

CARTOGRAPHY OF KNOWN SPACES

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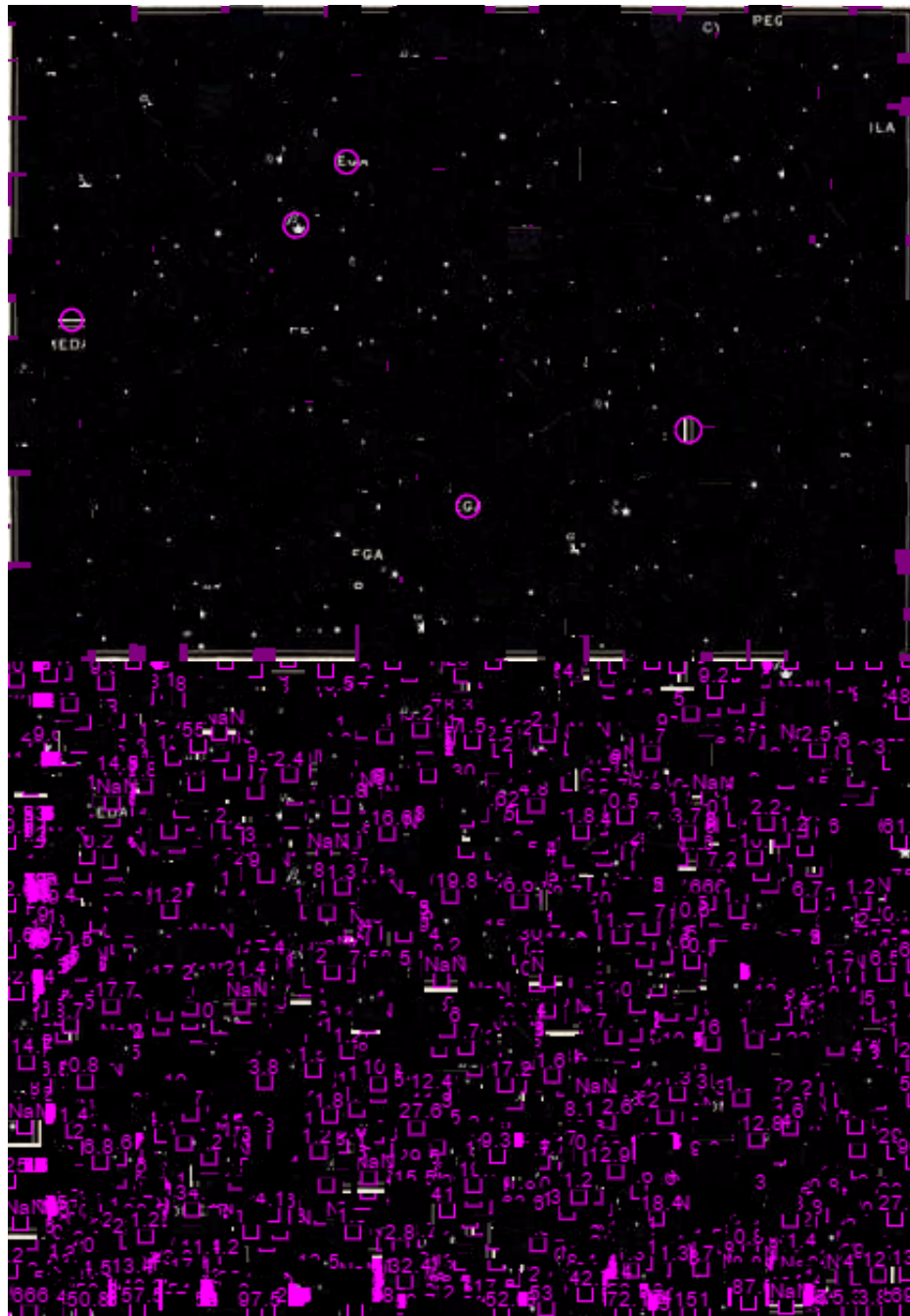
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I

charts of unknown stars

This file contains classifications for stars not already collected in the literature, serving as a continuation of the compilations produced by the Jascheks, by Kennedy, and by Buscombe.

Magnitudes are provided as an indication of brightness, but these data are not necessarily accurate, as they often derive from photographic photometry or rough estimates.





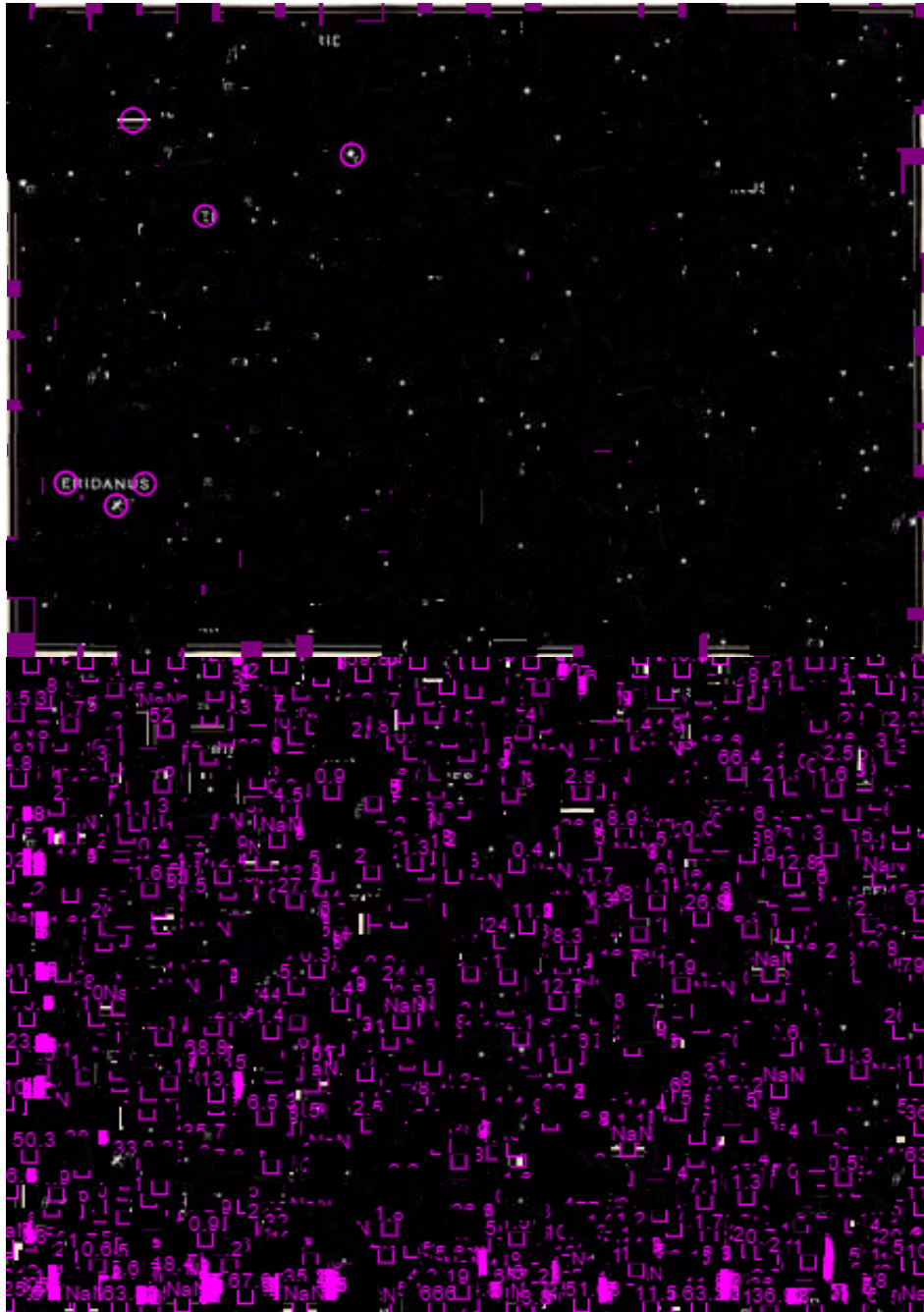
00 B7V
apparent magnitude: 7.02
distance: 581.5 ly

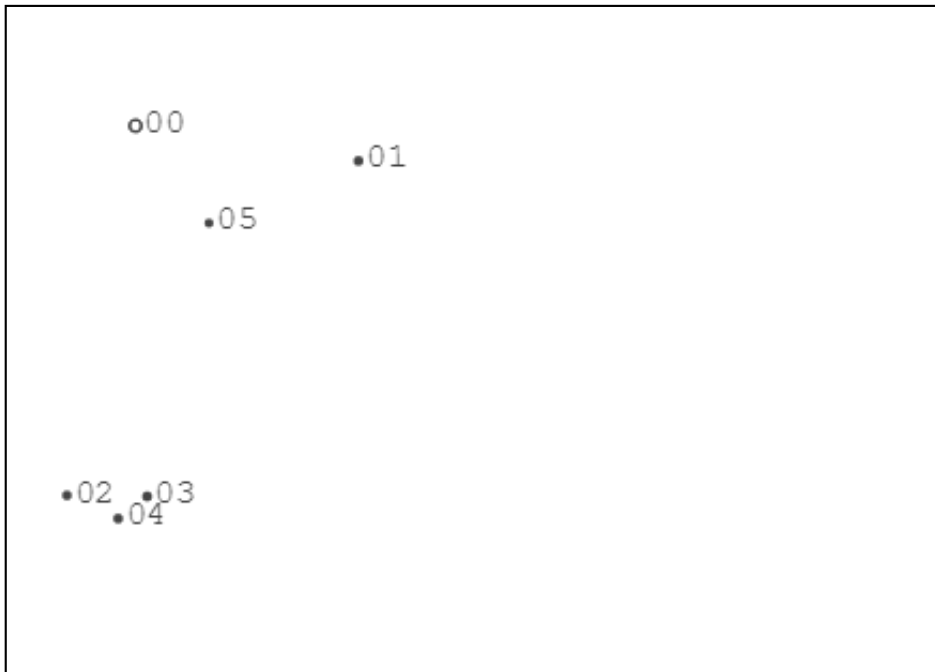
01 M
apparent magnitude: 1.76
distance: 167.2 ly

02 em
apparent magnitude: 4.42
distance: 233.1 ly

03 M0
apparent magnitude: 6.22
distance: 1538.7 ly

04 G8V
apparent magnitude: 0.6
distance: 177.6 ly





00 M6
apparent magnitude: 2.49
distance: 1581.9 ly

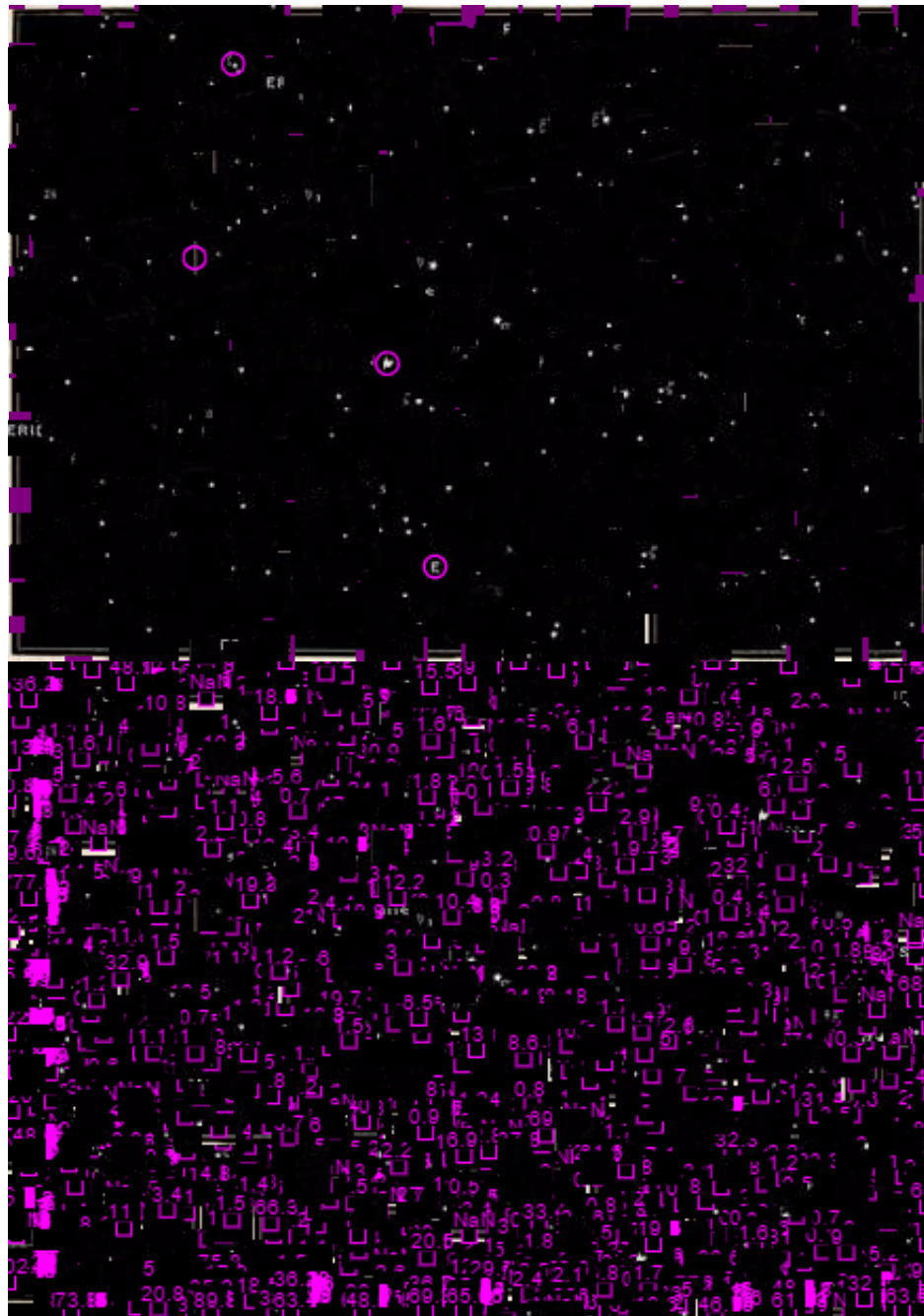
01 M6e
apparent magnitude: -0.83
distance: 711.6 ly

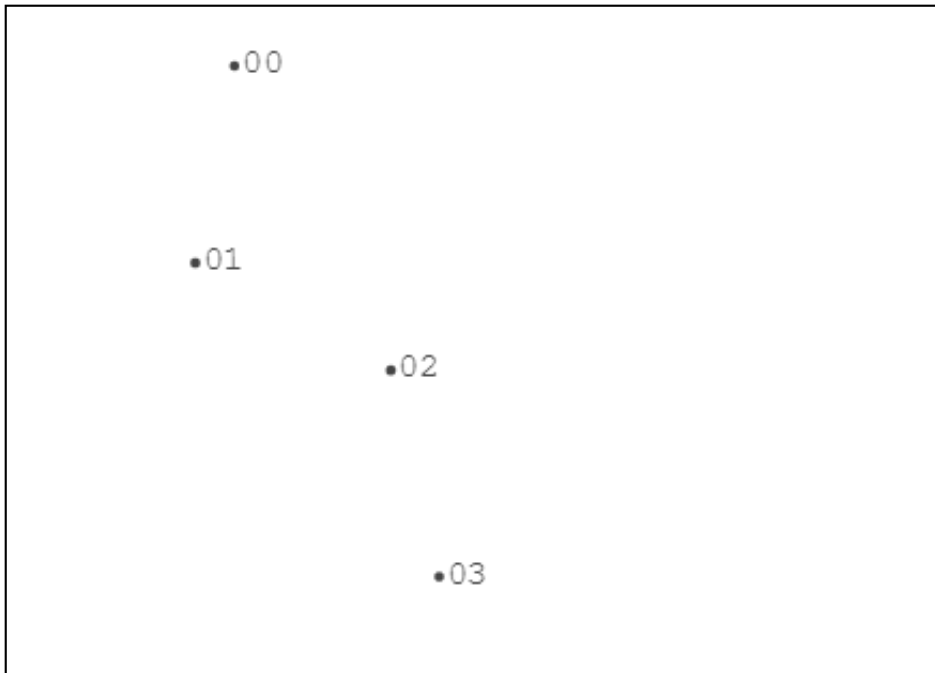
02 em
apparent magnitude: -0.24
distance: 54.8 ly

03 sd05 He4
apparent magnitude: 0.22
distance: 703.7 ly

04 K1V
apparent magnitude: 4.35
distance: 942.8 ly

05 G8V
apparent magnitude: 7.68
distance: 1688.2 ly



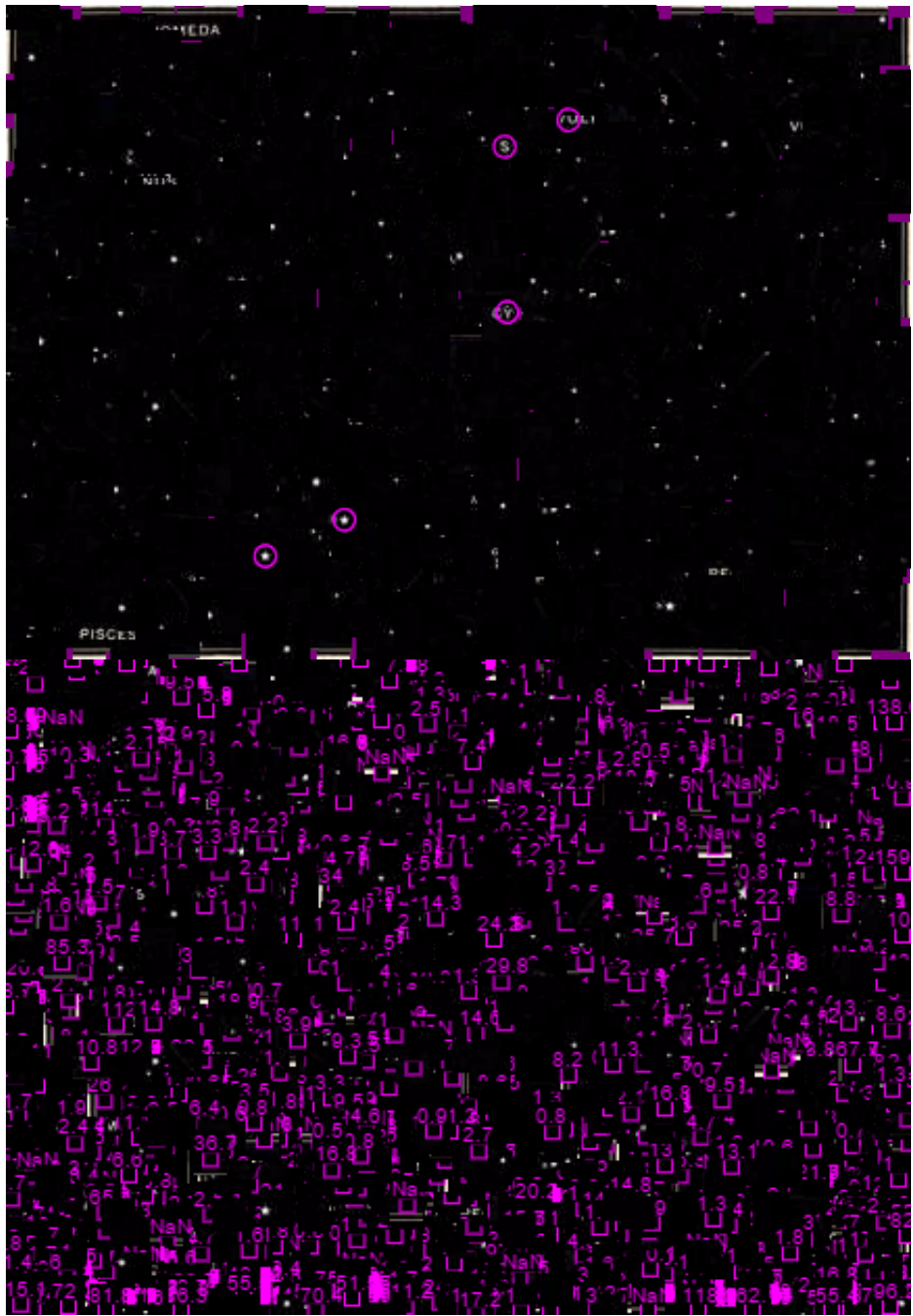


00 K3: + M1:e
apparent magnitude: 5
distance: 1755.7 ly

01 M3
apparent magnitude: 6.2
distance: 936.5 ly

02 F0V
apparent magnitude: 5.28
distance: 1461.2 ly

03 M3
apparent magnitude: 1.62
distance: 1573.7 ly





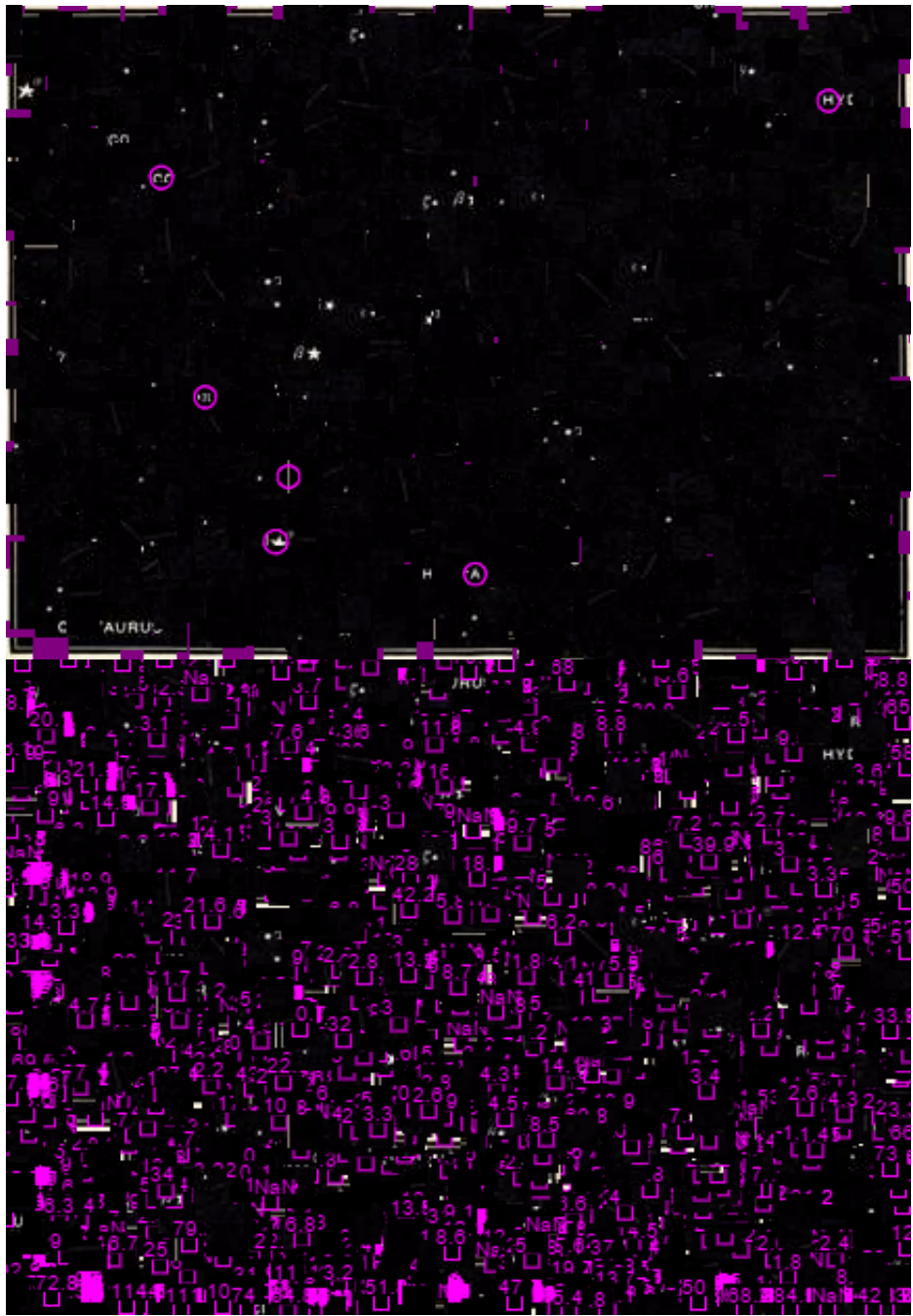
00 M4
apparent magnitude: -1.89
distance: 864.9 ly

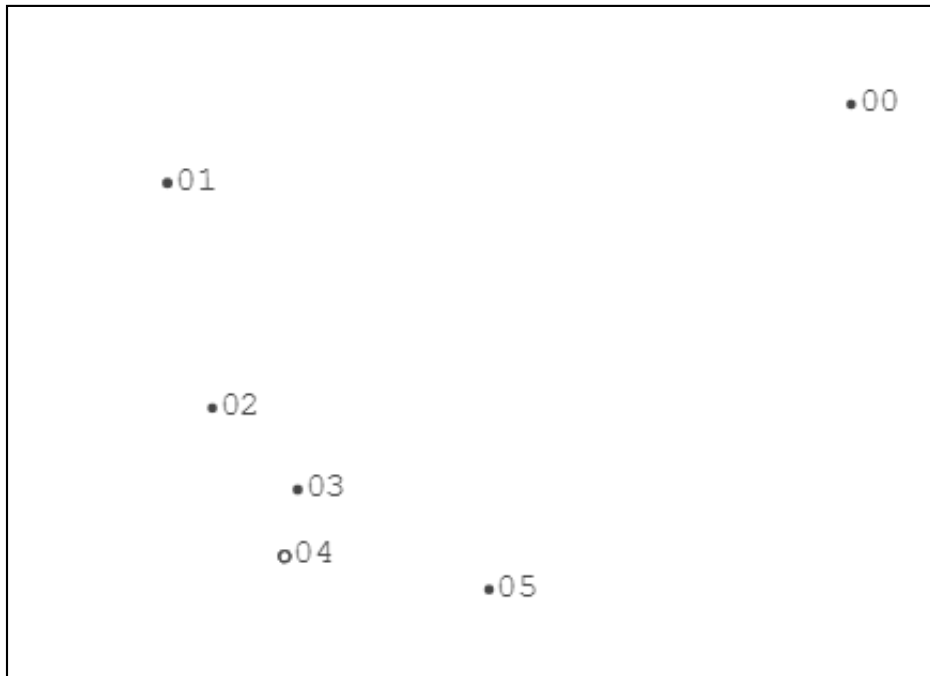
01 B7V
apparent magnitude: 5.26
distance: 1821.2 ly

02 G8IV
apparent magnitude: -0.91
distance: 1486.7 ly

03 K0V
apparent magnitude: 4.73
distance: 881.4 ly

04 F0V
apparent magnitude: 4.15
distance: 1709.7 ly





00 K3V
apparent magnitude: 0.95
distance: 408.1 ly

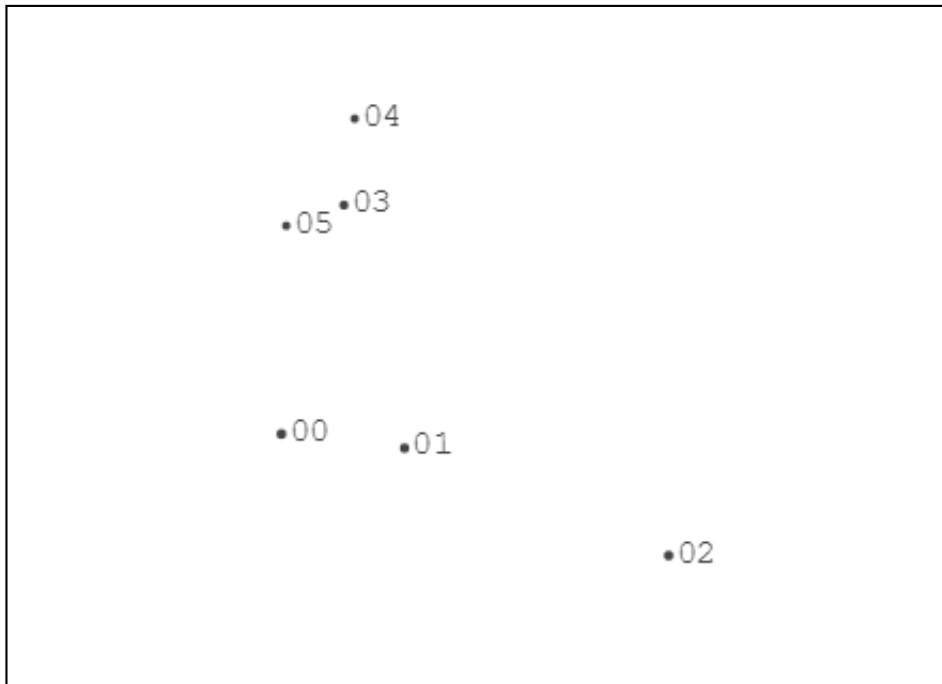
01 the earth's air
apparent magnitude: Infinity
distance: within my lungs (0mm)

02 K0V
apparent magnitude: 7.1
distance: 1492.8 ly

03 F0
apparent magnitude: -1.56
distance: 289.1 ly

04 K0V
apparent magnitude: -1.62
distance: 54.7 ly

05 wooden chair
apparent magnitude: Infinity
distance: the thickness of my clothing



00 B8V
apparent magnitude: 5.69
distance: 1546.1 ly

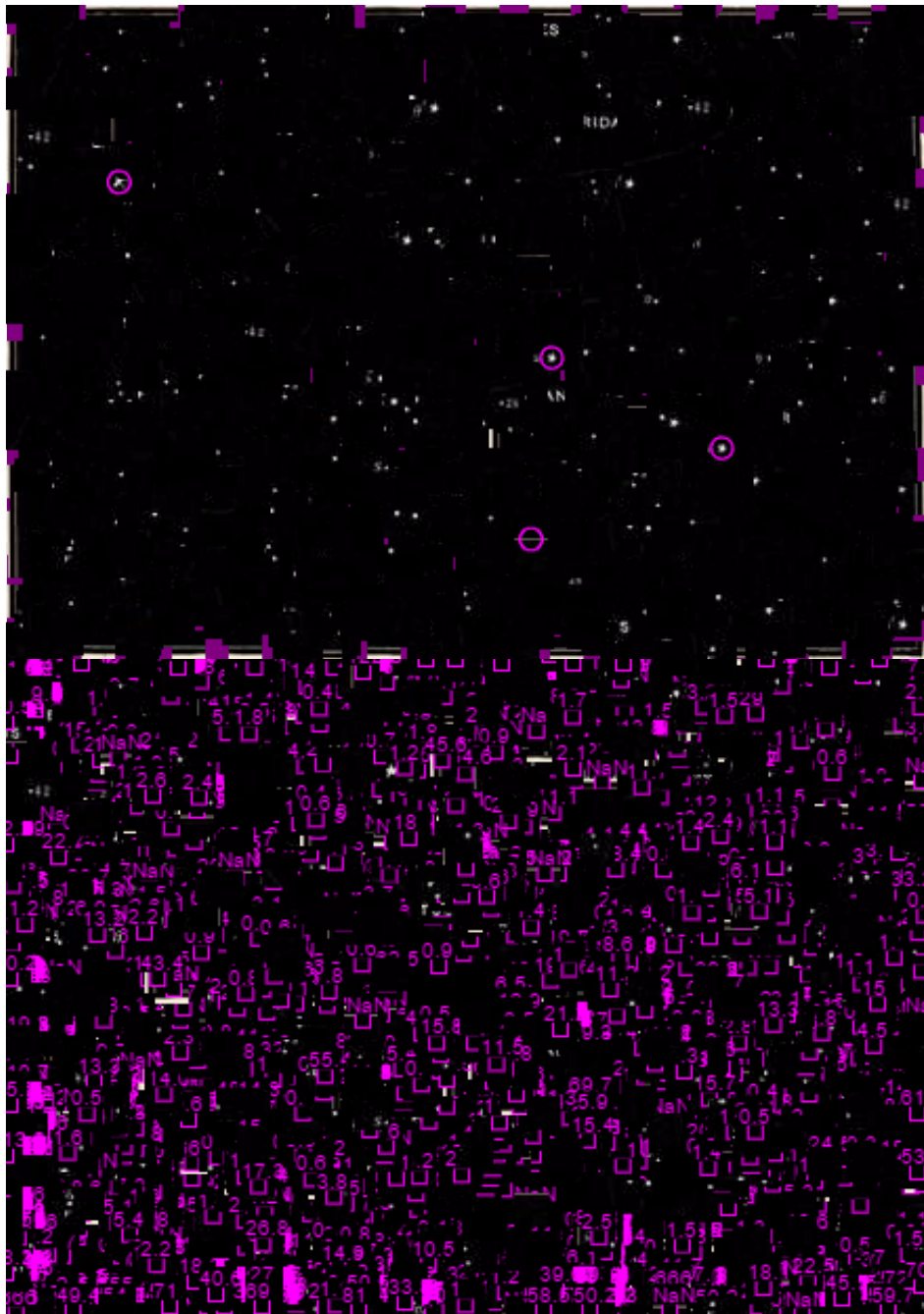
01 G2/5V
apparent magnitude: 6.17
distance: 1682.6 ly

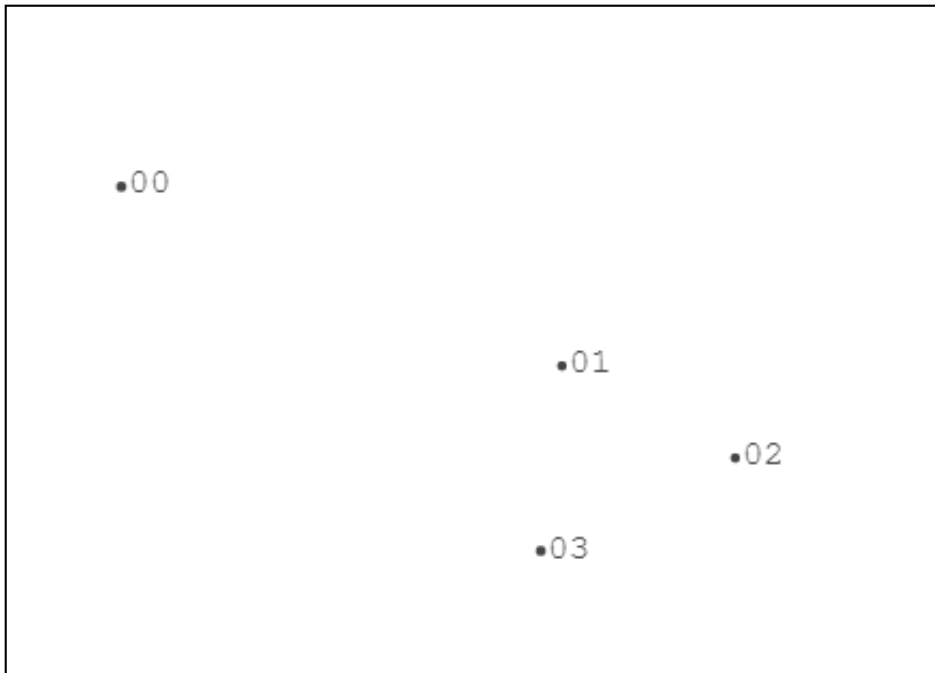
02 wooden table
apparent magnitude: Infinity
distance: beneath my hands (0mm)

03 K5
apparent magnitude: 4.44
distance: 34.1 ly

04 OB
apparent magnitude: 2.96
distance: 728.3 ly

05 G2V
apparent magnitude: 1.17
distance: 738.4 ly



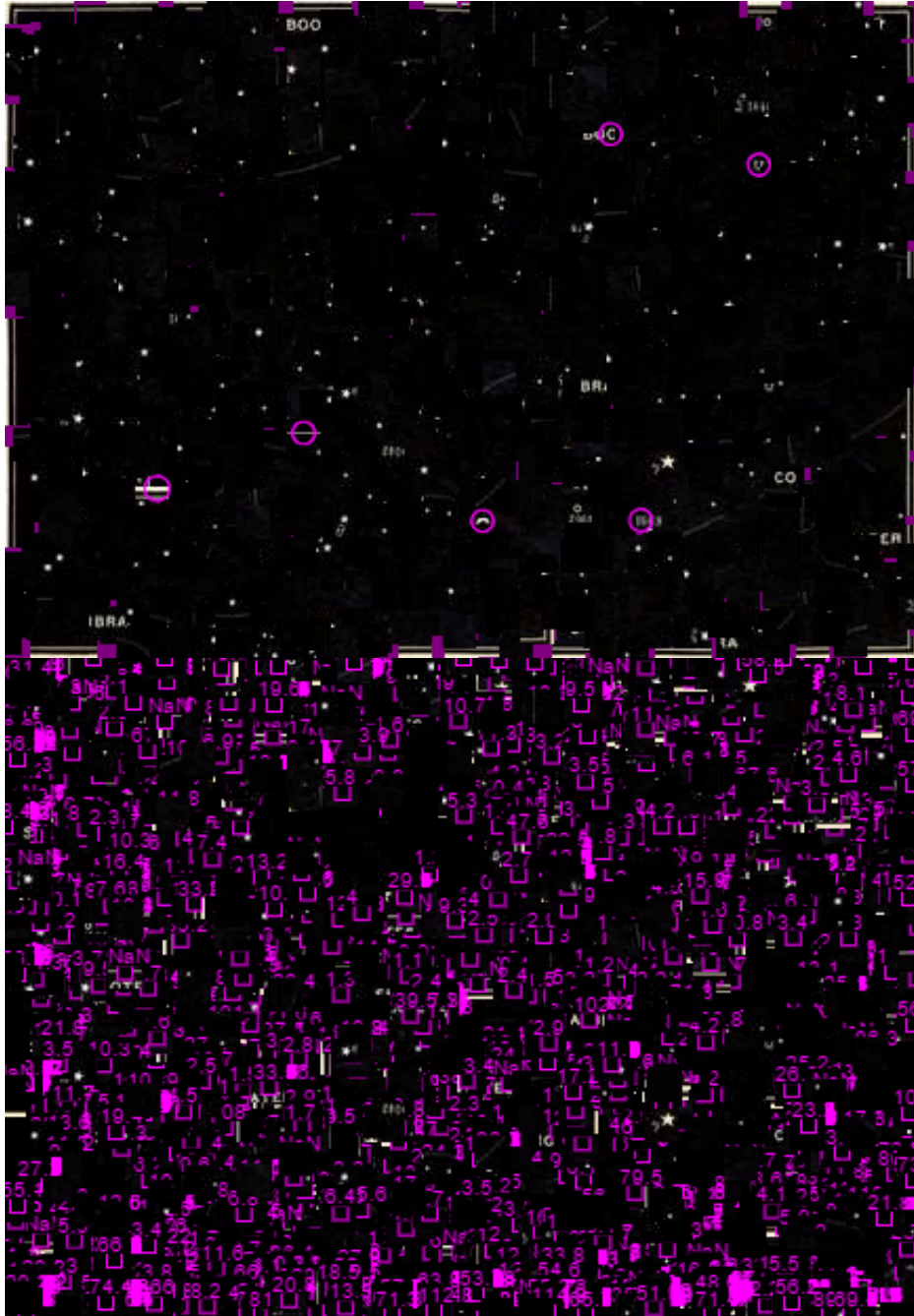


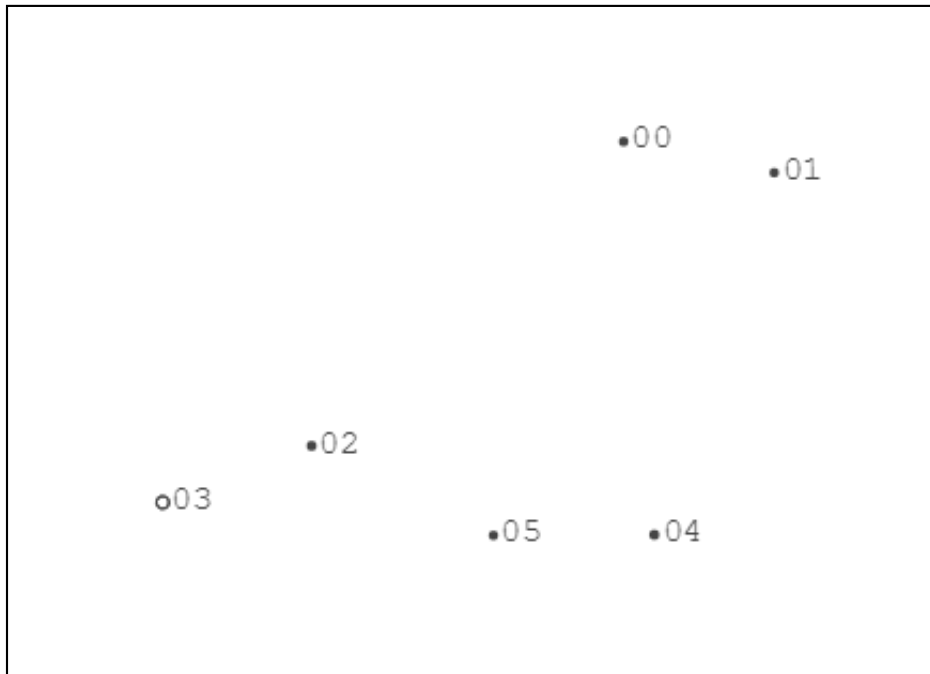
00 M0V
apparent magnitude: 3.13
distance: 1175.4 ly

01 M3
apparent magnitude: 5.15
distance: 352 ly

02 G8/K0V w1
apparent magnitude: -1.56
distance: 1515.9 ly

03 G2V
apparent magnitude: 3.97
distance: 1124.2 ly





00 wooden chair
apparent magnitude: Infinity
distance: 2.3m

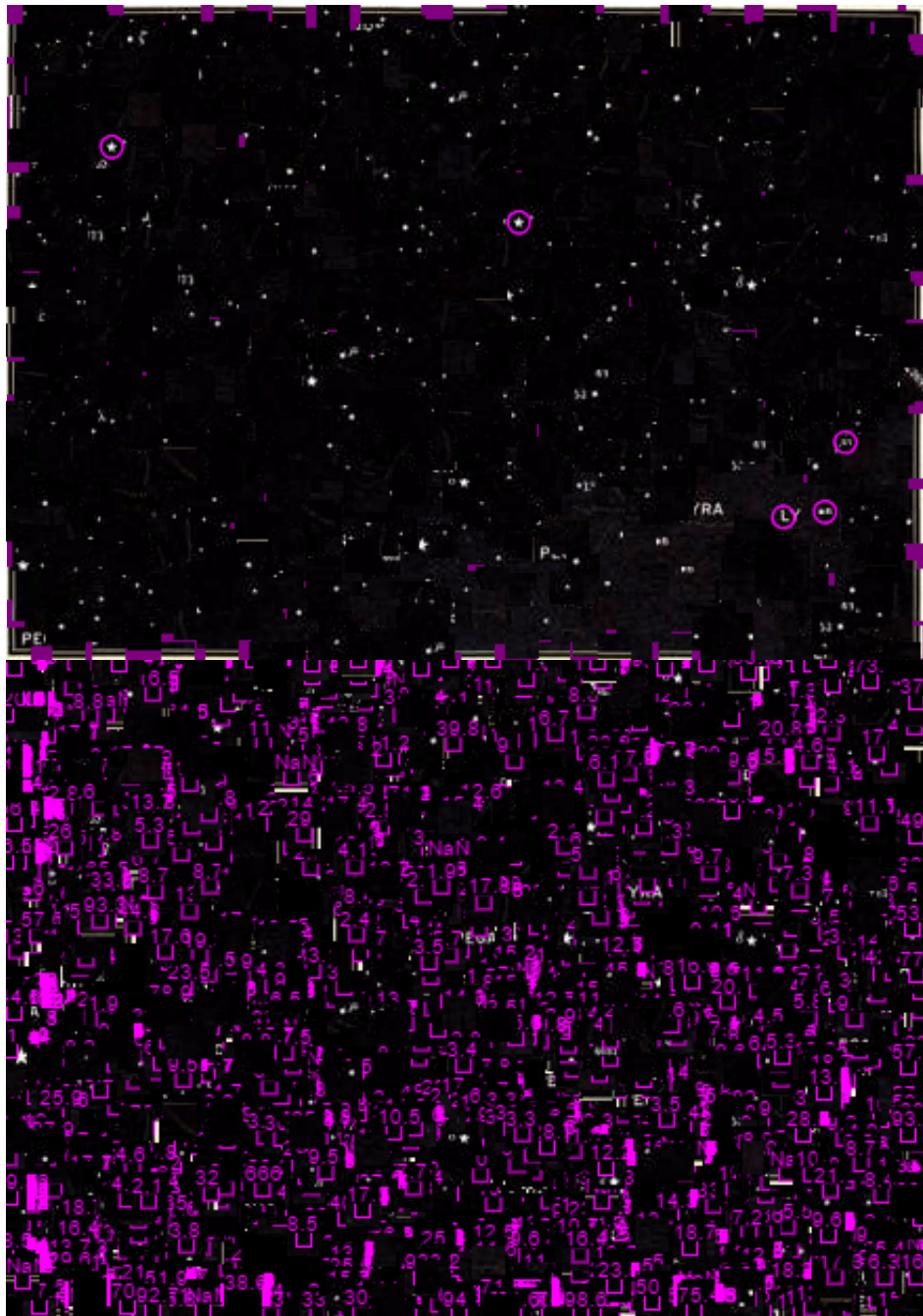
01 M5
apparent magnitude: 2.6
distance: 1215.8 ly

02 G5/8V
apparent magnitude: -1.5
distance: 1861.6 ly

03 A3
apparent magnitude: 0.99
distance: 60.5 ly

04 M4e
apparent magnitude: 5.52
distance: 1967 ly

05 M
apparent magnitude: -0.07
distance: 788.5 ly





00 the floor
apparent magnitude: Infinity
distance: beneath my feet (0mm)

01 B8V
apparent magnitude: 1.13
distance: 1306 ly

02 undefined
apparent magnitude: -1.54
distance: 1923.5 ly

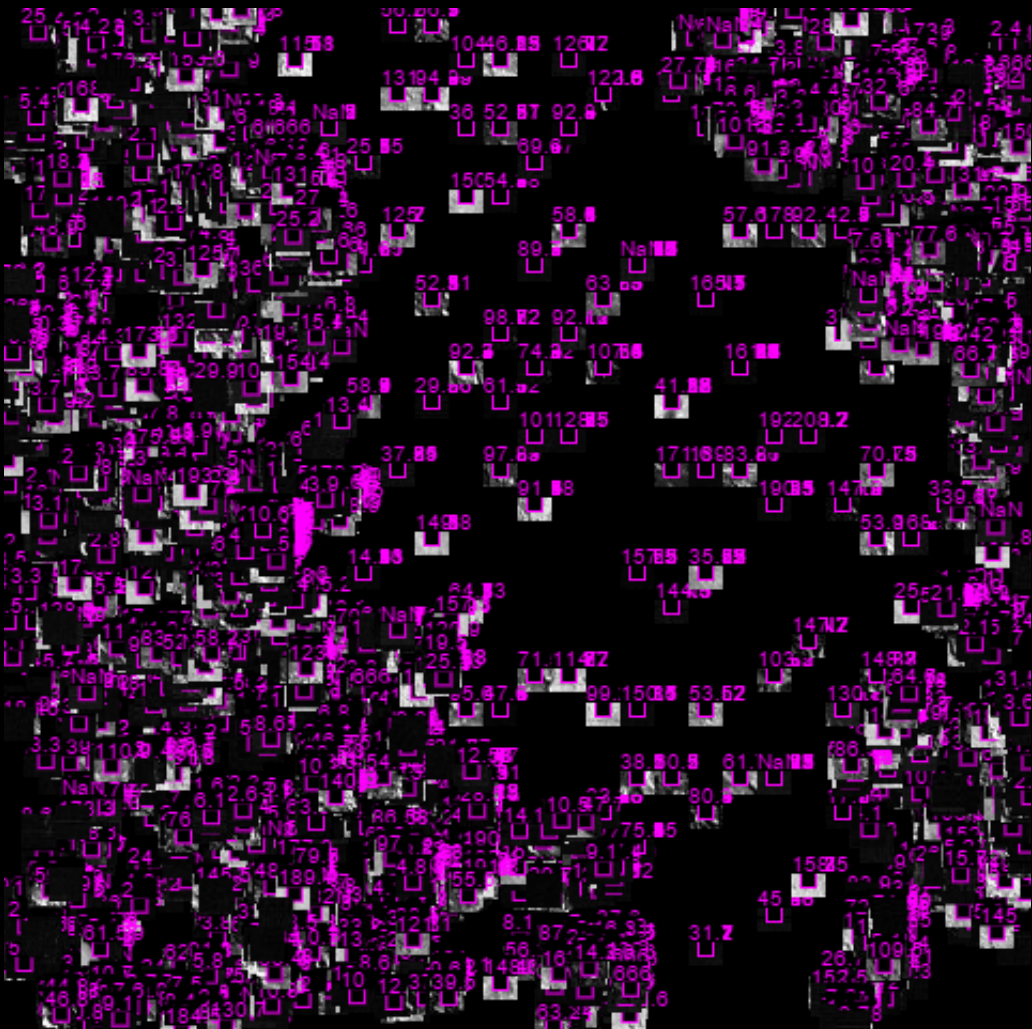
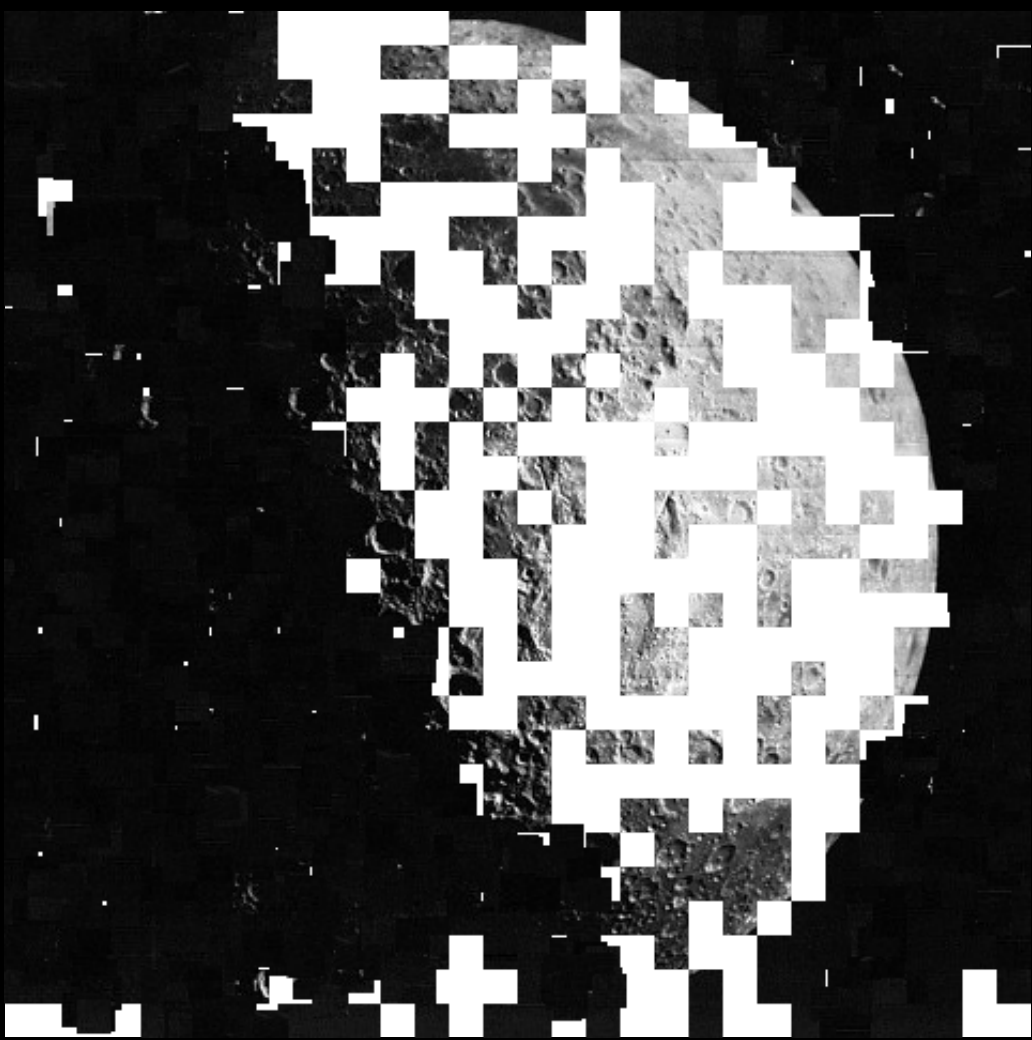
03 M4e
apparent magnitude: -0.74
distance: 1846.1 ly

04 M6e
apparent magnitude: 1.24
distance: 1400.5 ly

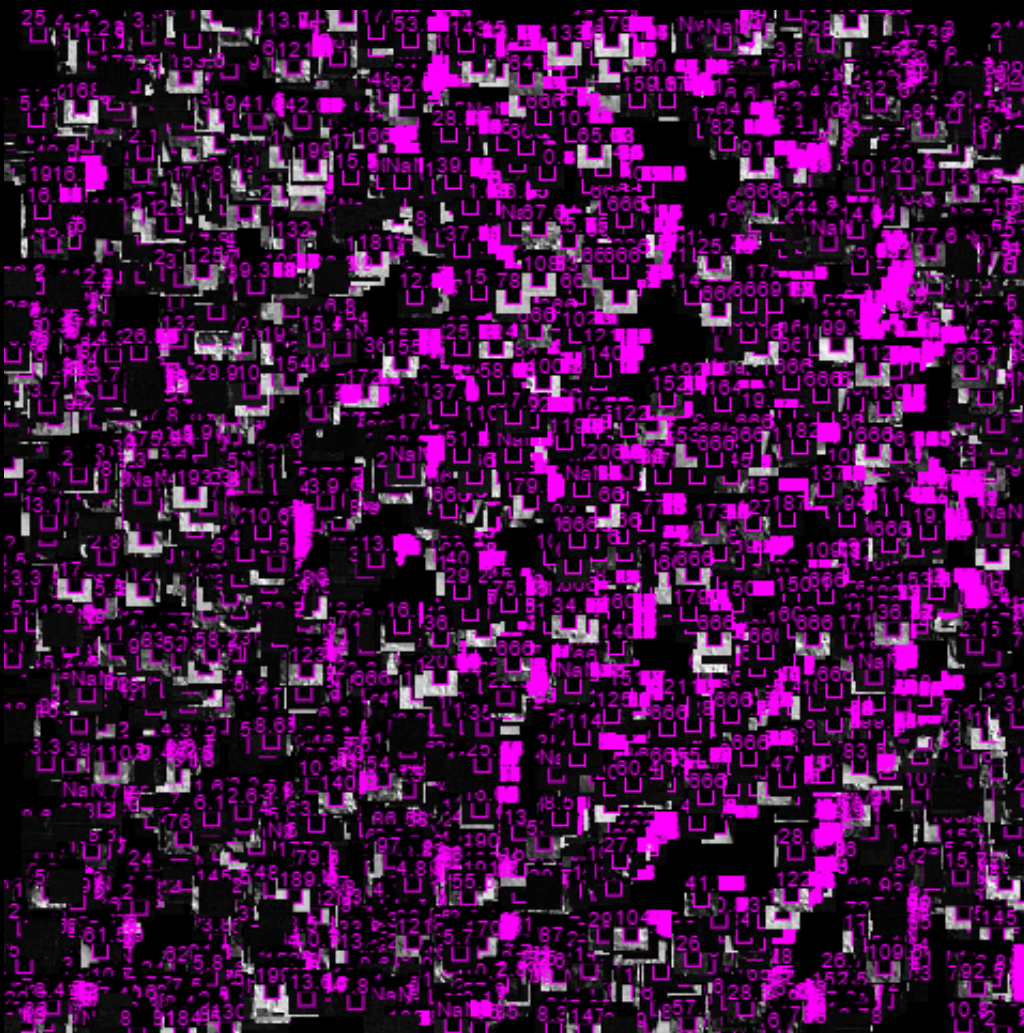
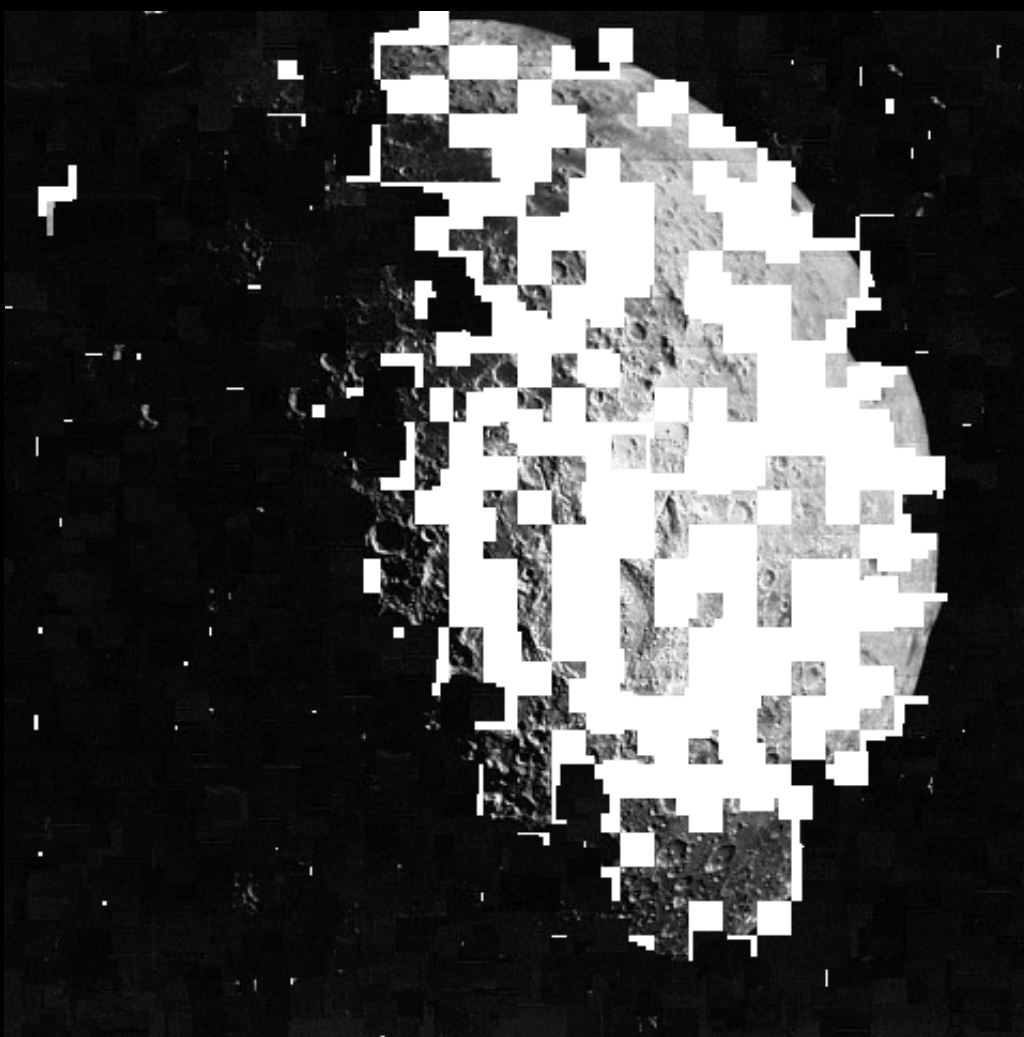
II

forgetting the moon

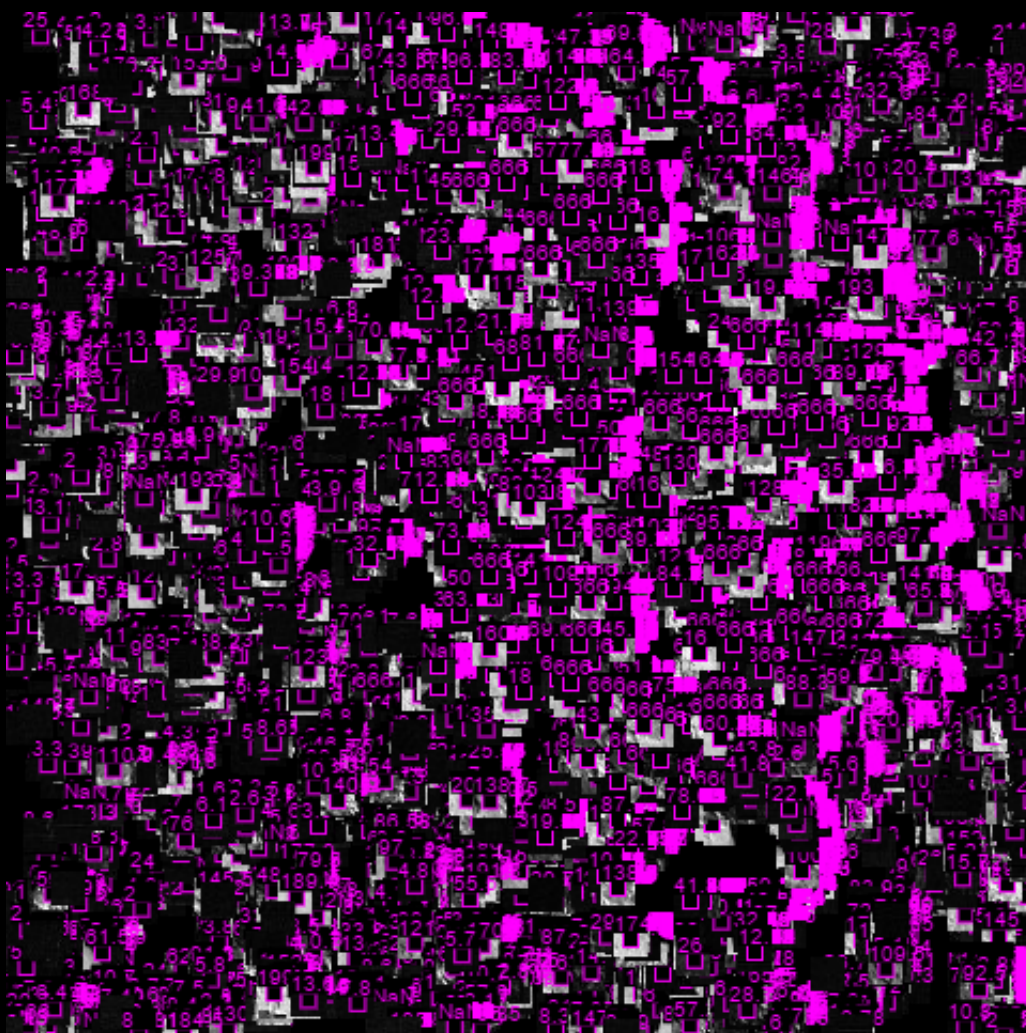
Soon the central area, the apparent court of entry, is left barren as no more flowers emerge. Numerous scars remain on this portion as reminders of the flowers produced in the past. Soon the infection ramifies into nearby branches of the host; the floriferous areas eventually become separated, but now progress only acropetally [upward toward the apex]. We can speak of a reproductive zone, therefore, maintaining a certain distance from the shoot apices of the host.



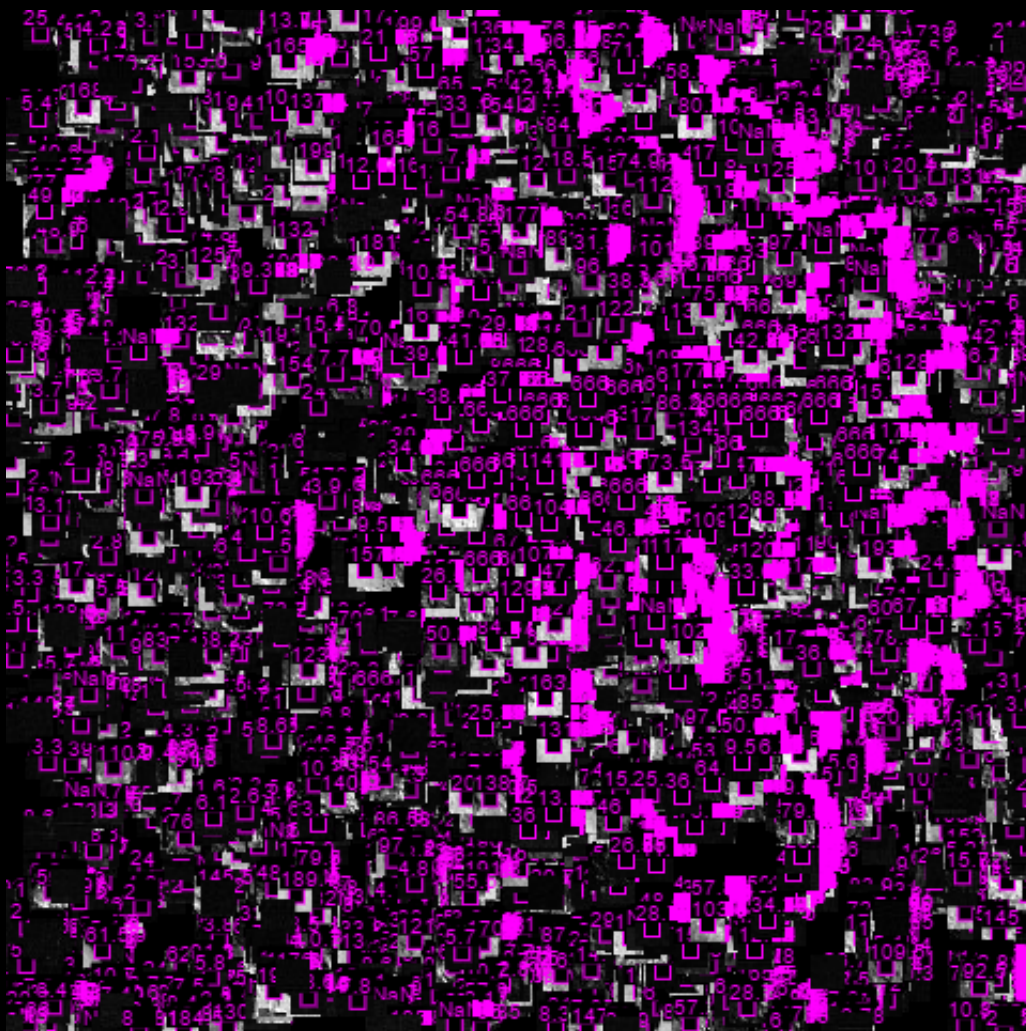
999 solvers
tolerance 6



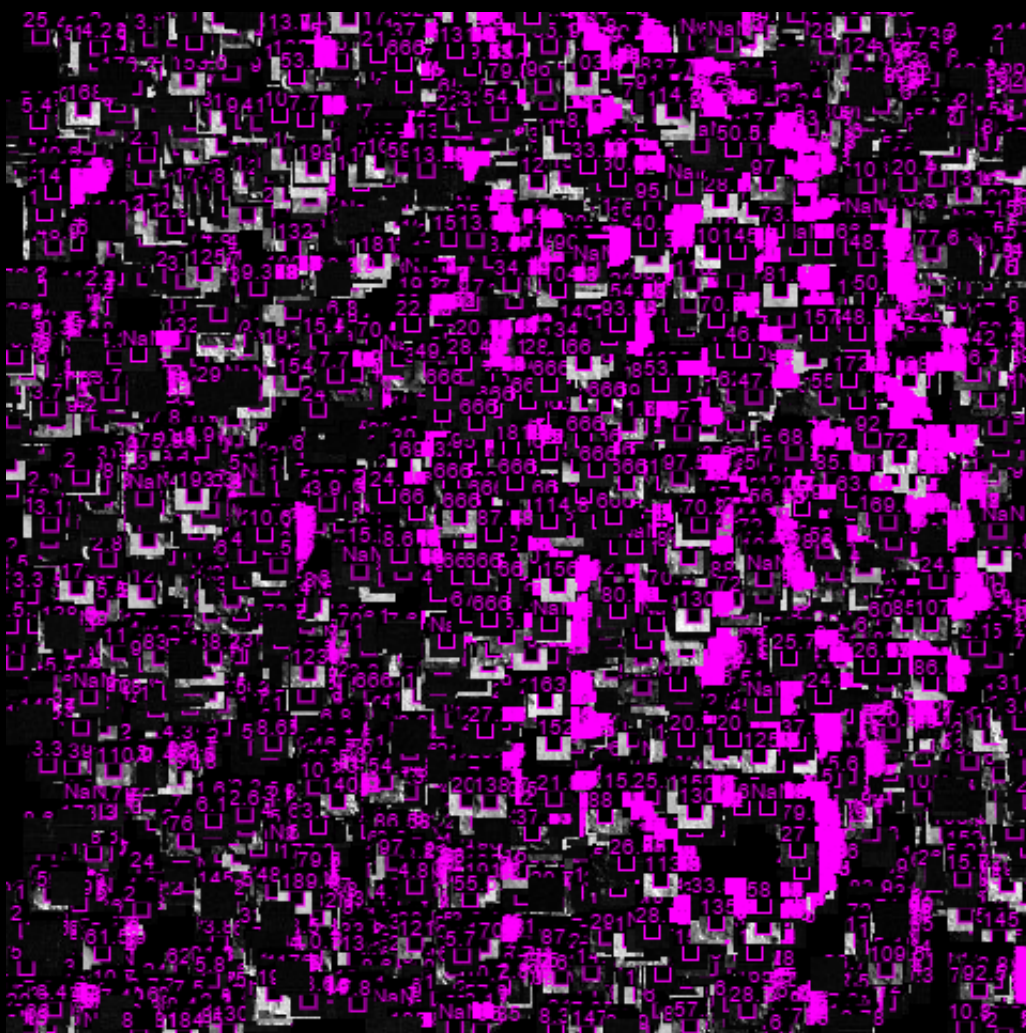
137 solvers
tolerance 6



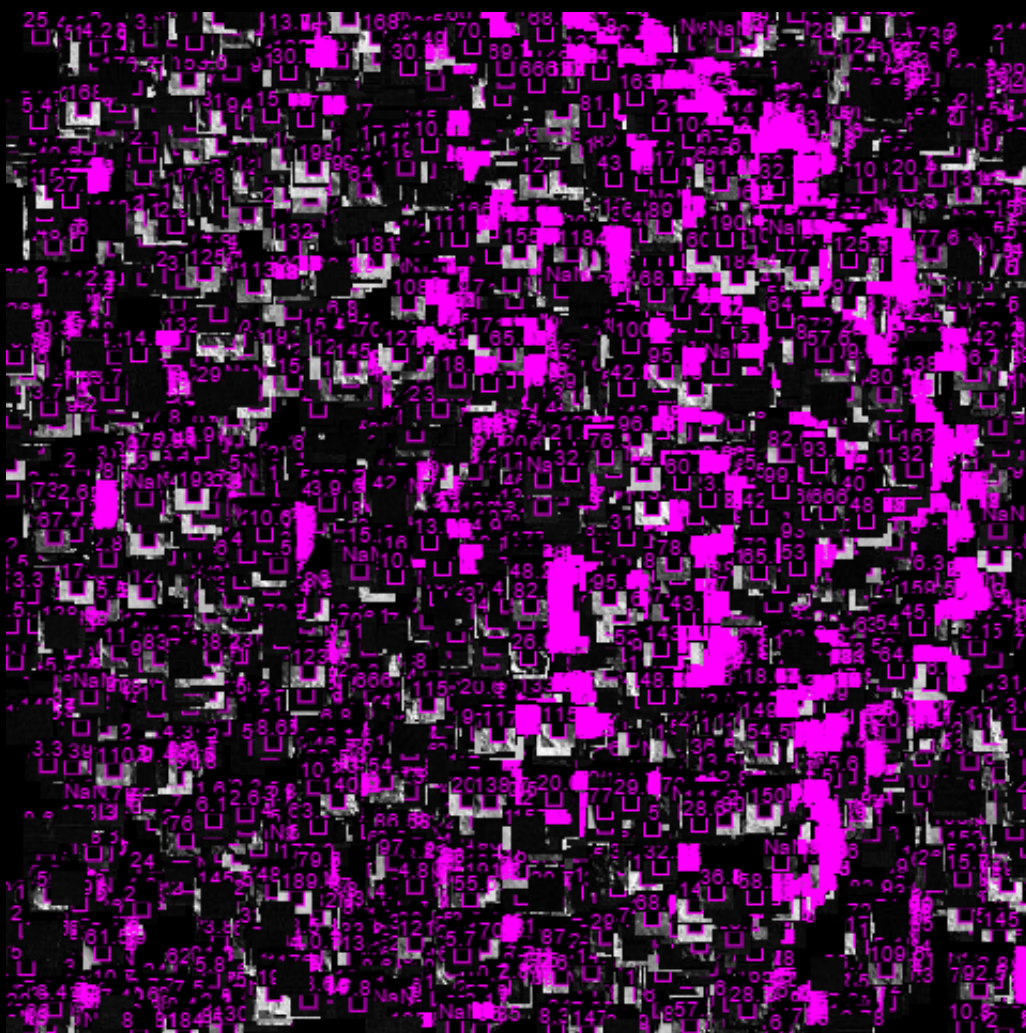
204 solvers
tolerance 6



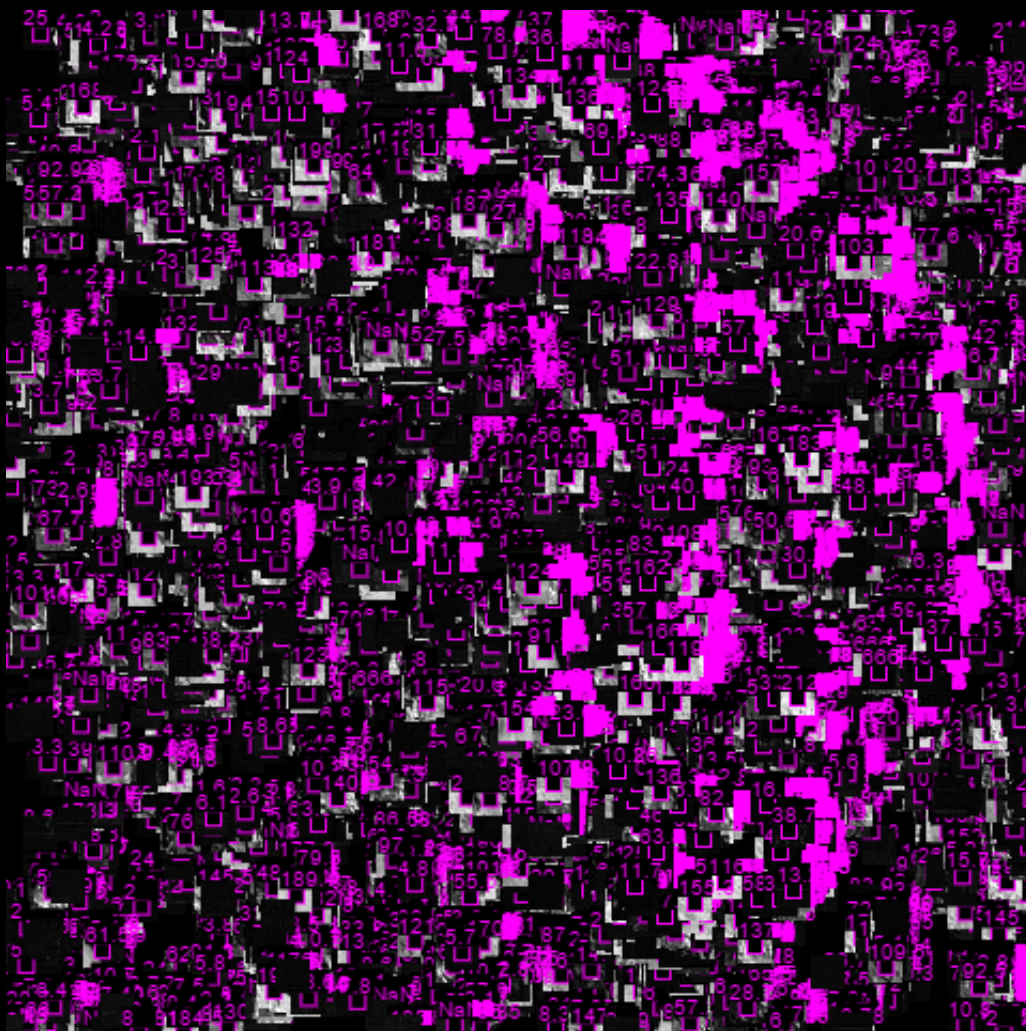
312 solvers
tolerance 6



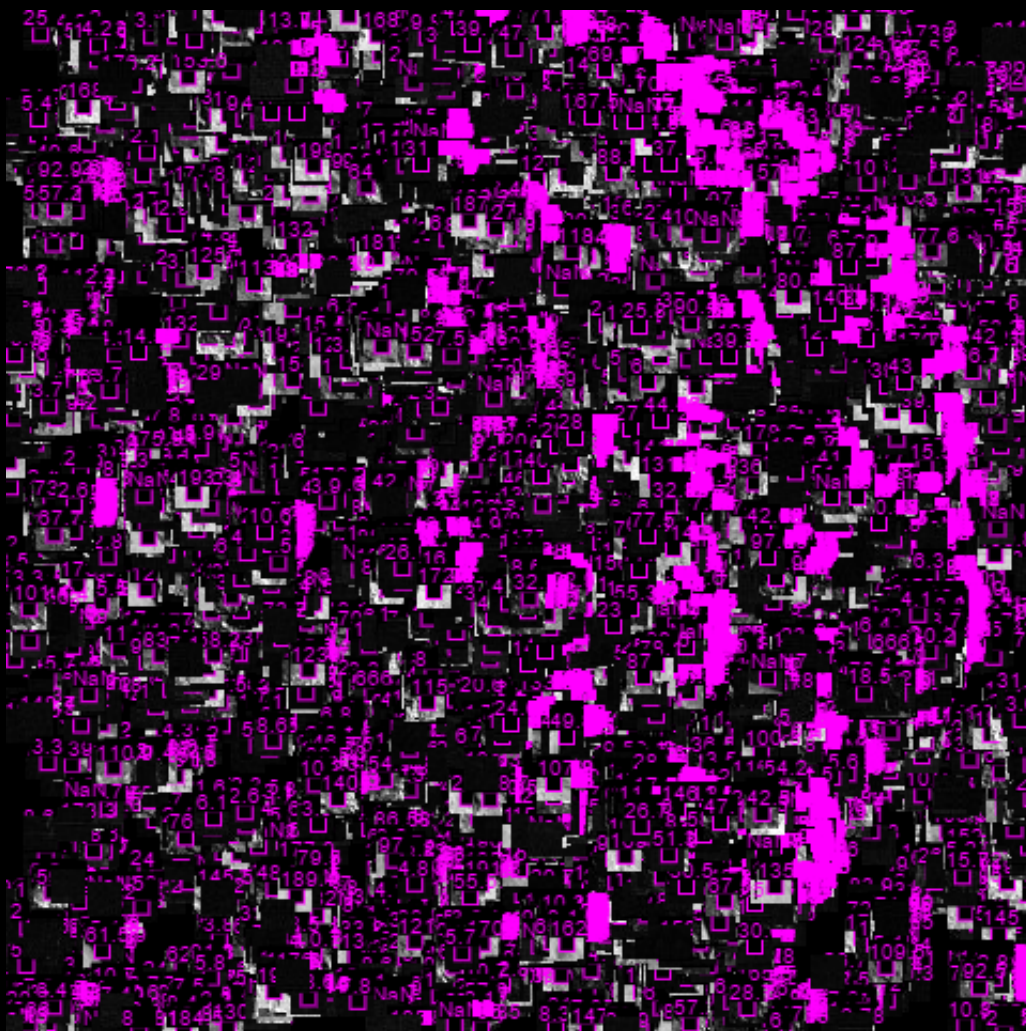
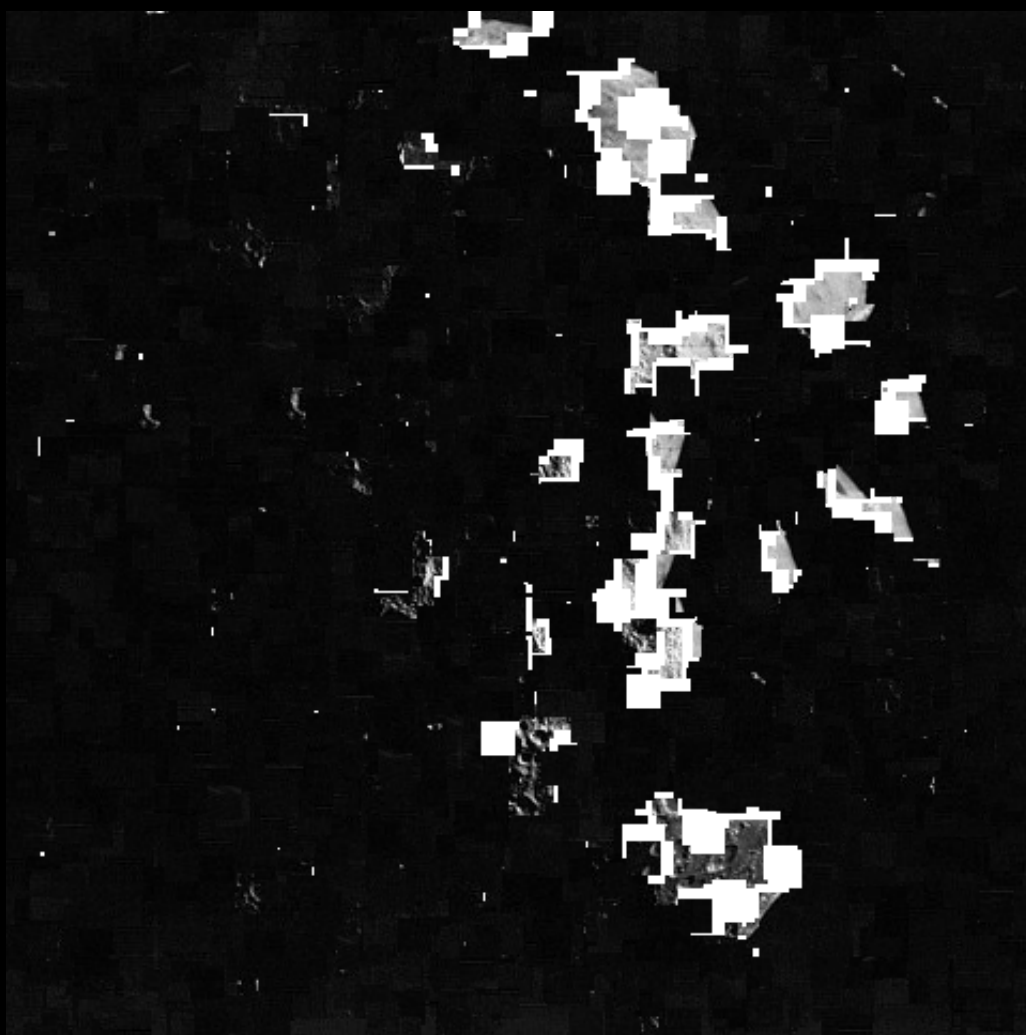
251 solvers
tolerance 6



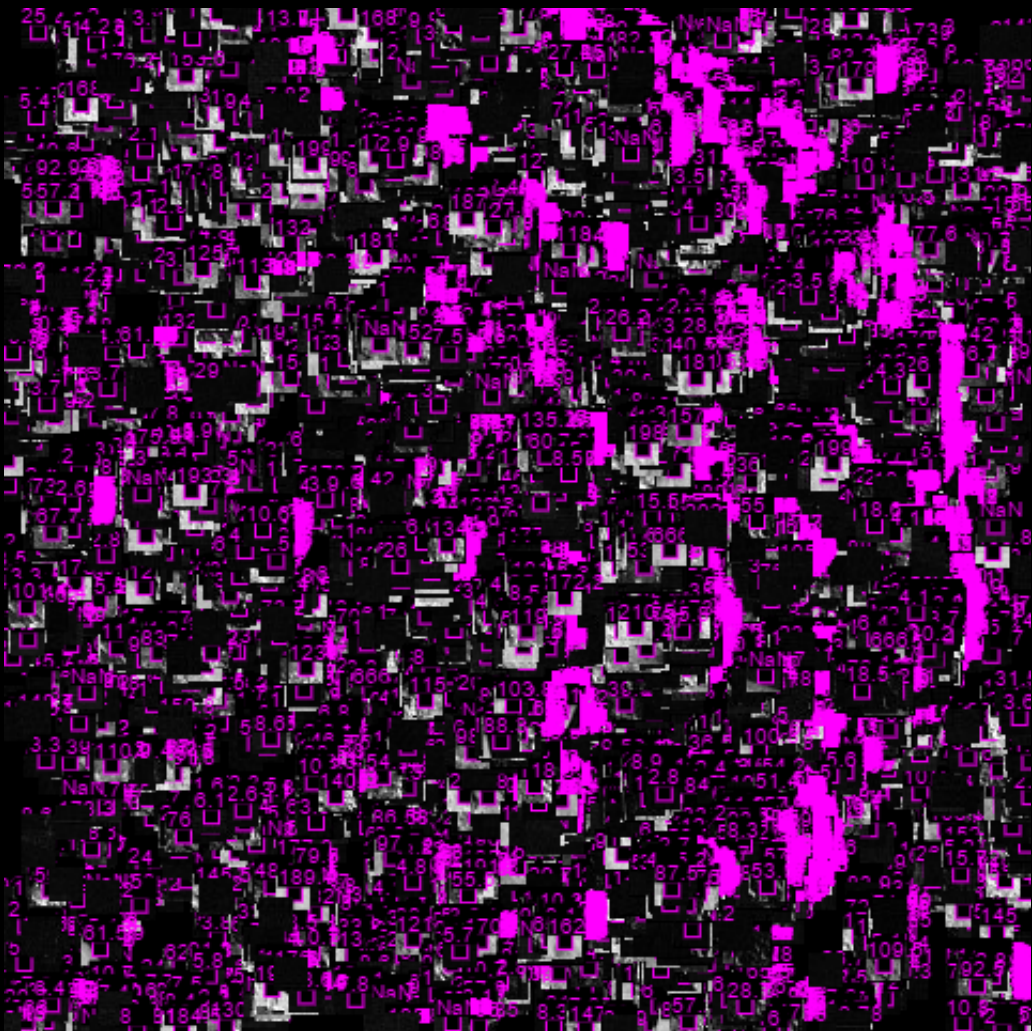
132 solvers
tolerance 6



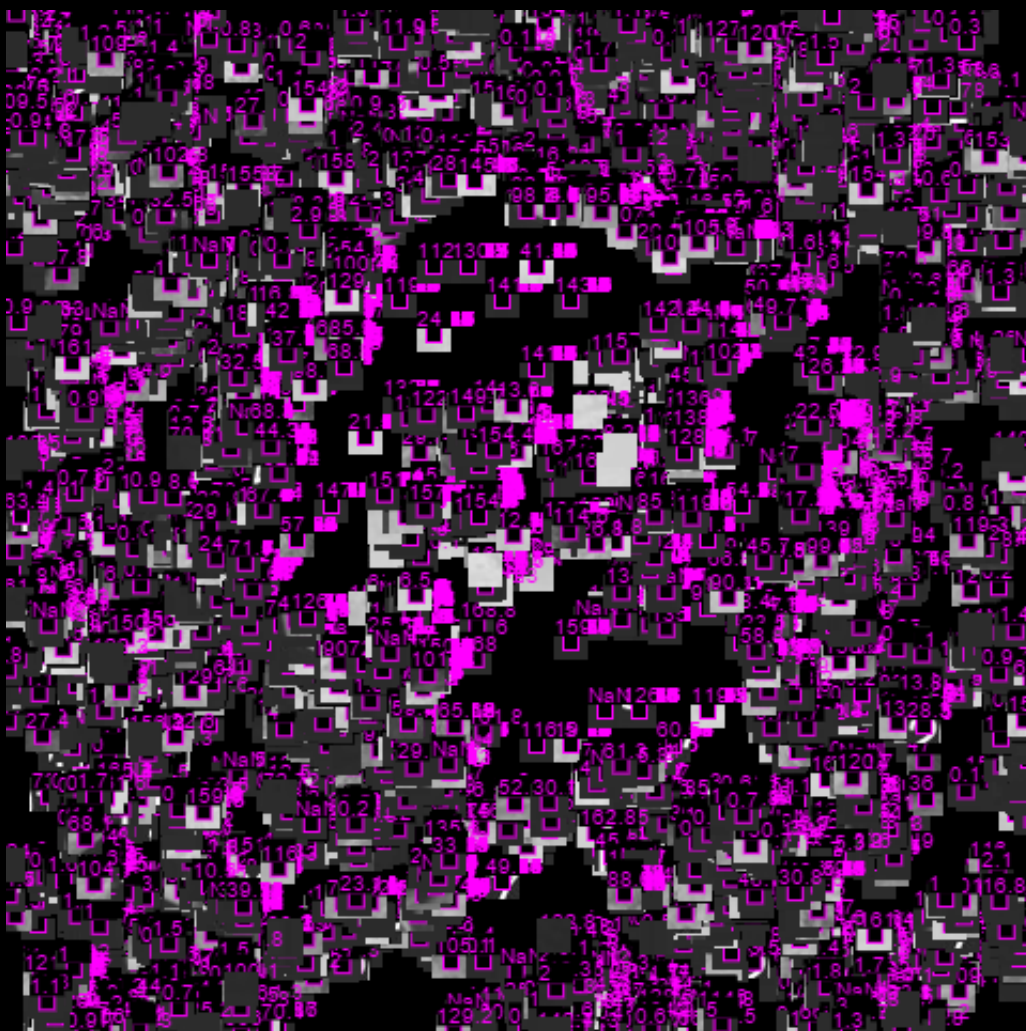
145 solvers
tolerance 6



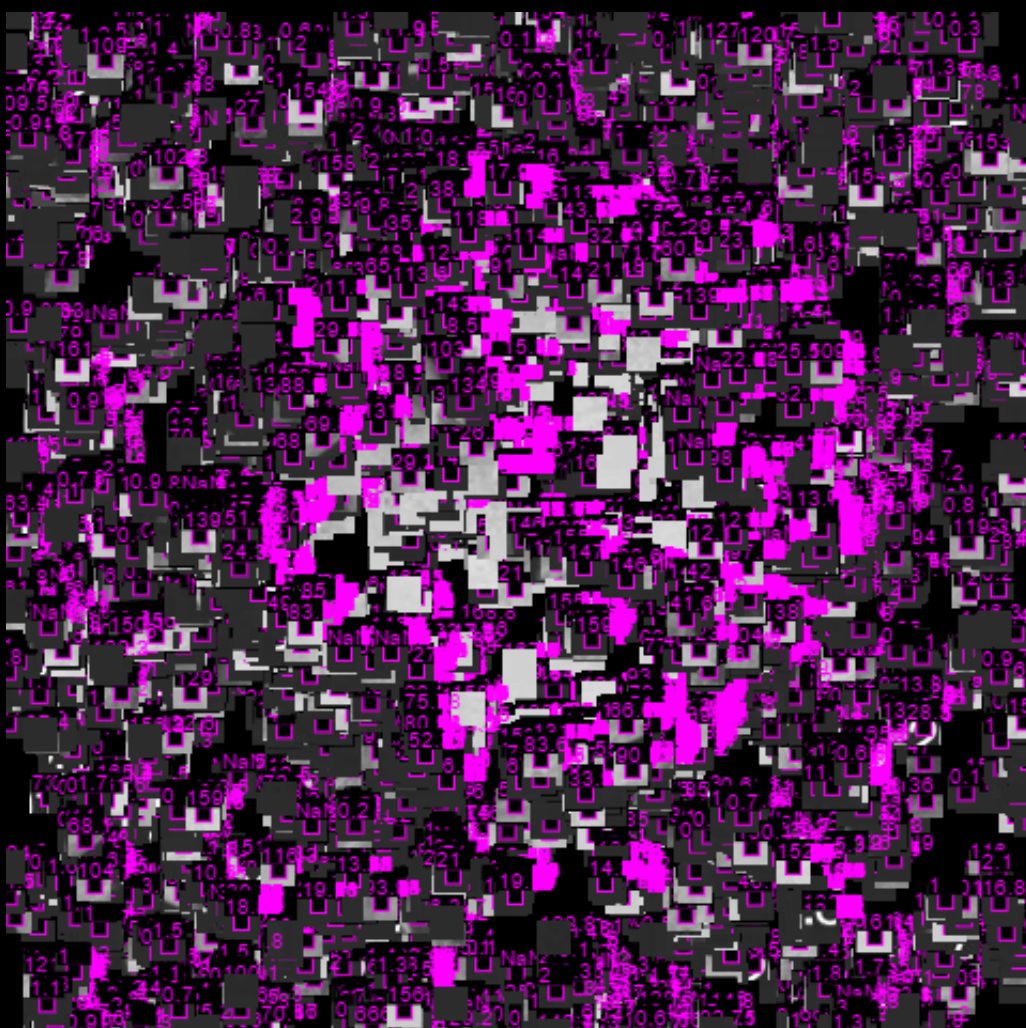
137 solvers
tolerance 6



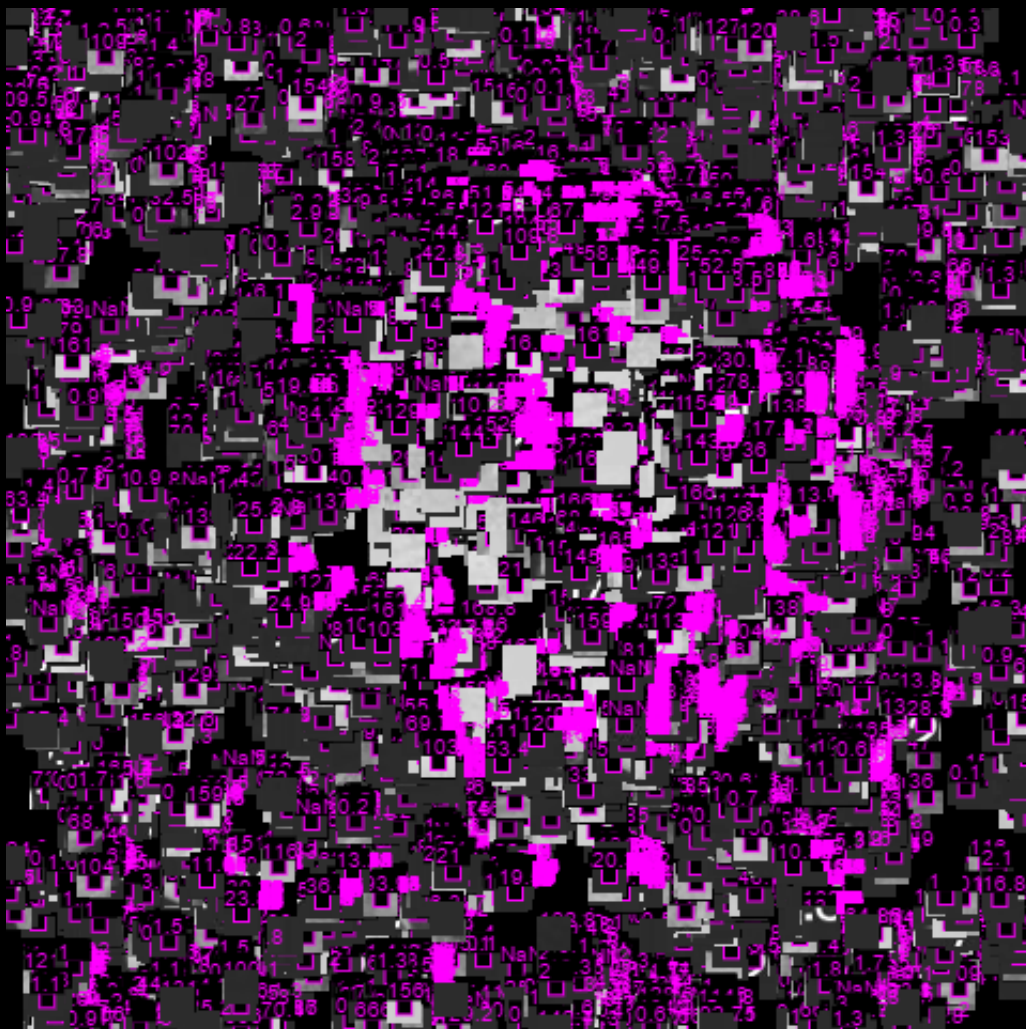
1634 solvers
tolerance 6



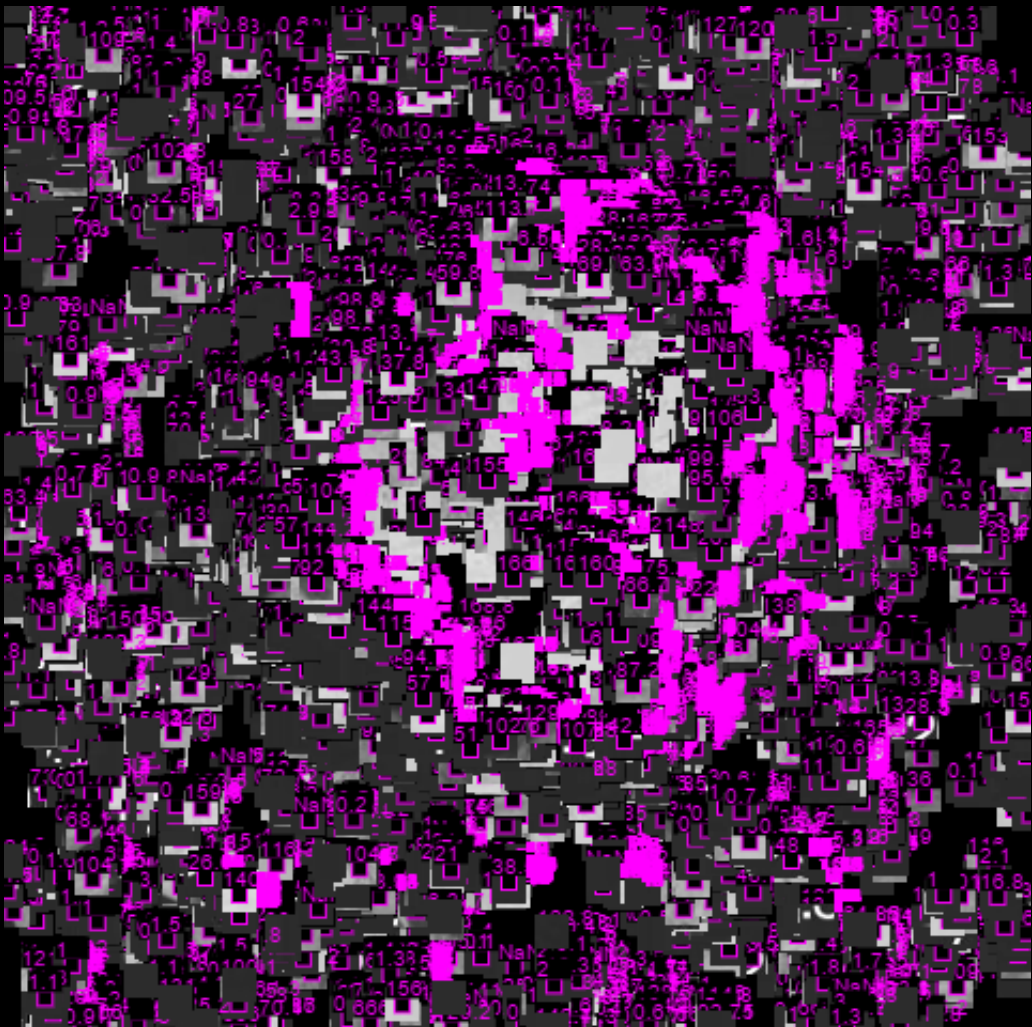
333 solvers
tolerance 6



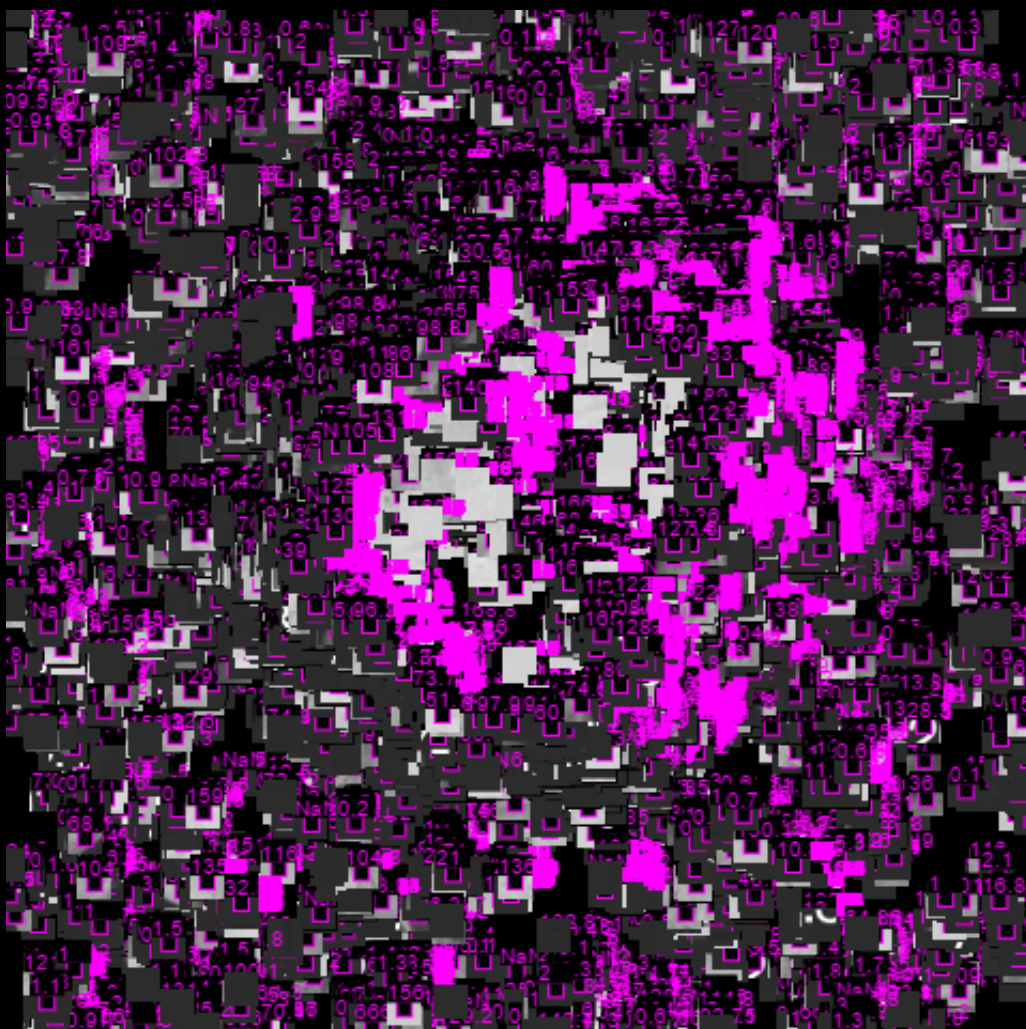
255 solvers
tolerance 6



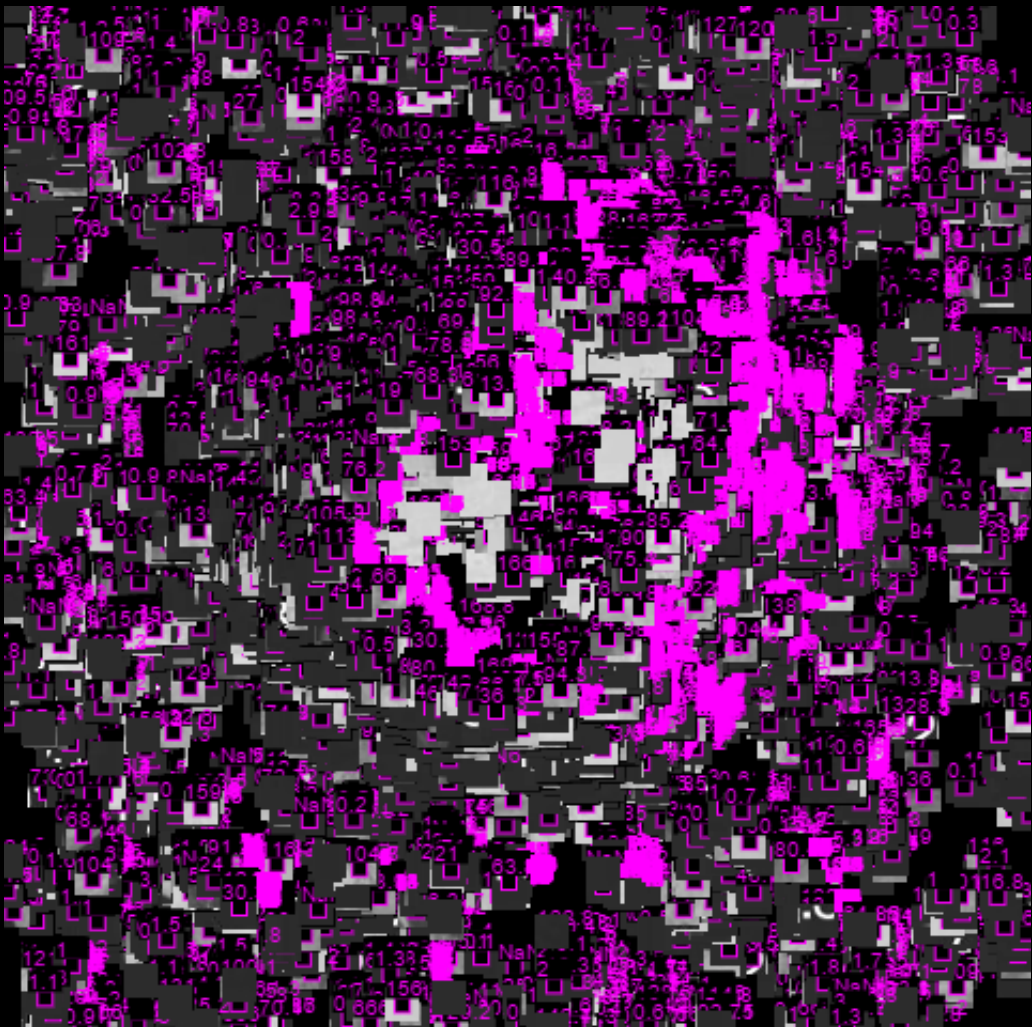
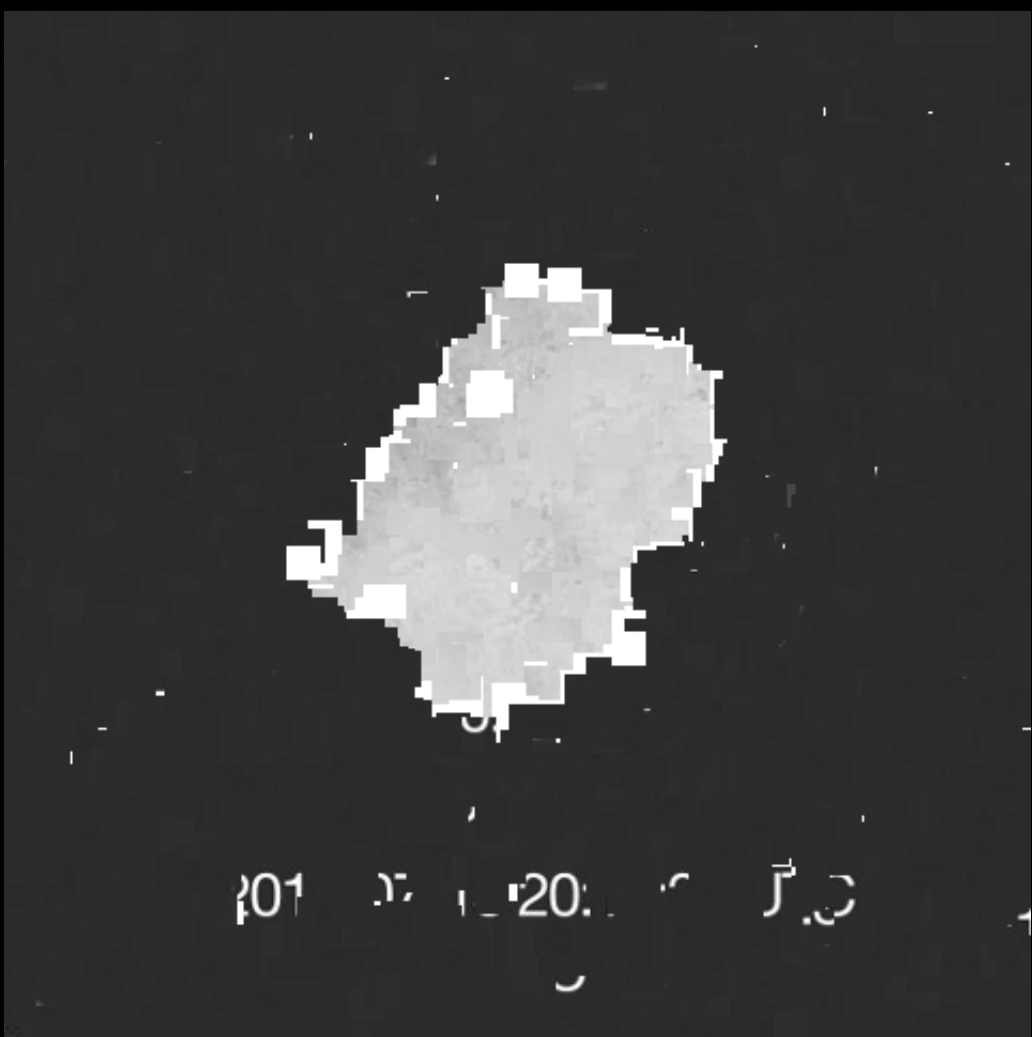
132 solvers
tolerance 6



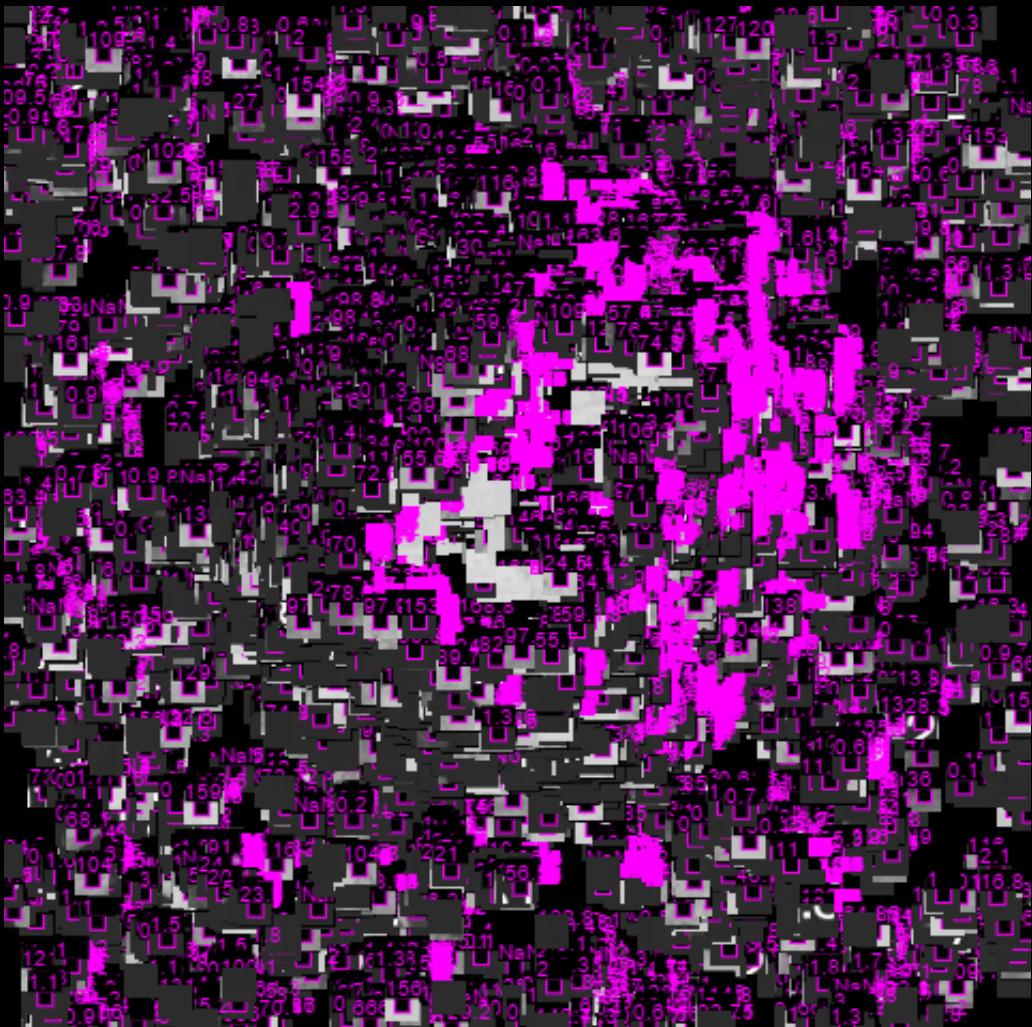
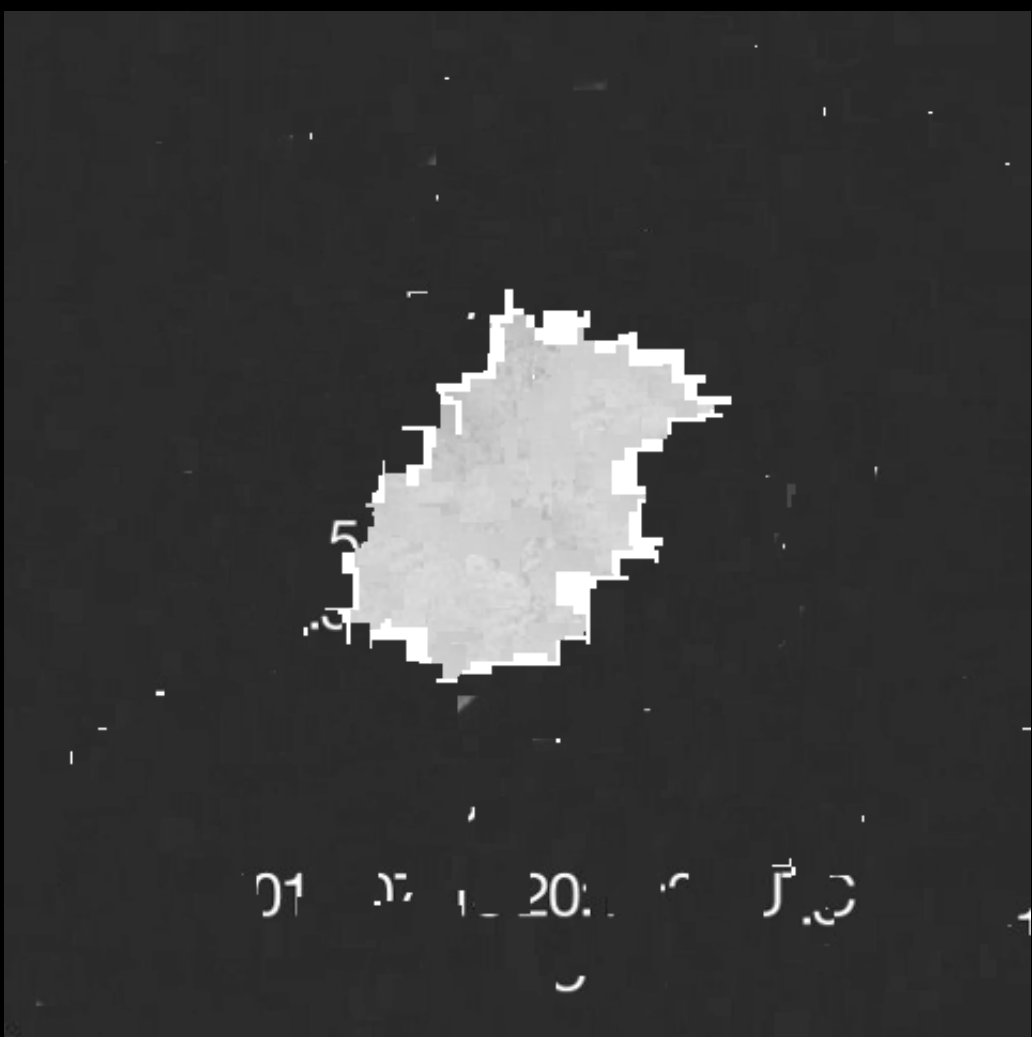
131 solvers
tolerance 6



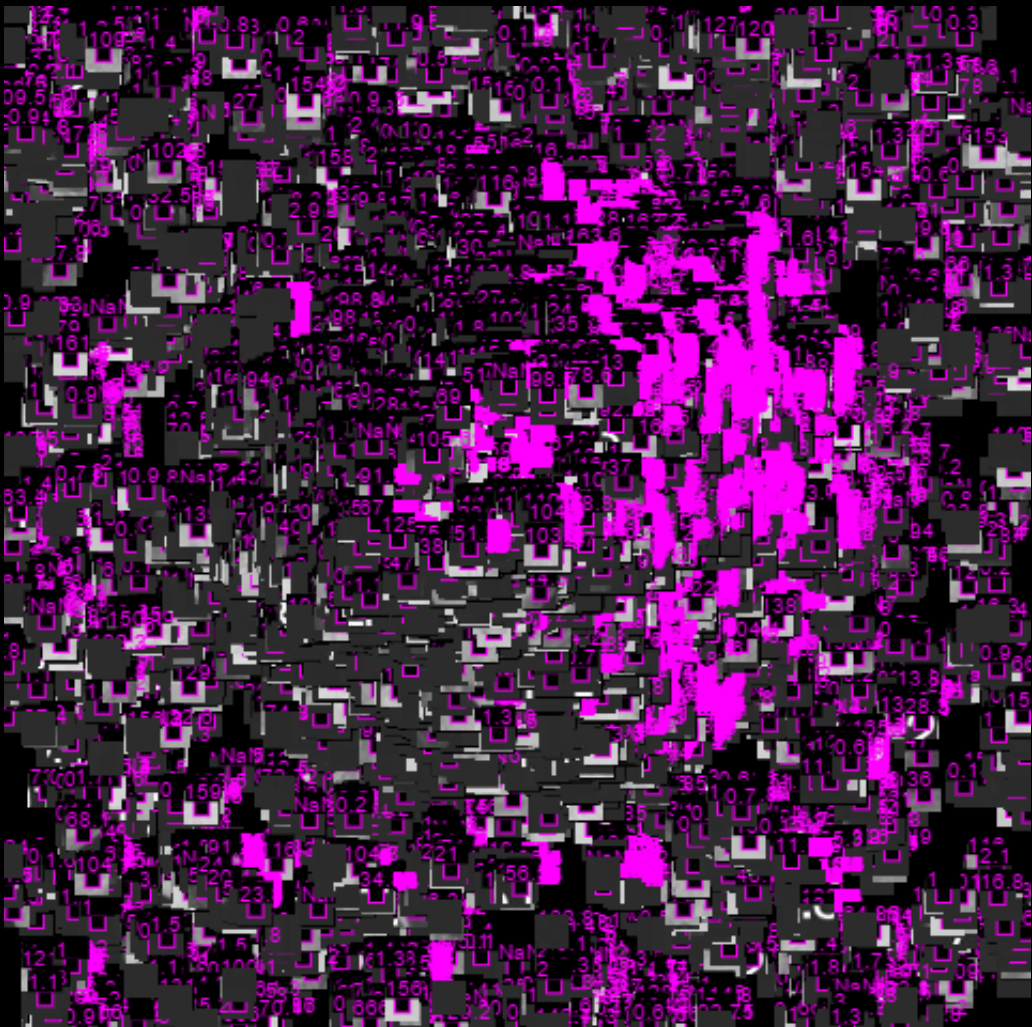
130 solvers
tolerance 6



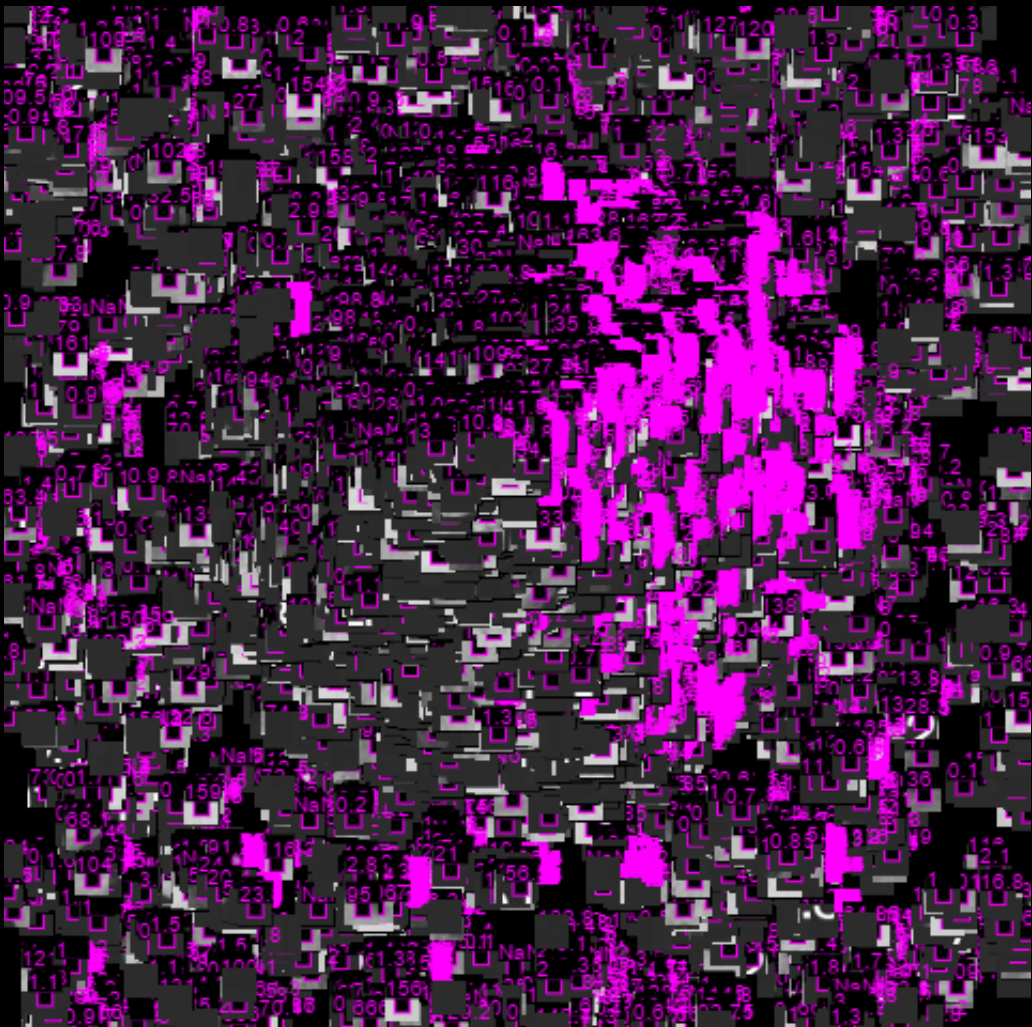
134 solvers
tolerance 6



153 solvers
tolerance 6



152 solvers
tolerance 6



0 solvers
tolerance 6

III

how to build a spacecraft

the spacecraft has to guard against extreme temperatures, hard radiation from the sun, and tiny meteorites, yet it must have the flexibility to allow one to function as they would in their natural Earth environment.

deep fields of dust into which a spacecraft might sink; a labyrinth of "fairy castles"

i.

how to climb a set of stairs

00	i climb a step	01
01	i climb a step	02
02	i climb a step	03
03	i descend a step	02
04	i descend a step	01
05	i descend a step	00
06	i climb a step	01
07	i descend a step	00
08	i climb a step	01
09	i climb a step	02
10	i climb a step	03
11	i descend a step	02
12	i climb a step	03
13	i climb a step	04
14	i climb a step	05
15	i have reached the top	05

step

ii.

how to cook a meal

```
00 x xxxxxxx xx xxxxxxxxxxxxxx01 x 00
xxxxxx xx xxxxxxxxxxxxxx02 x xxxxx 00
xxx xxxxxxxxxxxxxx03 x xxxxxx xxx 00
xxxxxxxxxxxx04 x xxxxx xxx 00
xxxxxxxxxxxx05 x xxx_xx xx 00
xxxxxxxxxxxx06 x xxx_xx xx 00
xxxxxxxxxx07 x xxxxxx xx 00
xxxxxxxxxxxx08 x xxxx_xx xxx 00
xxxxxxxxxx09 x xxx xxx xxxxxxxx 00
xx xxx xxxxxxxxxxxxxx10 x xxxx_xx 00
xxx xxxxxxxxxxxxxx11 x xxxxxx xxx 00
xxxxxxxxxxxx12 x xxxx_xxx xxx 00
xxxxxxxxxxx13 x xxxxx xxx 00
xxxxxxxxxxxx14 x xxxx_xx xxx 00
xxxxxxxxxxx15 x xxxxxx xx 00
xxxxxxxxxxx16 x xxx_xx xx 00
xxxxxxxxxxx17 x xxxxxx xx 00
xxxxxxxxxxx18 x xxx xxx xxxxxx xx 00
xxx xxxxxxxxxxxxxx19 x xxxxxx xx 00
xxxxxxxxxxx20 x xxxx_xxx xxx 00
xxxxxxxxxxx 00
```

iii.

how to bathe oneself

00	i remove my pants	00
01	i remove my right sock	00
02	i turn_on the faucet	00
03	i turn_off the faucet	01
04	i remove my left sock	01
05	i put_on my left sock	01
06	i turn_on the faucet	01
07	i lie_in the bathtub	02
08	i remove my shirt	03
09	i get_out_of the bathtub	04
09	the water overflows the tub	05
10	i put_on my right sock	05
11	i remove my left sock	06
12	i remove my right sock	07
13	i turn_off the faucet	08
14	i lie_in the bathtub	08
15	i turn_on the faucet	08
16	i put_on my left sock	09
17	i put_on my right sock	10
18	i get_out_of the bathtub	11
19	i turn_off the faucet	12
20	i put_on my shirt	12

iv.

how to dig a hole in the ground

00	i get_in the hole	00
01	i get_out_of the hole	00
02	i get_in the hole	00
03	i dig_in the hole	01
04	i get_out_of the hole	01
05	i get_in the hole	01
06	i get_out_of the hole	01
07	i get_in the hole	01
08	i dig_in the hole	02
09	i dig_in the hole	03
10	i dig_in the hole	04
11	i dig_in the hole	05
11	the hole is too deep to exit	06 07
13	i dig_in the hole	08
14	i dig_in the hole	09
15	i dig_in the hole	10
16	i dig_in the hole	11
17	i dig_in the hole	12
18	i dig_in the hole	13
19	i dig_in the hole	14
20	i dig_in the hole	

notes

charts of unknown stars:

this uses a set of star charts from a public domain astronomy book as source material. it slices them up into small pieces and then recombines them, attempting to match edges and enforce local order but with no sense for what any of the component pieces mean. the resulting new star chart is full of discontinuities. an algorithm then attempts to find "stars" within this image. sometimes the stars discovered are actual stars; other times they are floating pieces of text.

forgetting the moon:

this uses a different version of the same image recombining in a process which mimics human memory. it uses photos of planetary bodies as source material. the algorithm starts with an imperfect version of a photograph, and then attempts to fill in the imperfections in its memory by recombining the image. over time this results in incompatibilities between different remembered versions of the image. the disc collapses over time, eventually stabilizing as a noisy uniform field.

how to build a spacecraft:

the program takes a set of objects and runs through various possible interactions between them. i'm interested in using this sort of painstaking combinatorial process to examine the substance of everyday life and the nature of being alive and in a body. in the future, i'm interested in doing a series of short films in the same vein as this material.