+ emergency crisis full wards breathless death |||
- .|\_ hunger walks through newsprint clickbait \_|. |.| advertisement-laced bad news ..-|| devastating news unprecedented news every-day cataclysmic criminal leader news |+| +\_+ felon leaders moloch leaders consuming leaders devouring leaders marrow sucking leaders #\_# &=^ maskless faithless villains bearing flags & spewing venom ||
- ..|. & citizen knapsack bandaged wanderers |..| |.| greasy coughing last-legs diner masked ghosts ..-



rebuild:|: lukewarm:|: suitcase::: 40

- ...|. why is this day unlike any other day? |...| |..| this moment this view this inflection bending curve like no other ...- || or why is this day like an other once upon a time dinosaur last-day meteorite explosion |+| +\_+ dusty smoke-filled orange sky #\_#
- .|\_ 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+



coffee:|: paper:|: arrived::: 41