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(* Appendix 3:
 99 Tuple Images From 8-tuples of Random Numbers Between -1 and +1 *)
(* Copyright May 4, 2006 Doug Youvan www.youvan.com and www.pseudocolor.com *)

For[loop = 1, loop < 100, loop++,

  bckrow = .;
  bckcol = .;
  sum = .;
  gsum = .;
  canvas = 562;

  bckrow = Table[{x, y}, {x, 1, canvas}, {y, 1, canvas}];
  bckcol = Table[{x, y}, {x, 1, canvas}, {y, 1, canvas}];

  bckrow[[All, All]] = {0.0, 0.0, 0.0};
  bckcol[[All, All]] = {0.0, 0.0, 0.0};

  (* all random numbers between a and b *)
  low = -1; high = 1;
  a = Random[Real, {low, high}, 4];
  b = Random[Real, {low, high}, 4];
  c = Random[Real, {low, high}, 4];
  d = Random[Real, {low, high}, 4];
  e = Random[Real, {low, high}, 4];
  f = Random[Real, {low, high}, 4];
  g = Random[Real, {low, high}, 4];
  h = Random[Real, {low, high}, 4];
  tup = Tuples[{a, b, c, d, e, f, g, h}, 3];

  Print[loop, " ", a, " ", b, " ",
    c, " ", d, " ", e, " ", f, " ", g, " ", h];

  For[j = 1, j ≤ 512, j++, bckcol[[All, j]] = tup[[j]]];
  For[i = 1, i ≤ 512, i++, bckrow[[i, All]] = tup[[i]]];

  sum = bckrow + bckcol;

  (* zeros all triplet values if any element is less than zero or greater than 1 *)

  For[i = 1, i ≤ canvas, i++, For[j = 1, j ≤ canvas, j++, For[c = 1, c ≤ 3, c++,
    If[(0 > sum[[i, j, c]]) || (sum[[i, j, c]] > 1), sum[[i, j, All]] = 0] ]]];

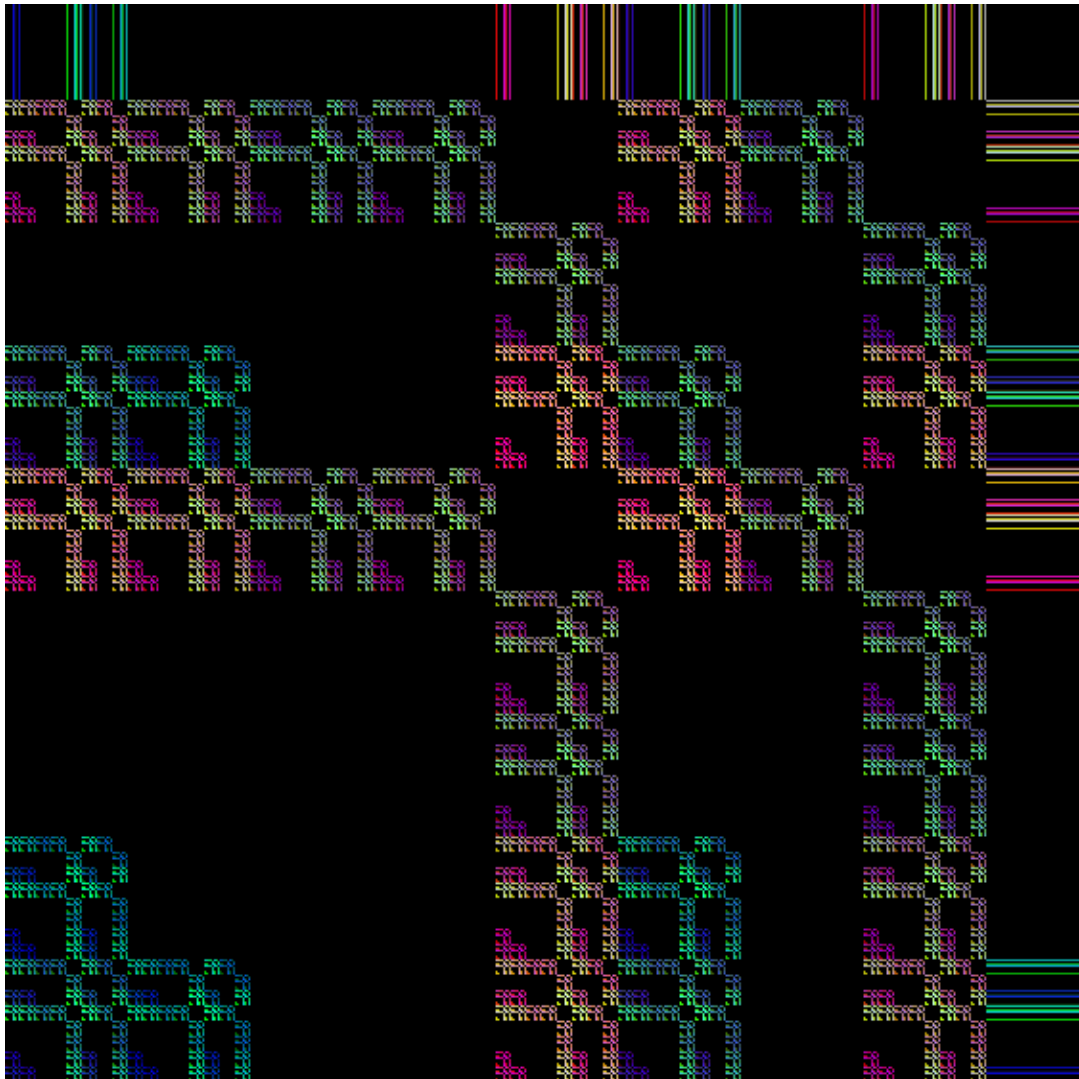
  gsum = Graphics[RasterArray[Apply[RGBColor, sum, {2}]],
    AspectRatio → error, ImageSize → {532, 532}];
  (* intentional error to get image size and aspect ratio
    correct in both the displayed and exported images *)

  Show[gsum];

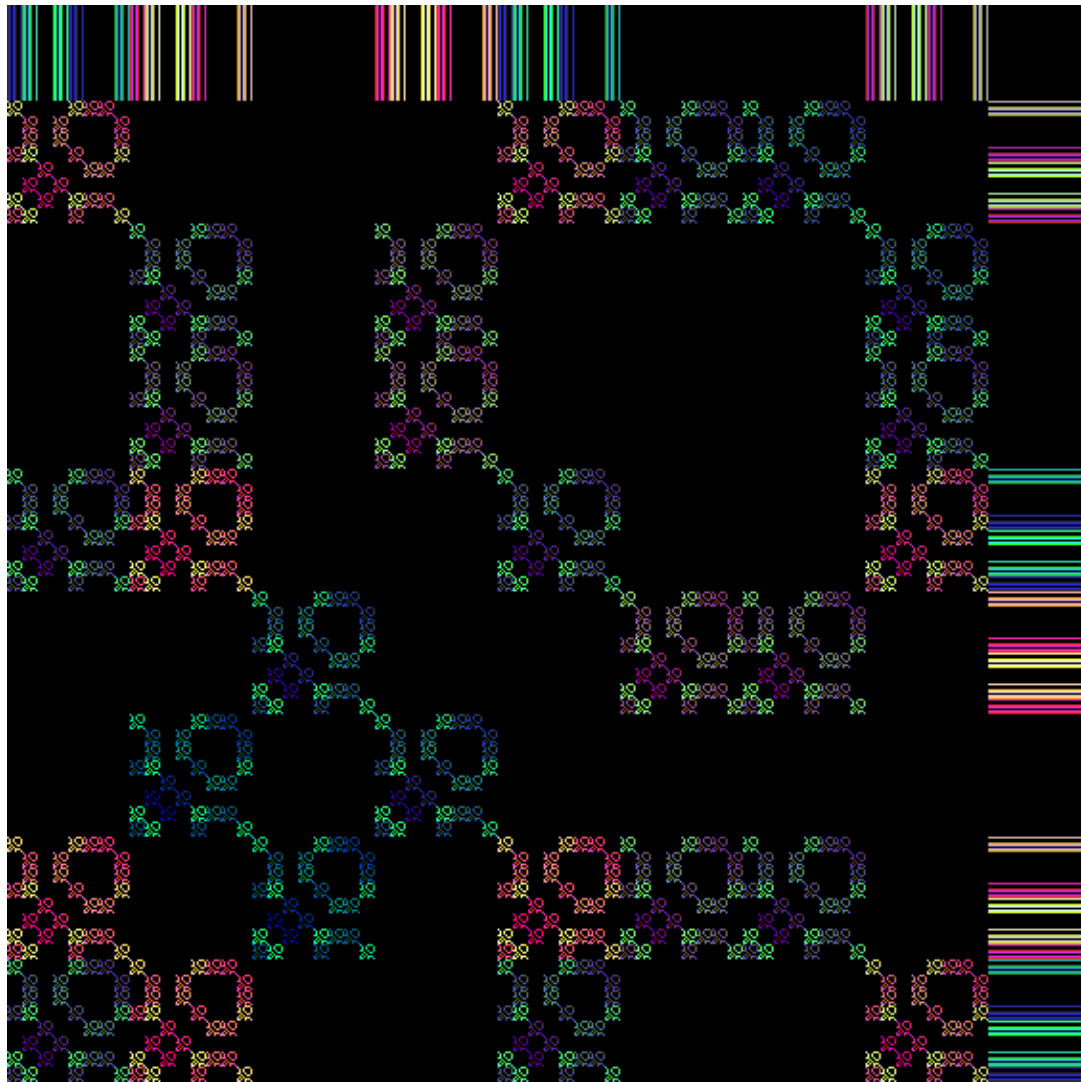
] (* end big loop *)

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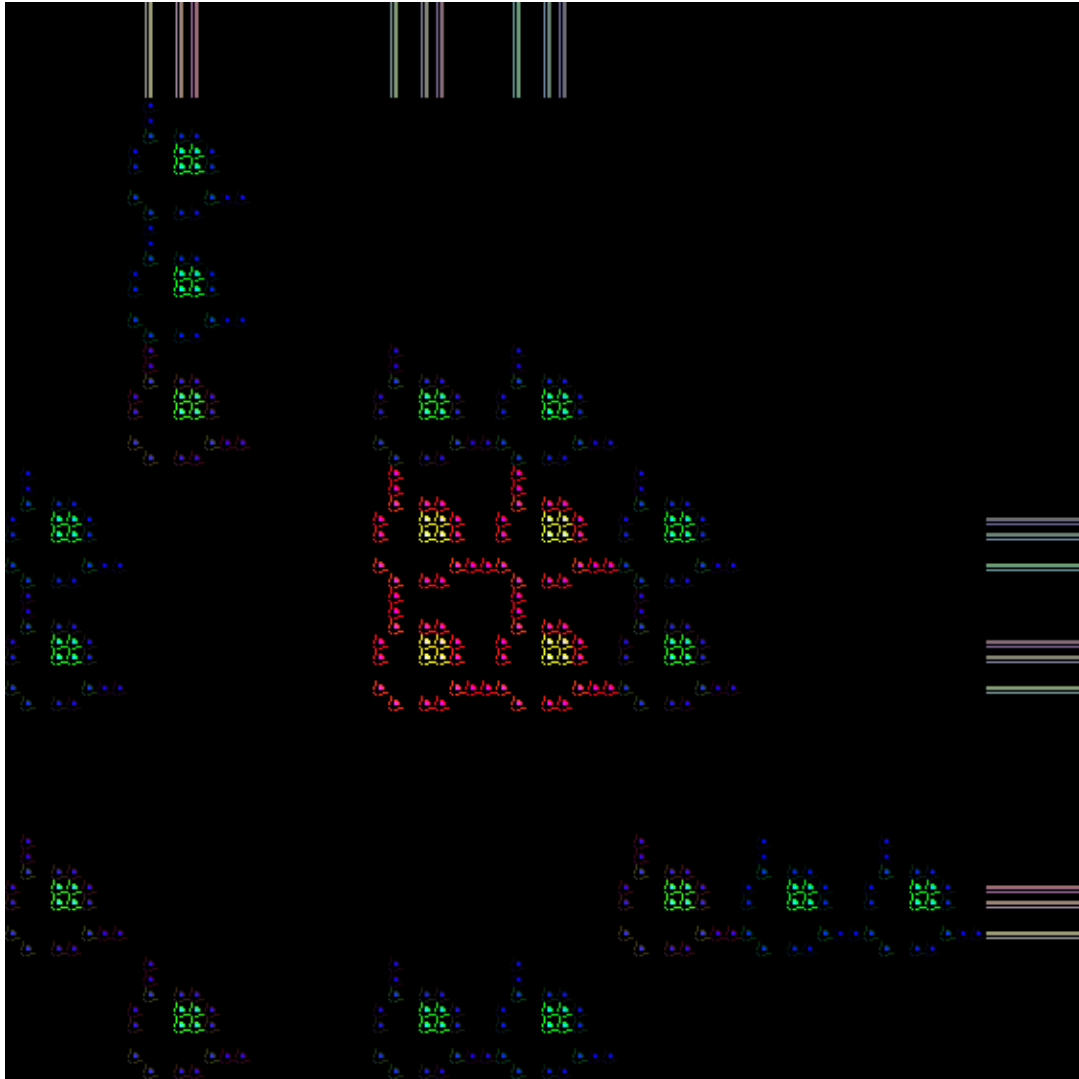
1 0.05164 -0.05283 -0.2895 -0.2012 0.7857 0.1732 -0.2792 0.6362



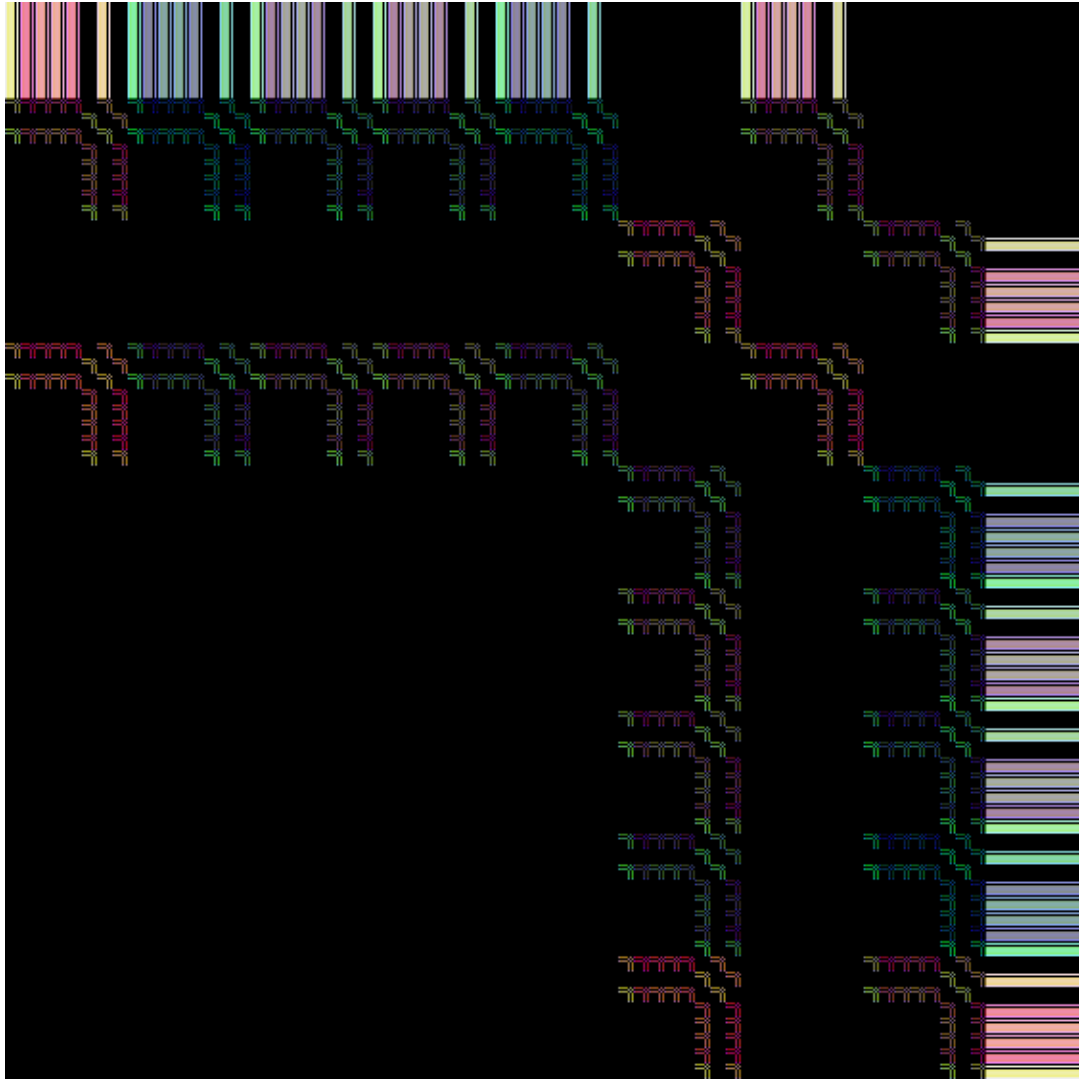
2 0.1690 0.8287 -0.7945 0.9536 0.1587 -0.3654 -0.4543 0.6829



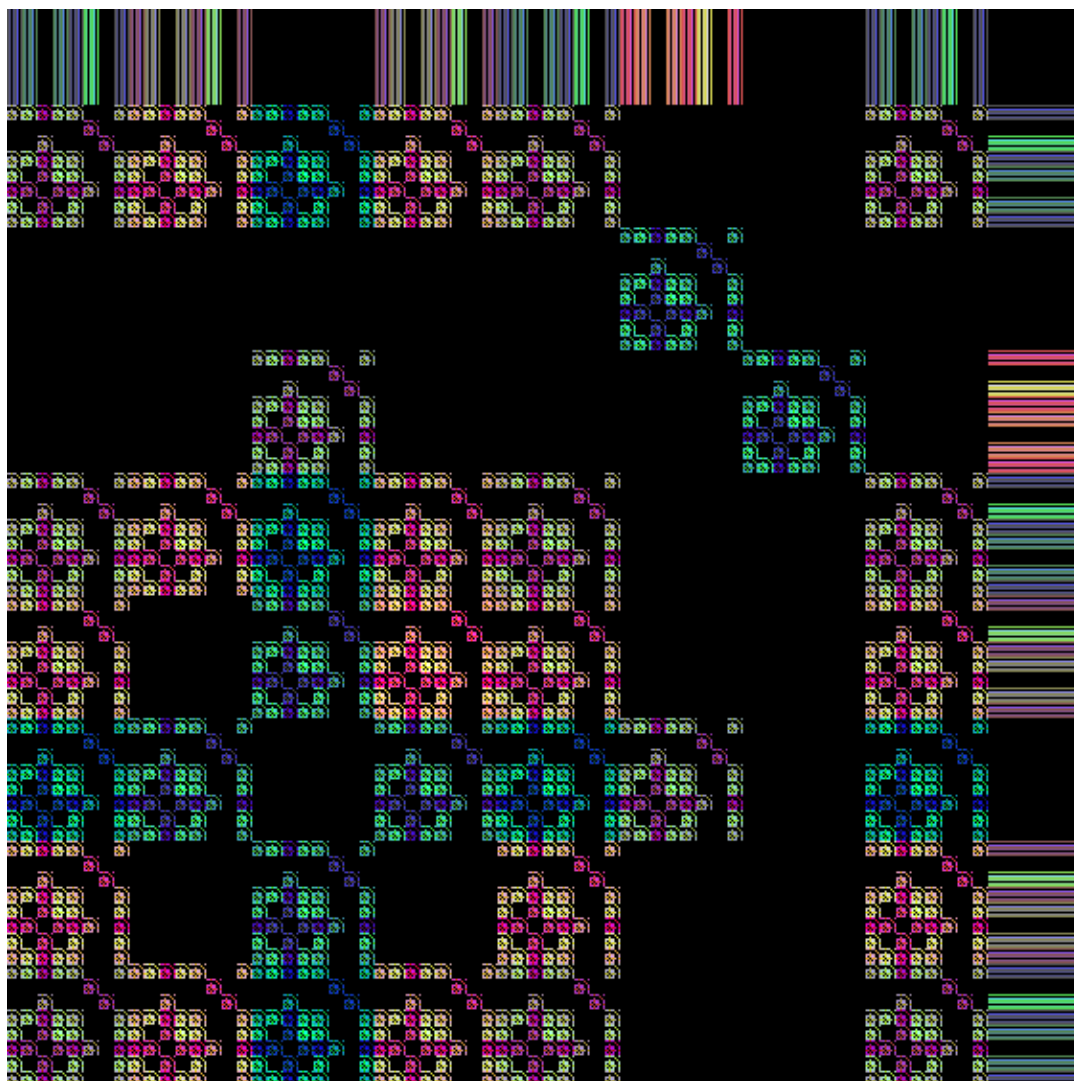
3 -0.3915 0.6040 -0.9247 0.5020 0.4334 -0.3655 -0.6129 -0.5426



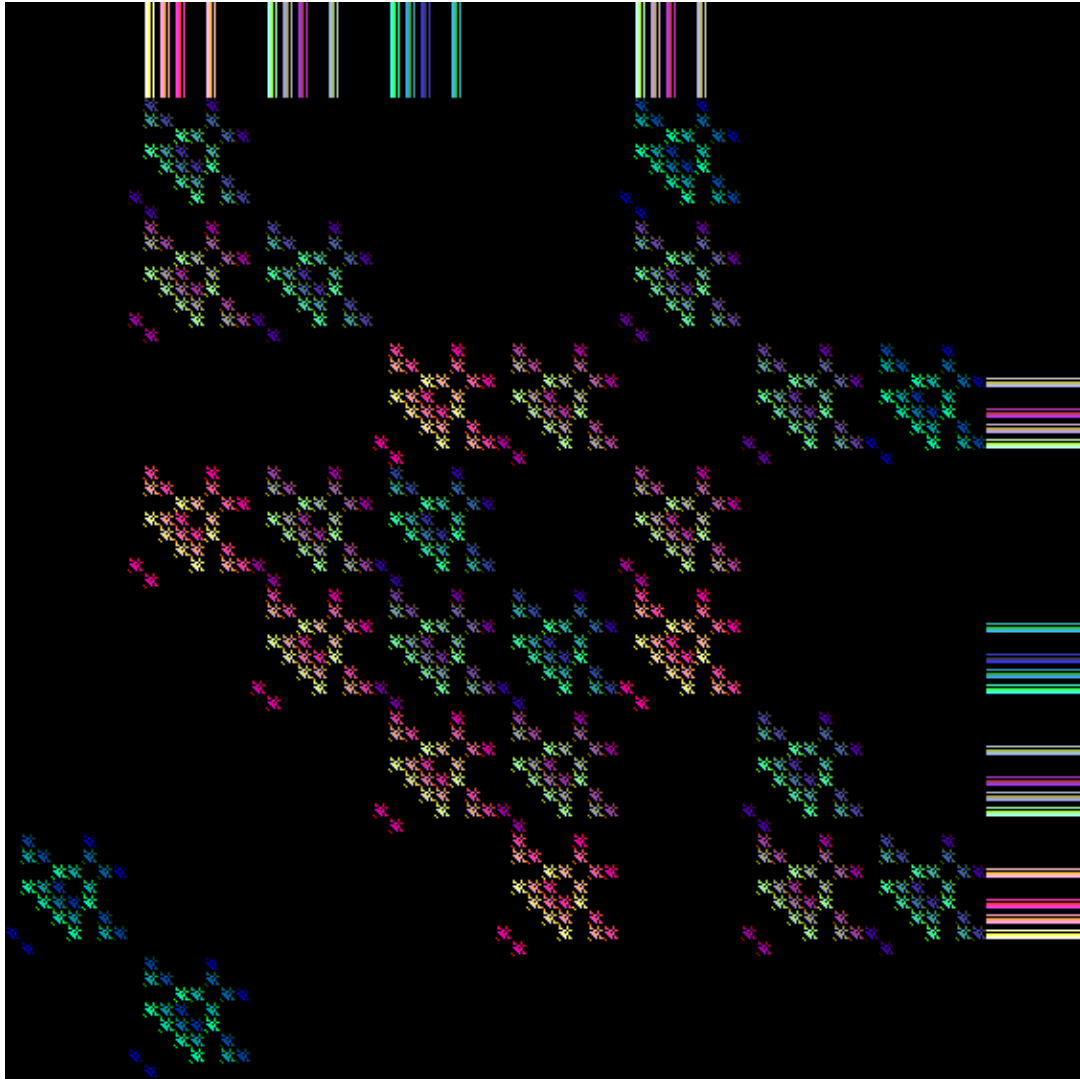
4 0.9341 0.5261 0.6263 0.6713 0.5586 -0.3137 0.8434 -0.4857



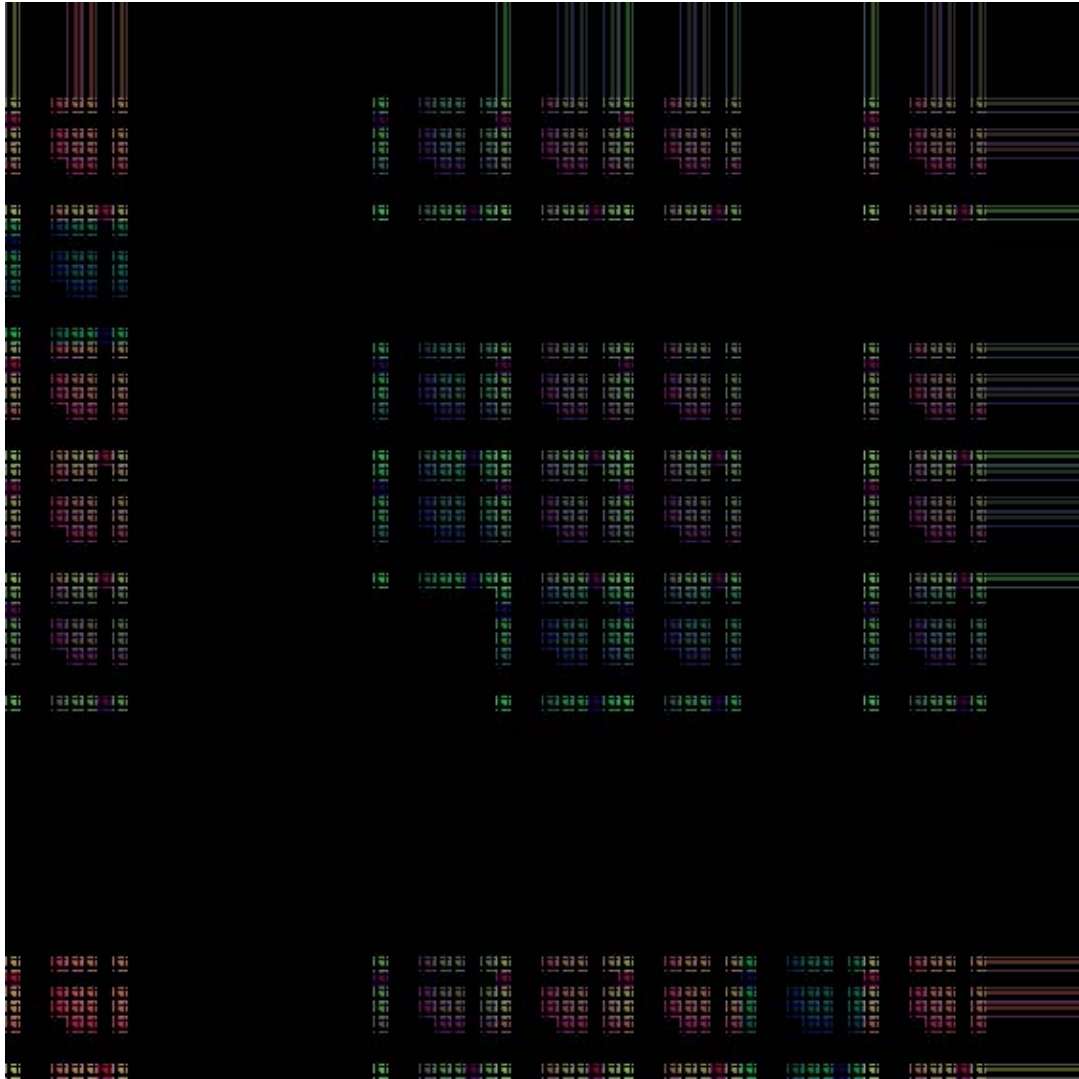
5 0.3251 0.5246 -0.2536 0.5053 0.3351 0.8428 -0.6134 0.3282



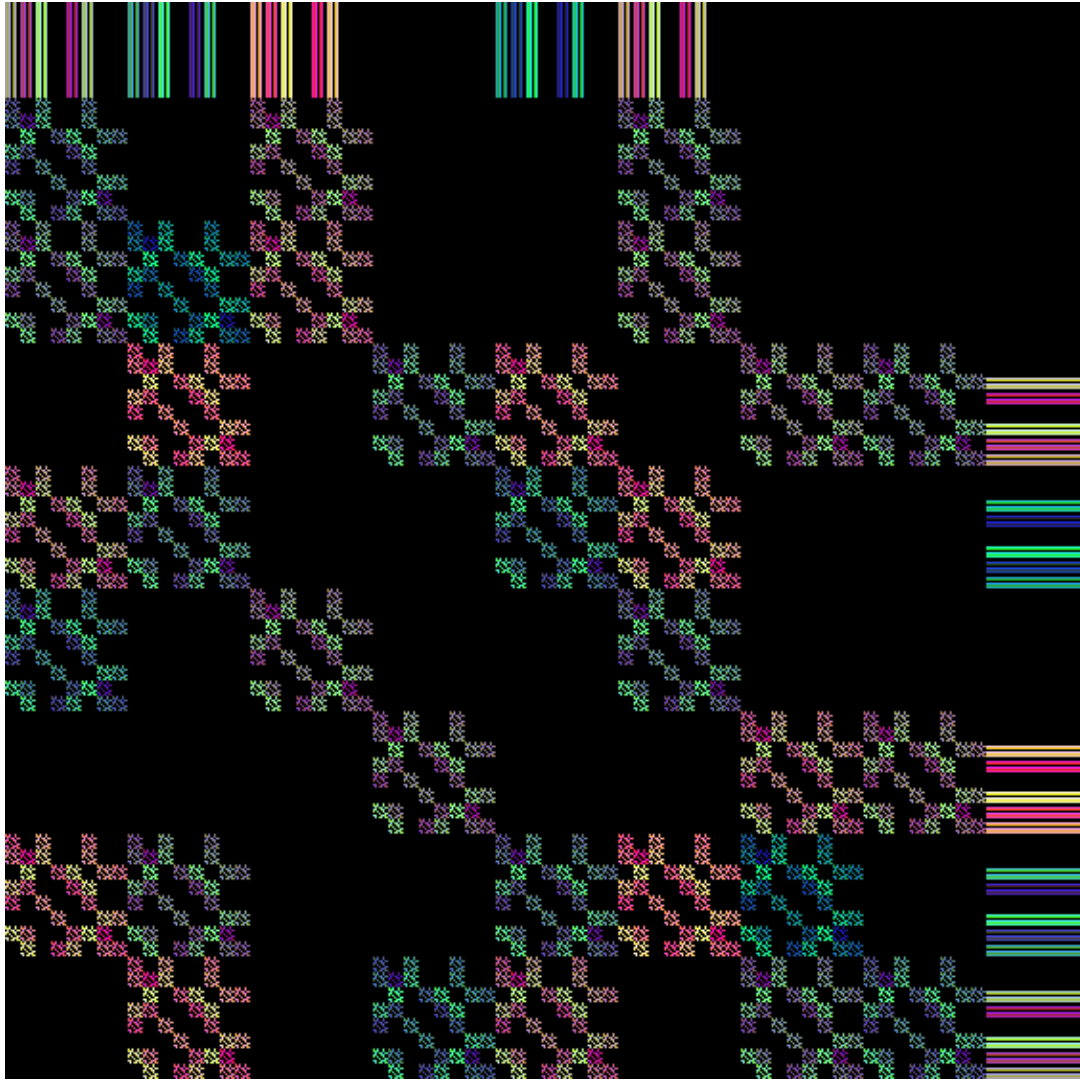
6 -0.9711 0.9735 0.6265 0.2220 -0.02631 0.7404 -0.3417 -0.7188



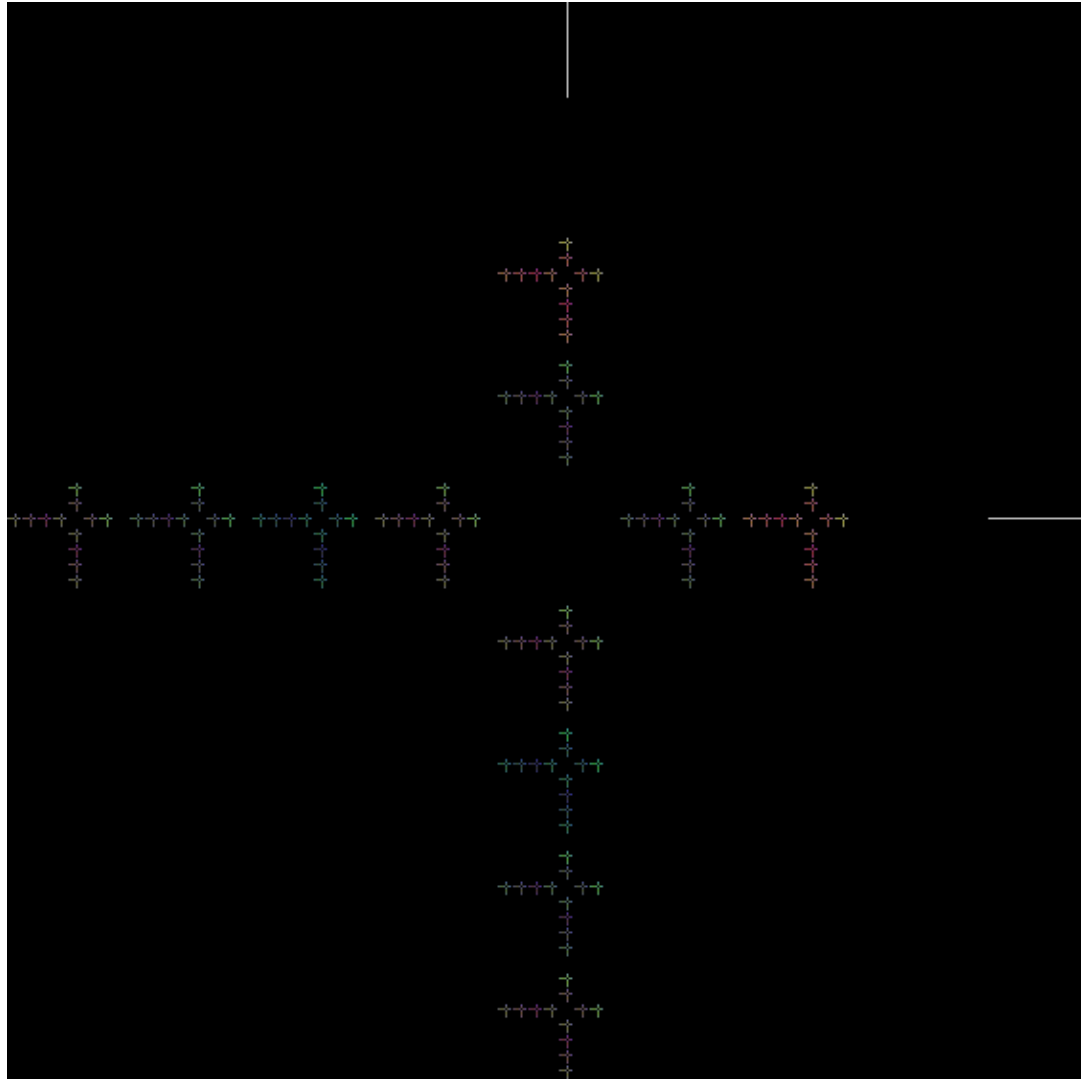
7 0.3427 -0.8120 -0.6200 -0.02722 0.1349 0.1684 -0.3063 0.2162



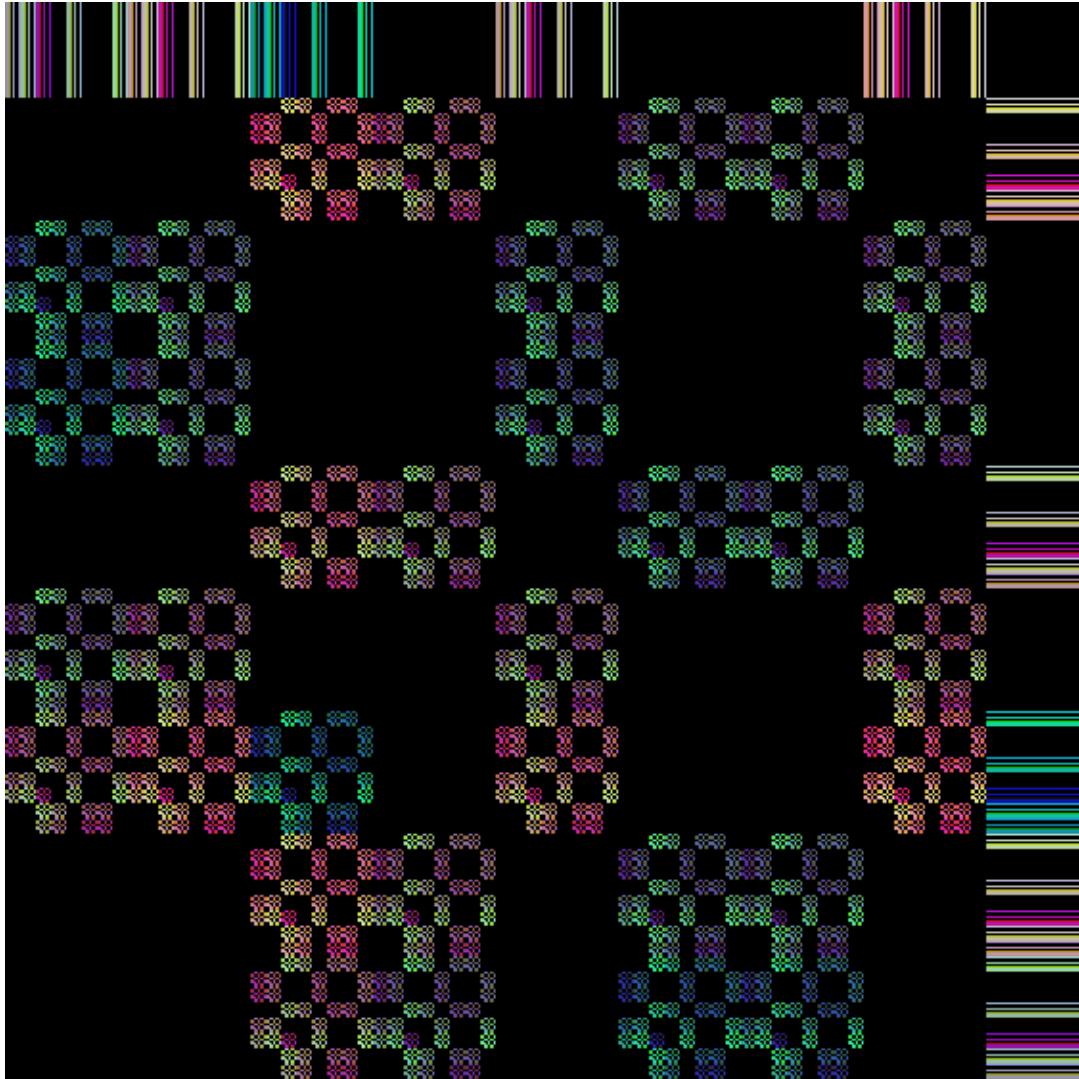
8 0.6340 0.2550 0.9333 -0.3414 0.1466 0.7531 -0.1506 -0.2837



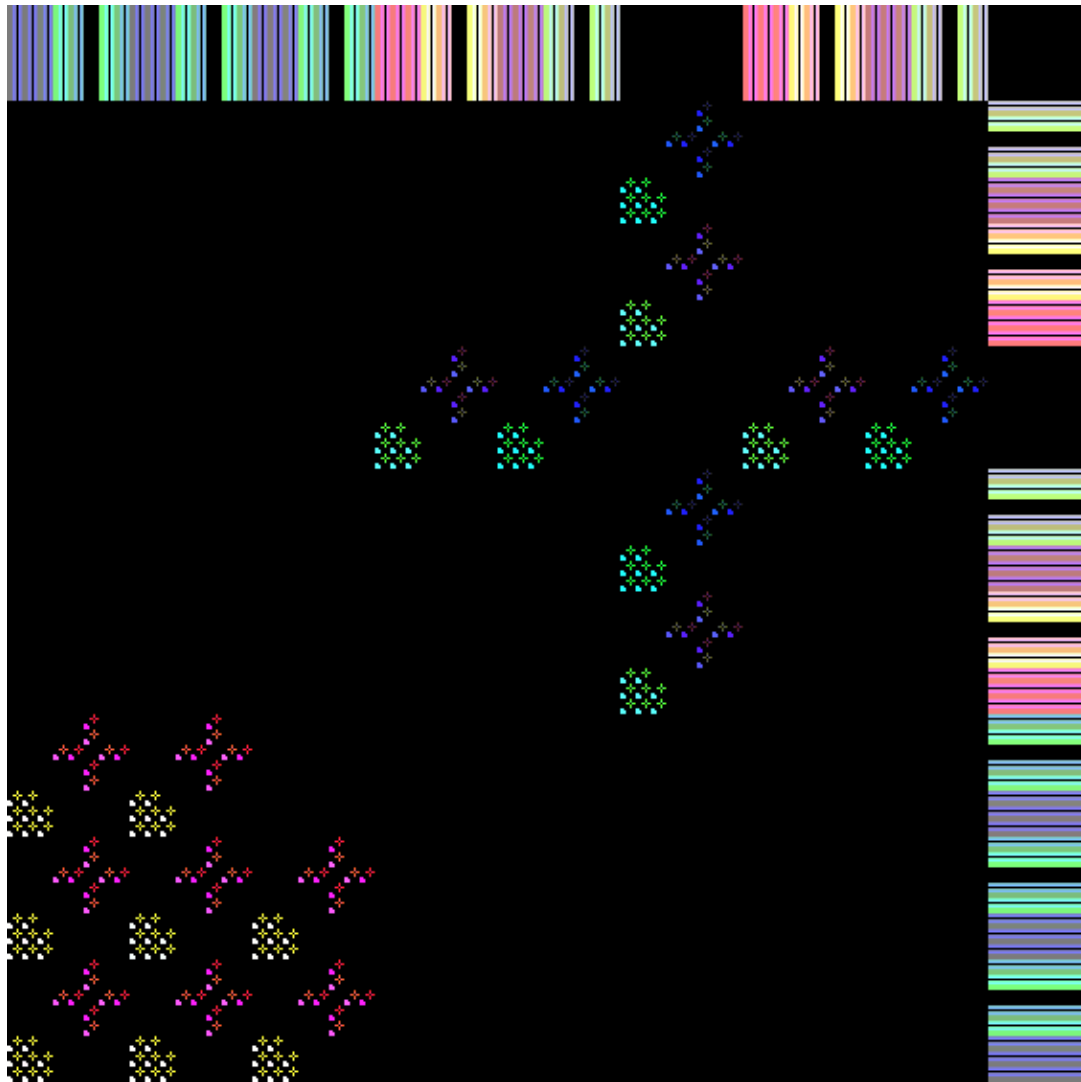
9 -0.3066 -0.4022 -0.5026 -0.3107 0.6994 -0.3839 -0.1451 -0.9641



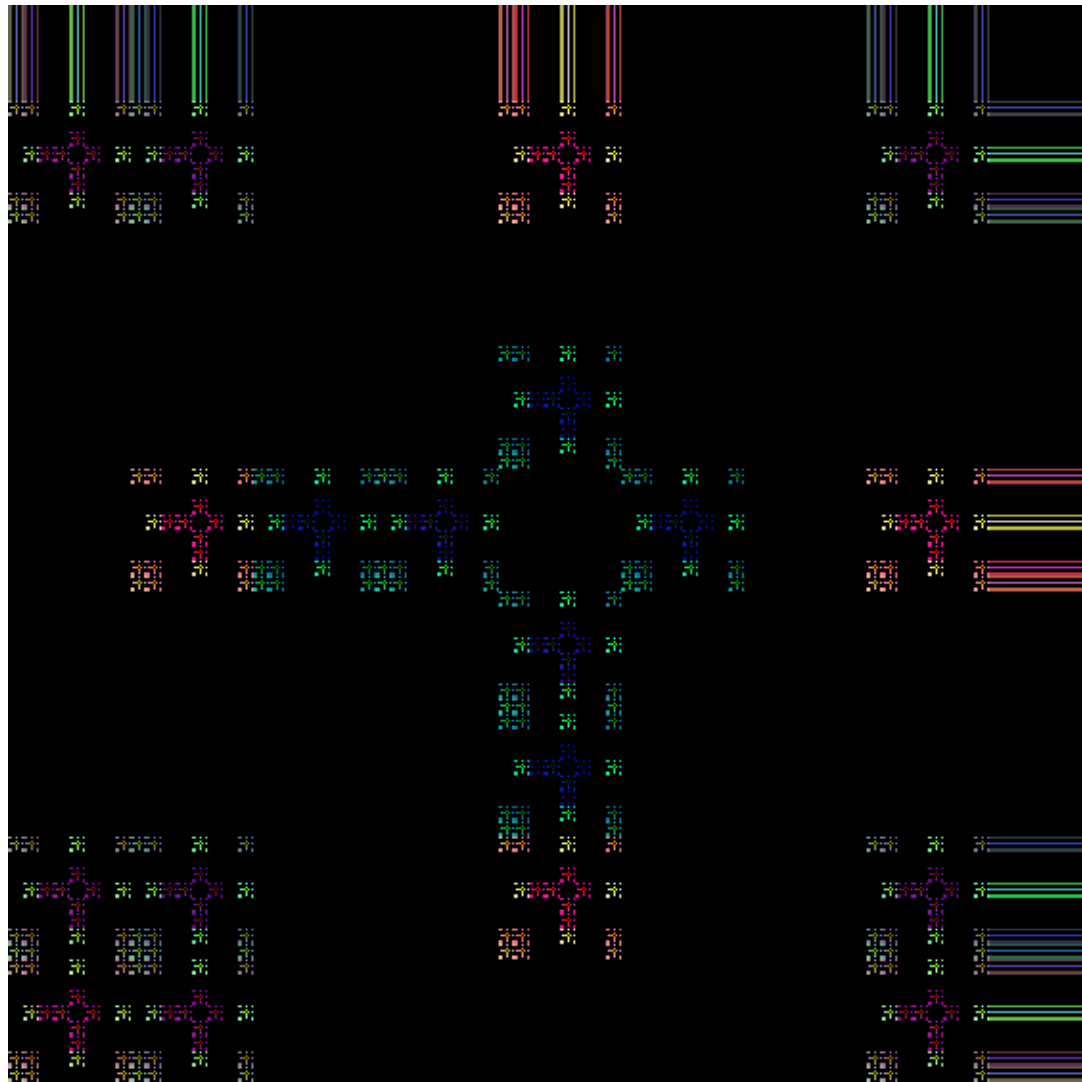
10 0.5796 0.7463 0.06979 -0.1596 0.7019 -0.3938 -0.3878 0.8249



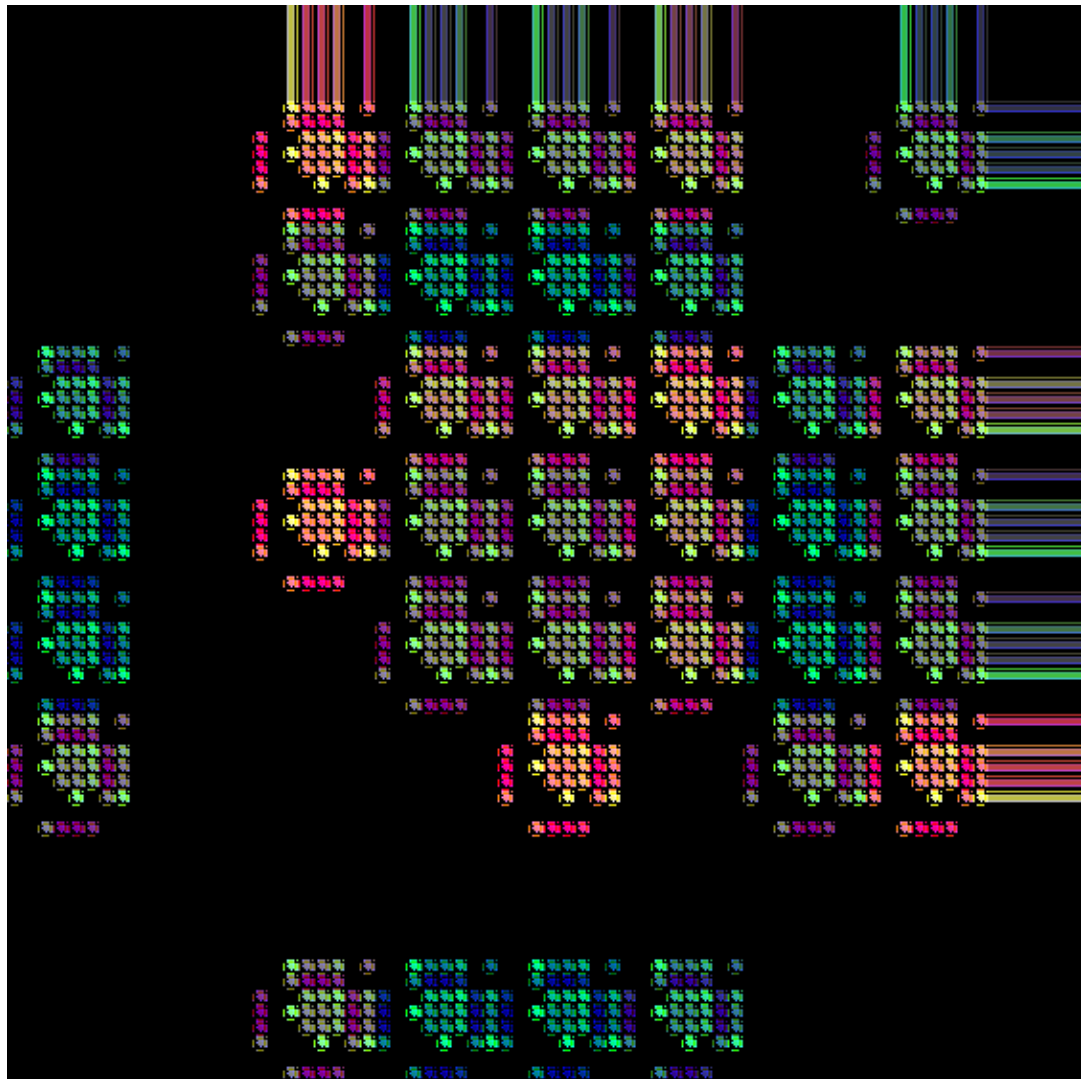
11 0.4949 0.4760 0.5125 0.9611 0.7495 -0.6105 0.9987 0.7606



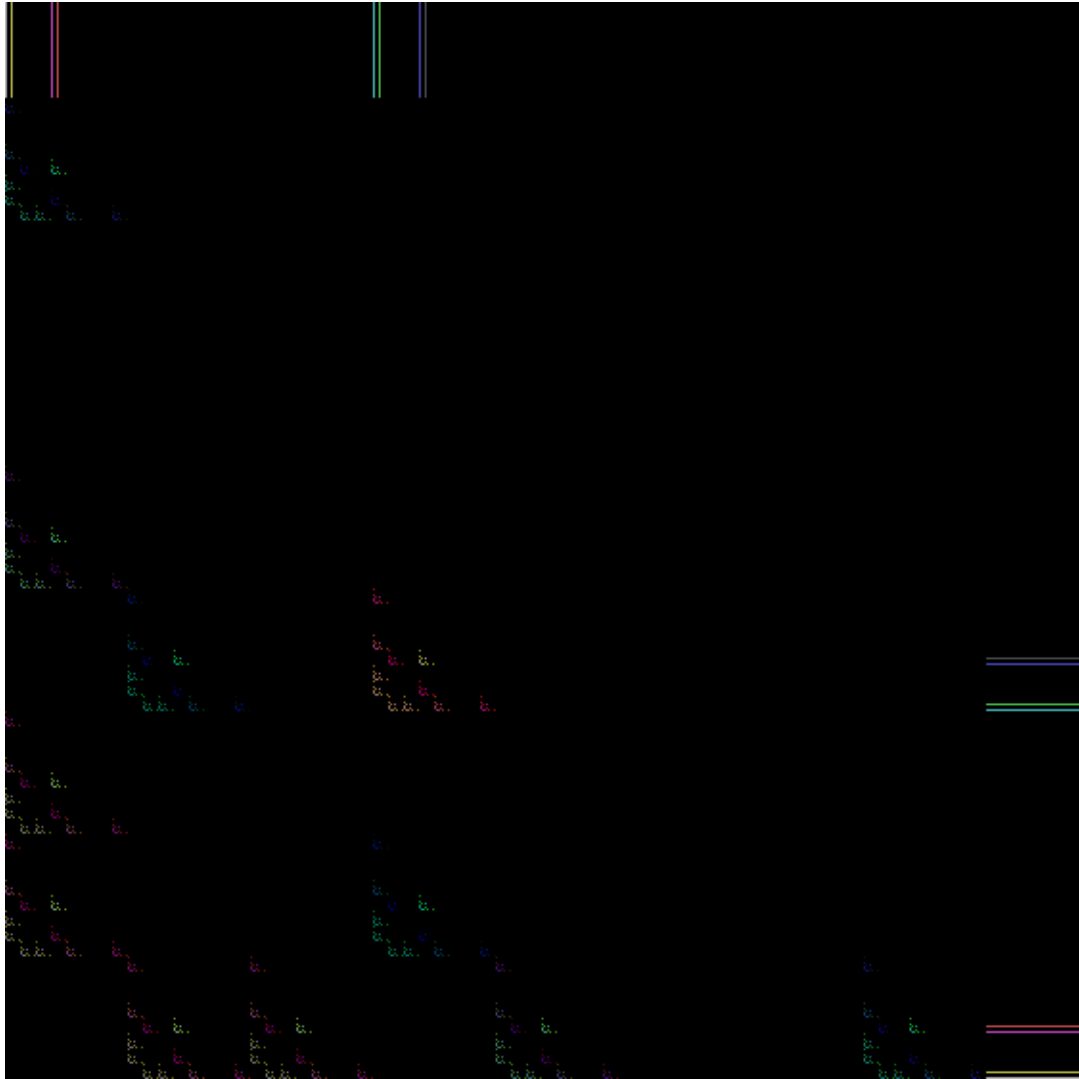
12 0.3845 0.2089 -0.6881 -0.5949 0.7220 -0.6759 -0.7615 0.2648



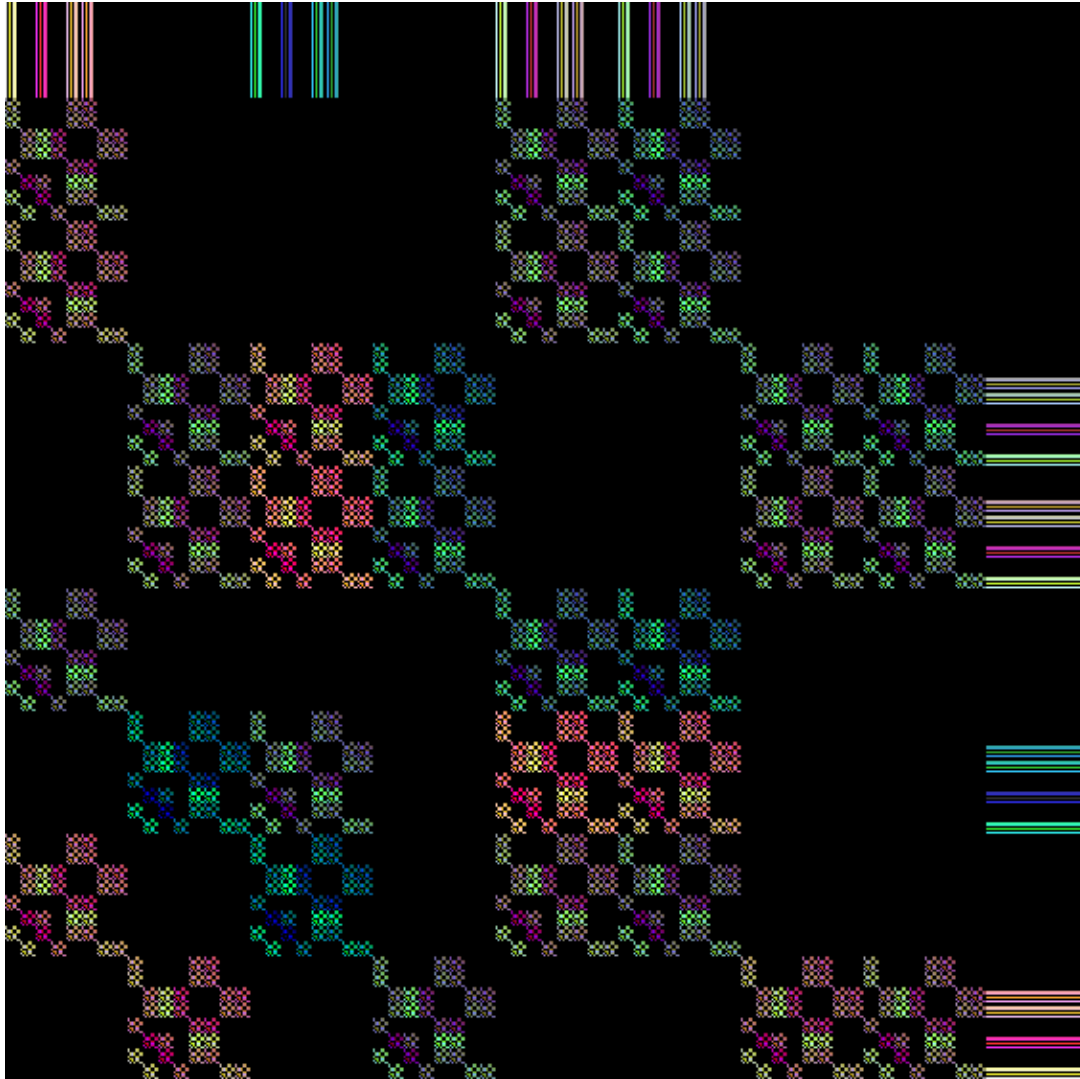
13 -0.2445 -0.8836 0.7452 0.2781 0.2620 0.4443 -0.2325 0.2175



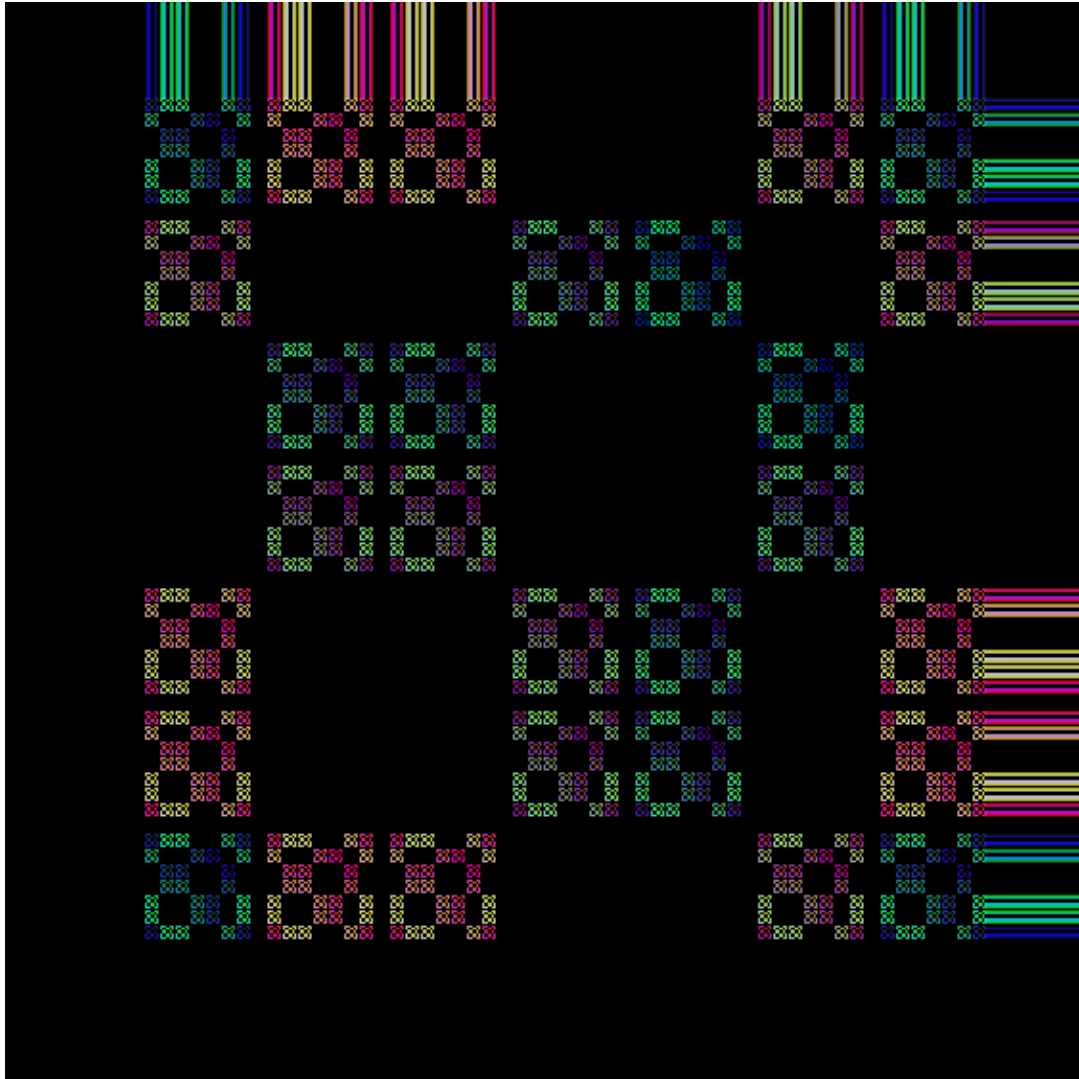
14 0.7330 -0.2787 -0.3205 0.3078 -0.5066 -0.9279 -0.8040 -0.6642



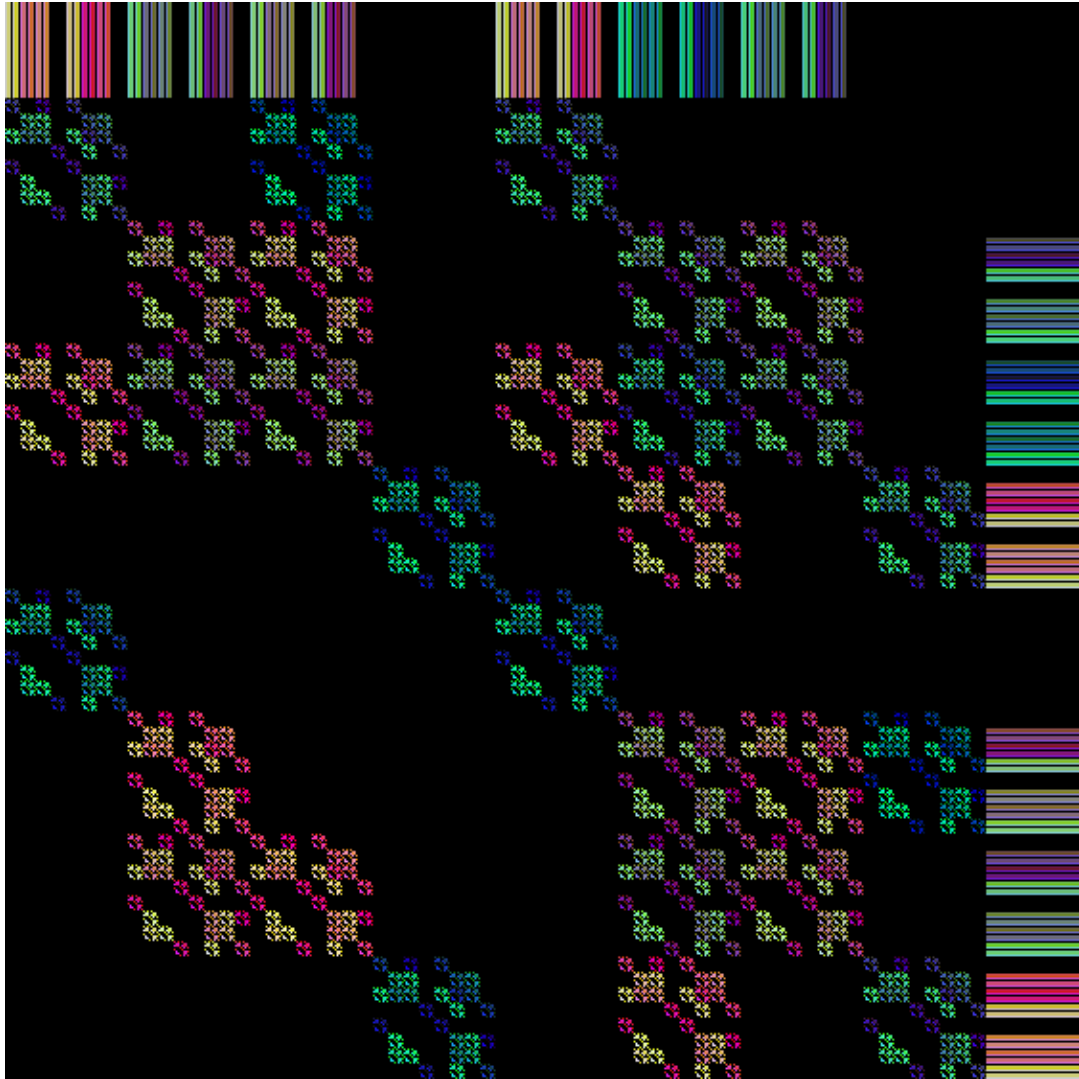
15 0.9474 -0.1938 0.1967 -0.4890 0.7569 0.6367 -0.2514 -0.3475



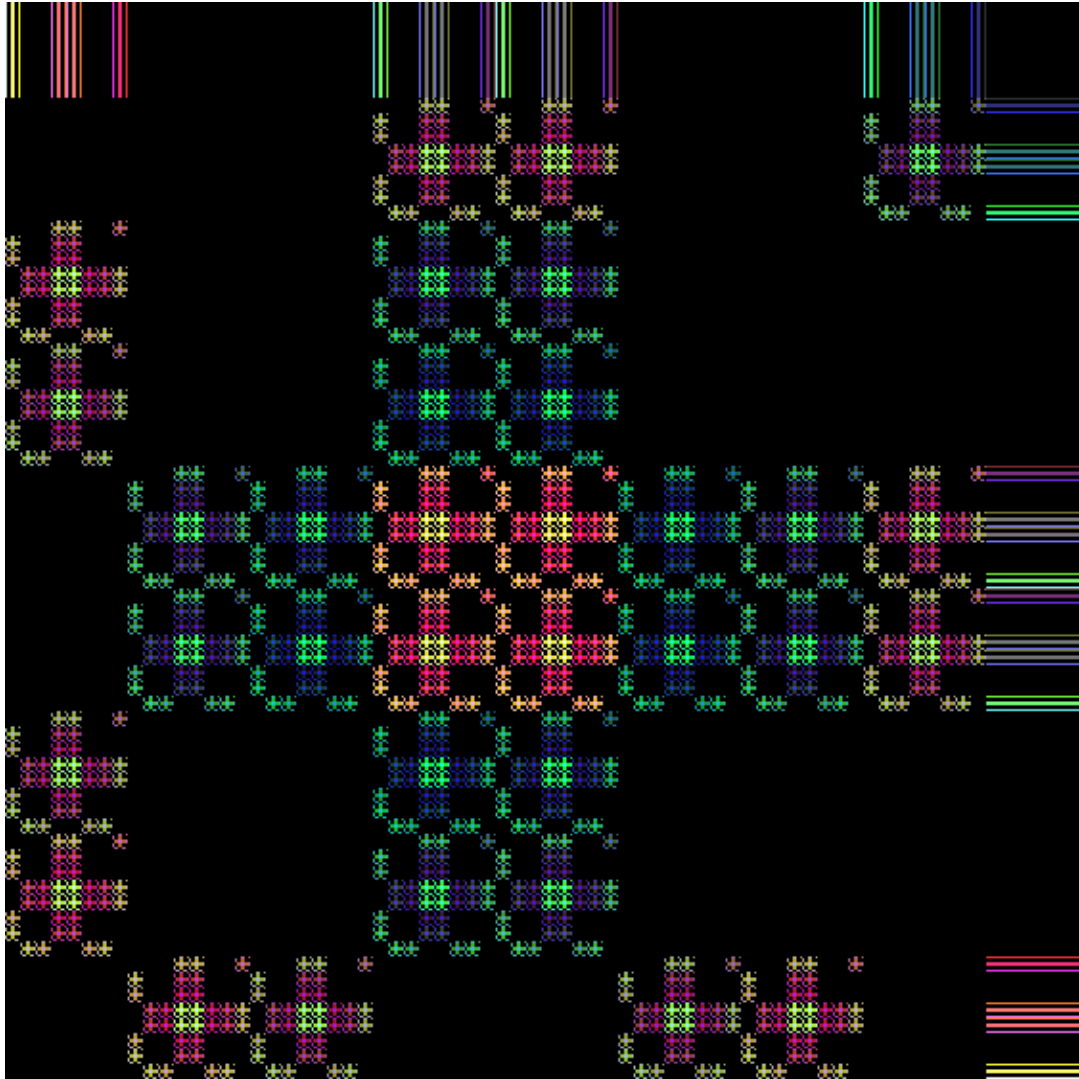
16 -0.8982 0.05023 0.7351 0.7260 -0.2377 -0.5135 0.5459 0.08102



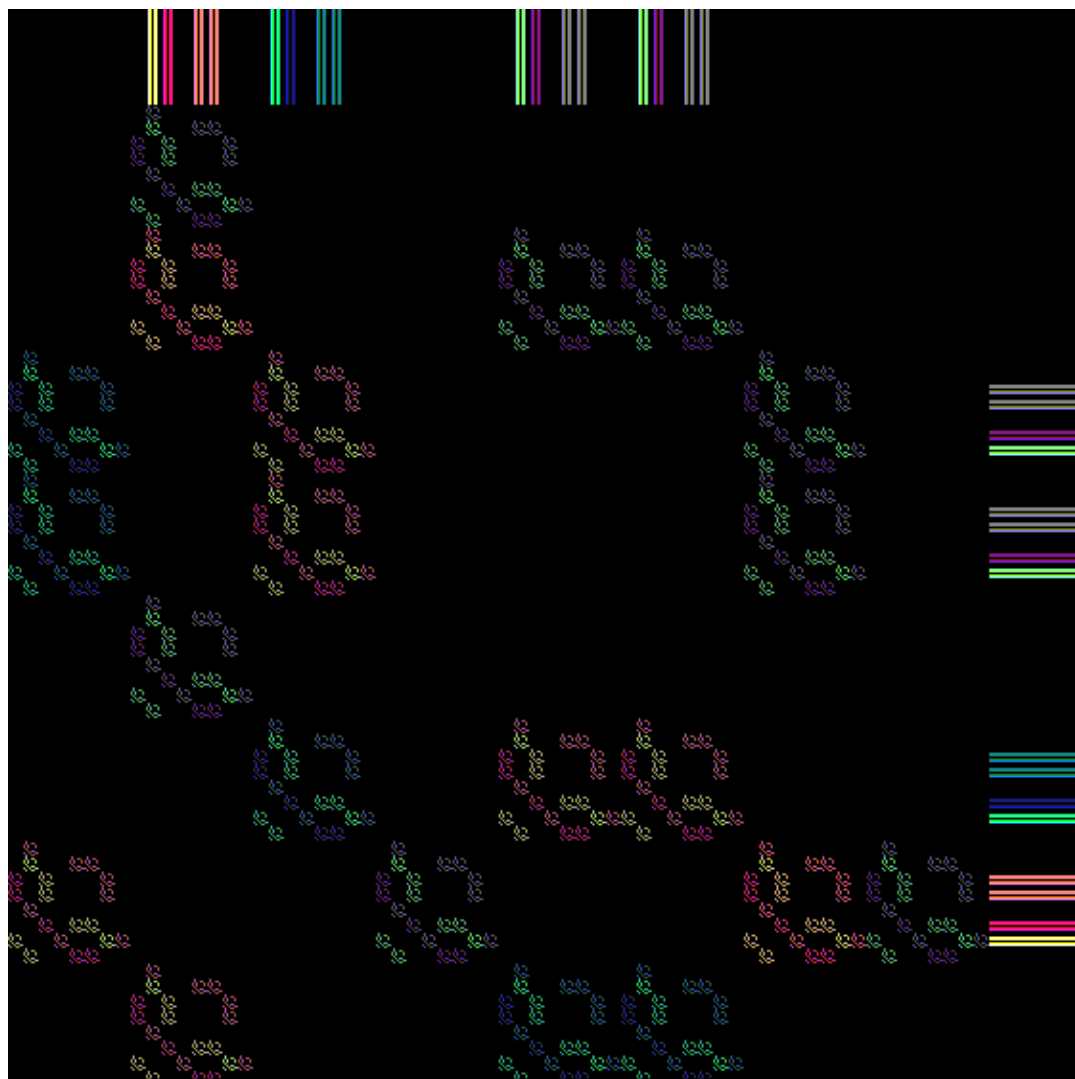
17 0.7840 0.4279 0.5177 -0.6661 0.7470 0.1025 0.2956 -0.5036



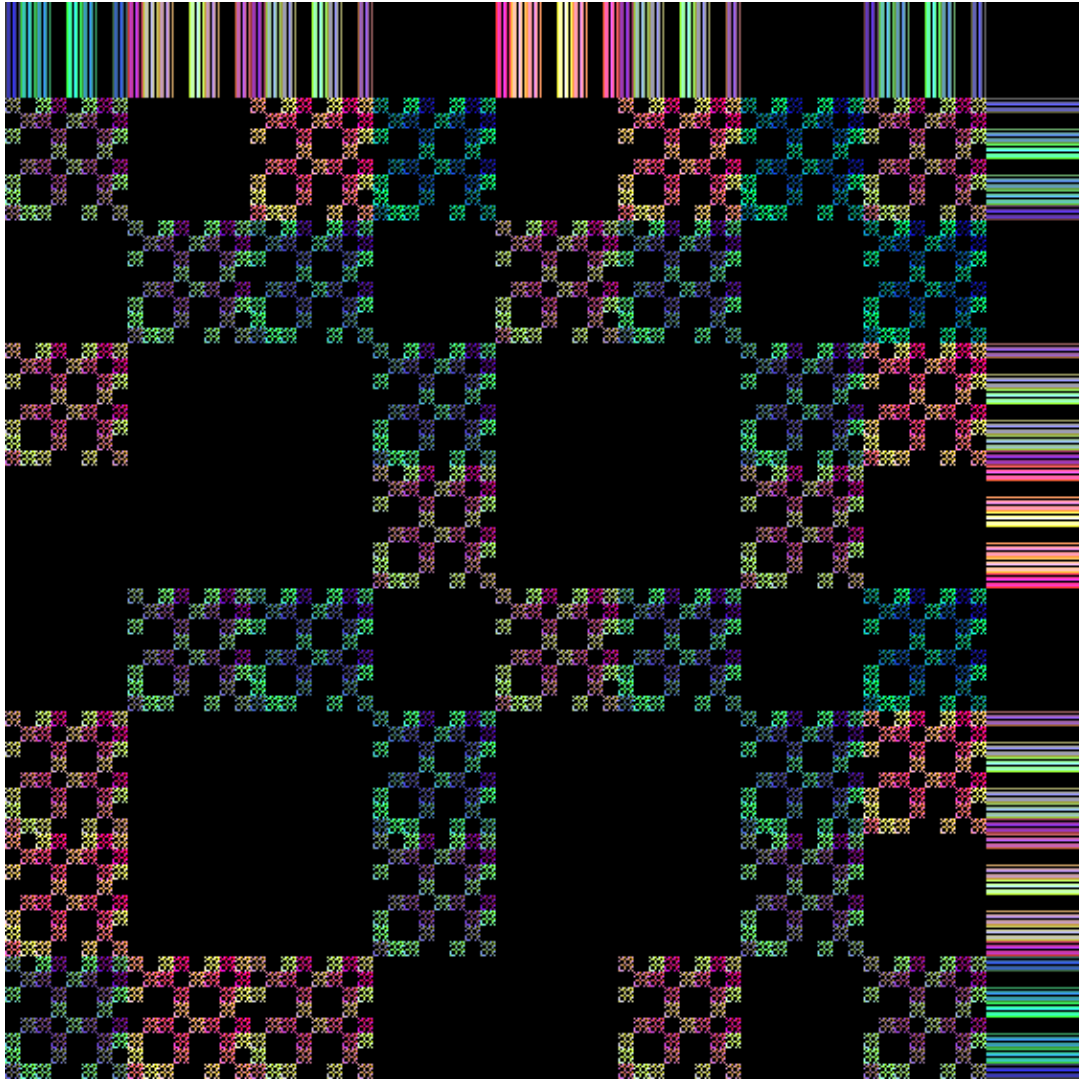
18 0.9412 -0.2117 -0.3311 0.4501 0.4688 -0.3502 -0.2441 0.1941



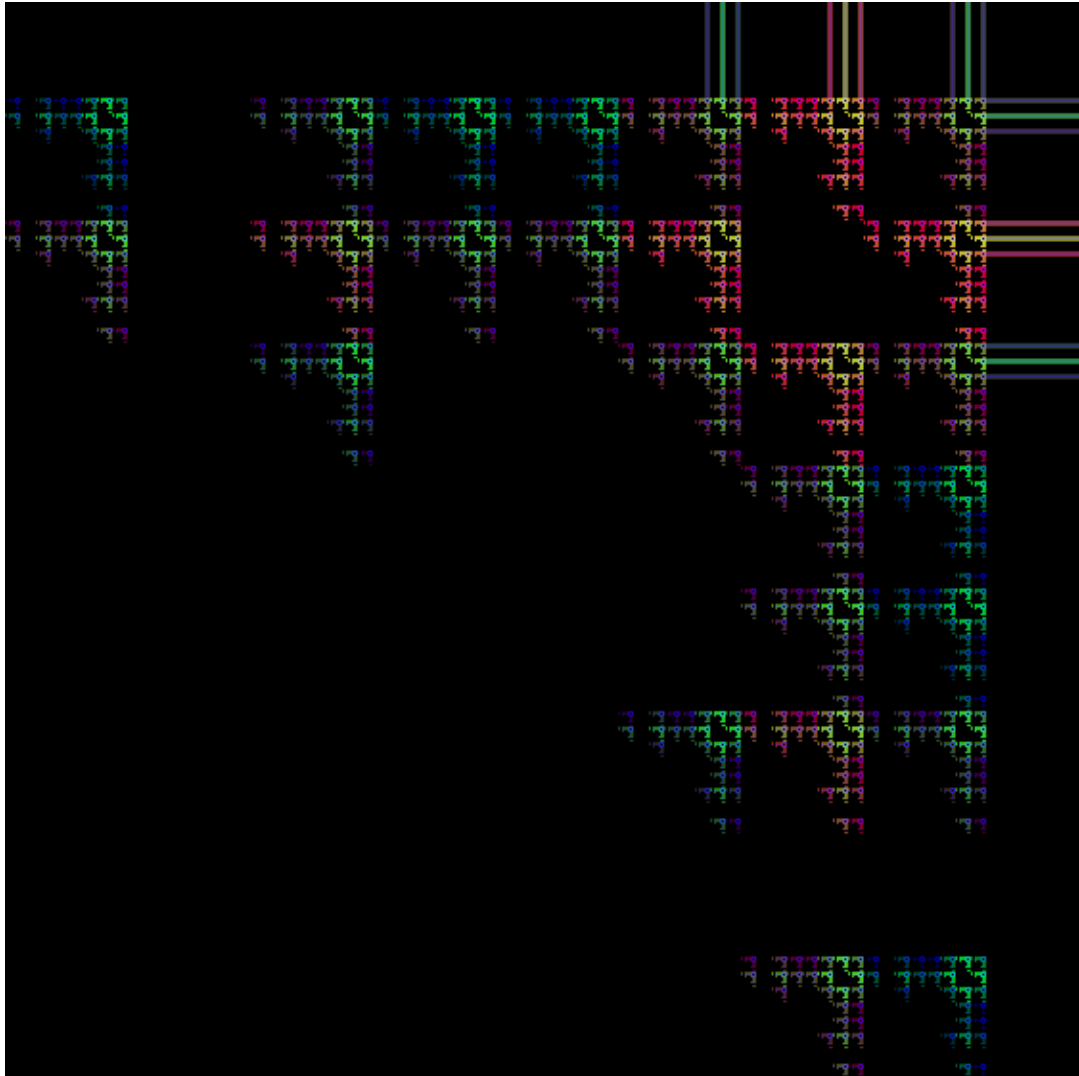
19 -0.3396 0.9948 0.1179 -0.6204 0.5266 0.5122 -0.1824 -0.6776



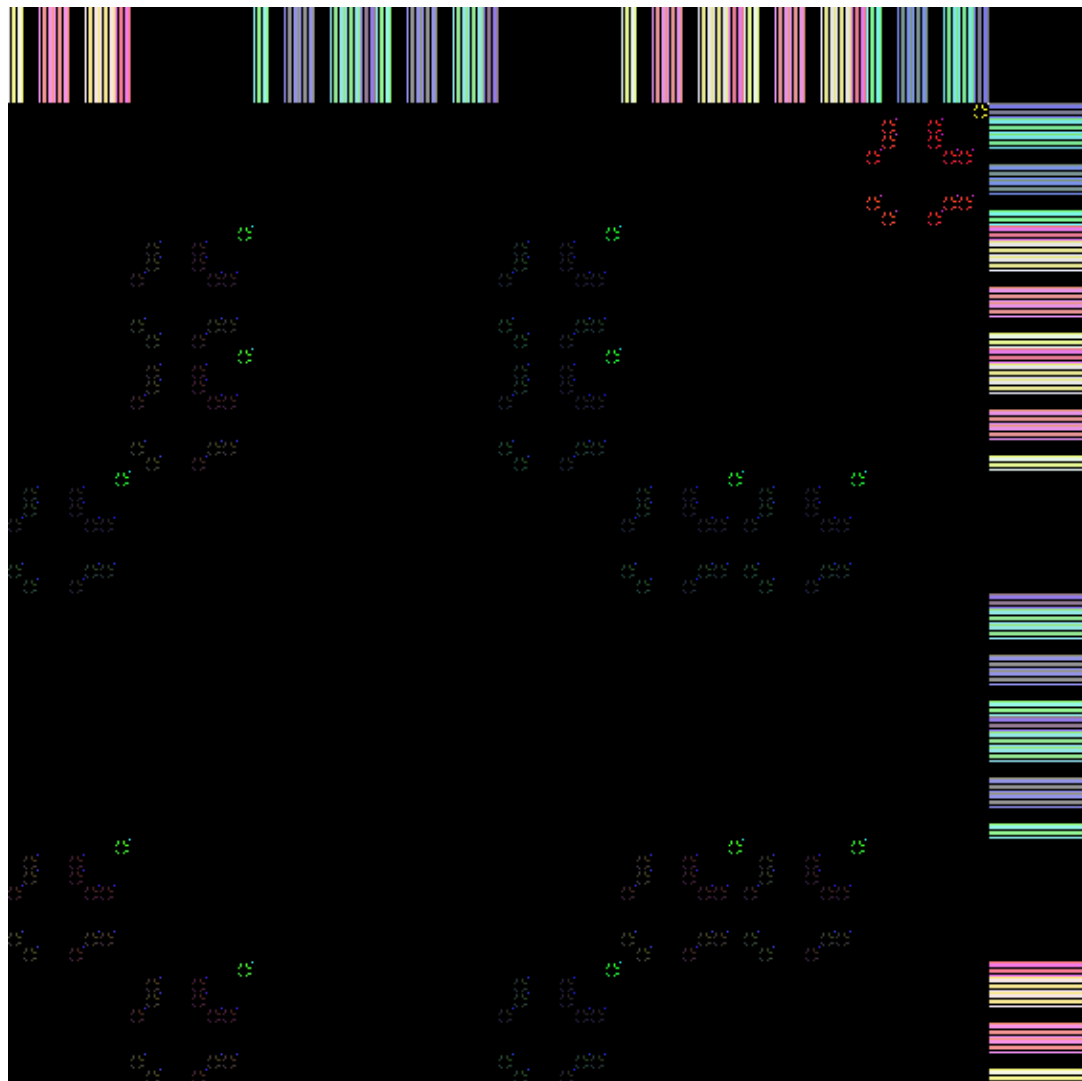
20 0.2294 0.7708 0.6053 -0.2930 0.9945 0.6143 -0.3015 0.3931



21 -0.2239 -0.8958 -0.03421 -0.2451 -0.2299 0.1702 0.5201 0.2404



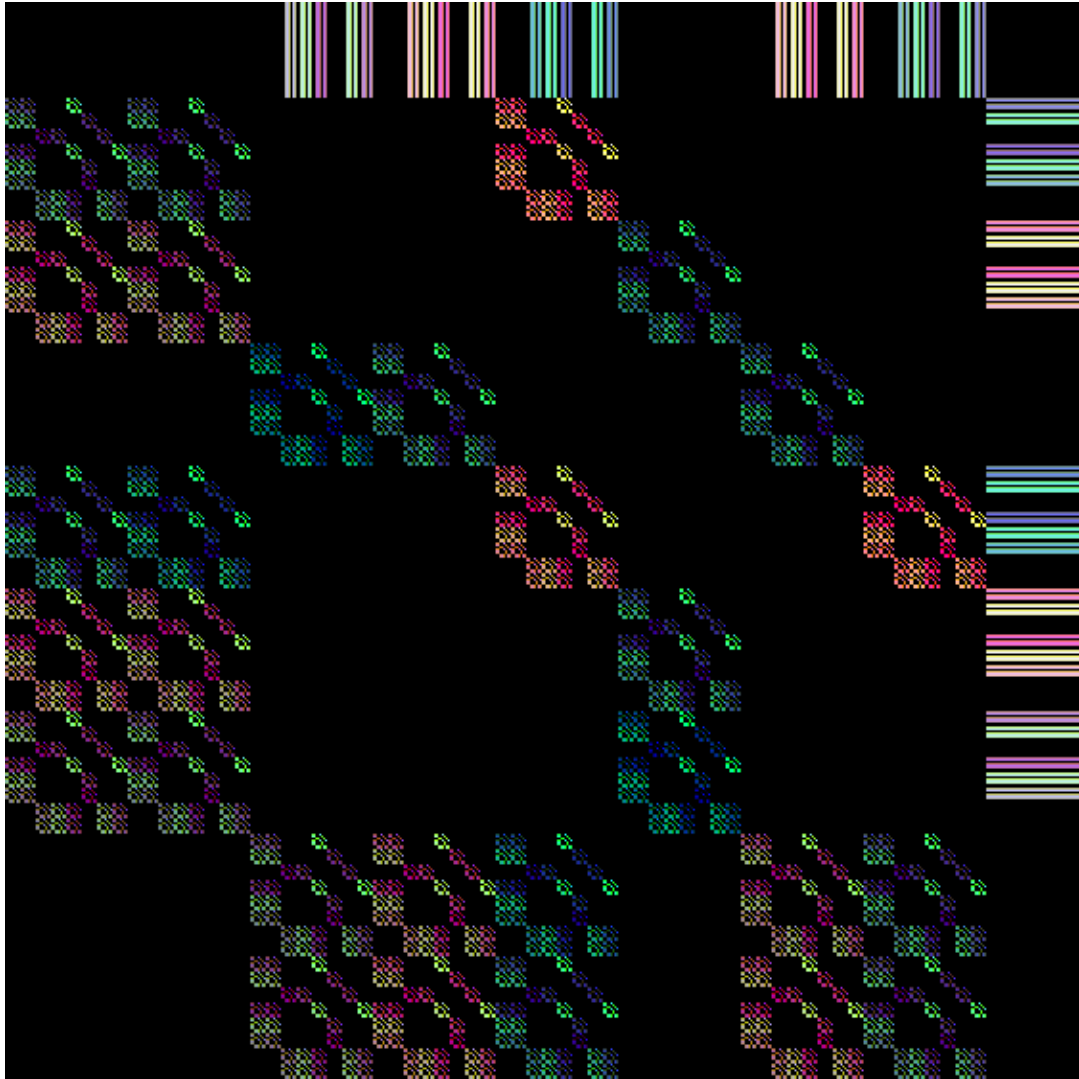
22 0.9381 -0.6353 0.5841 0.5700 -0.7549 0.8940 0.8839 0.4775



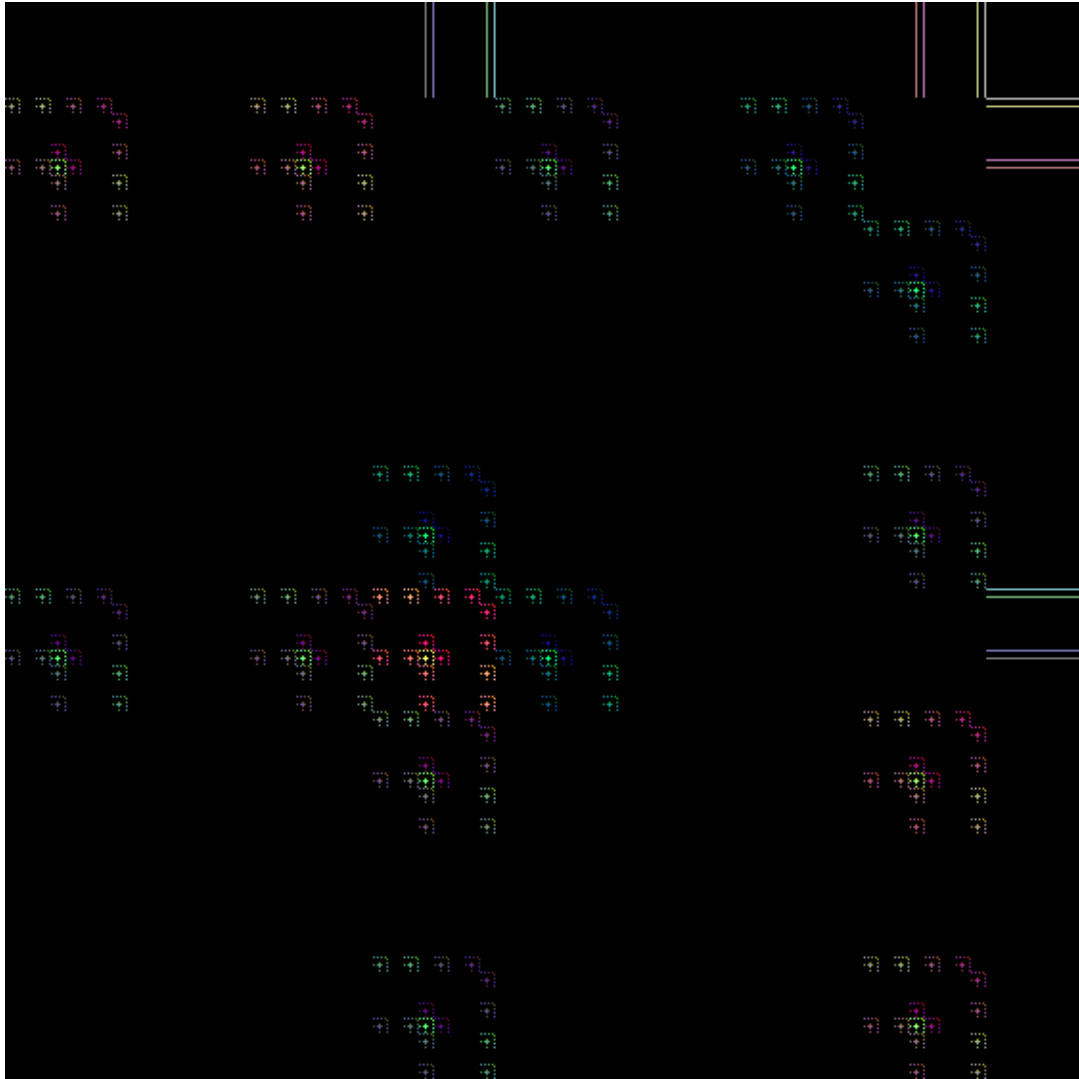
23 0.1416 -0.7950 -0.1139 -0.4727 -0.8343 -0.3395 0.1585 -0.5327



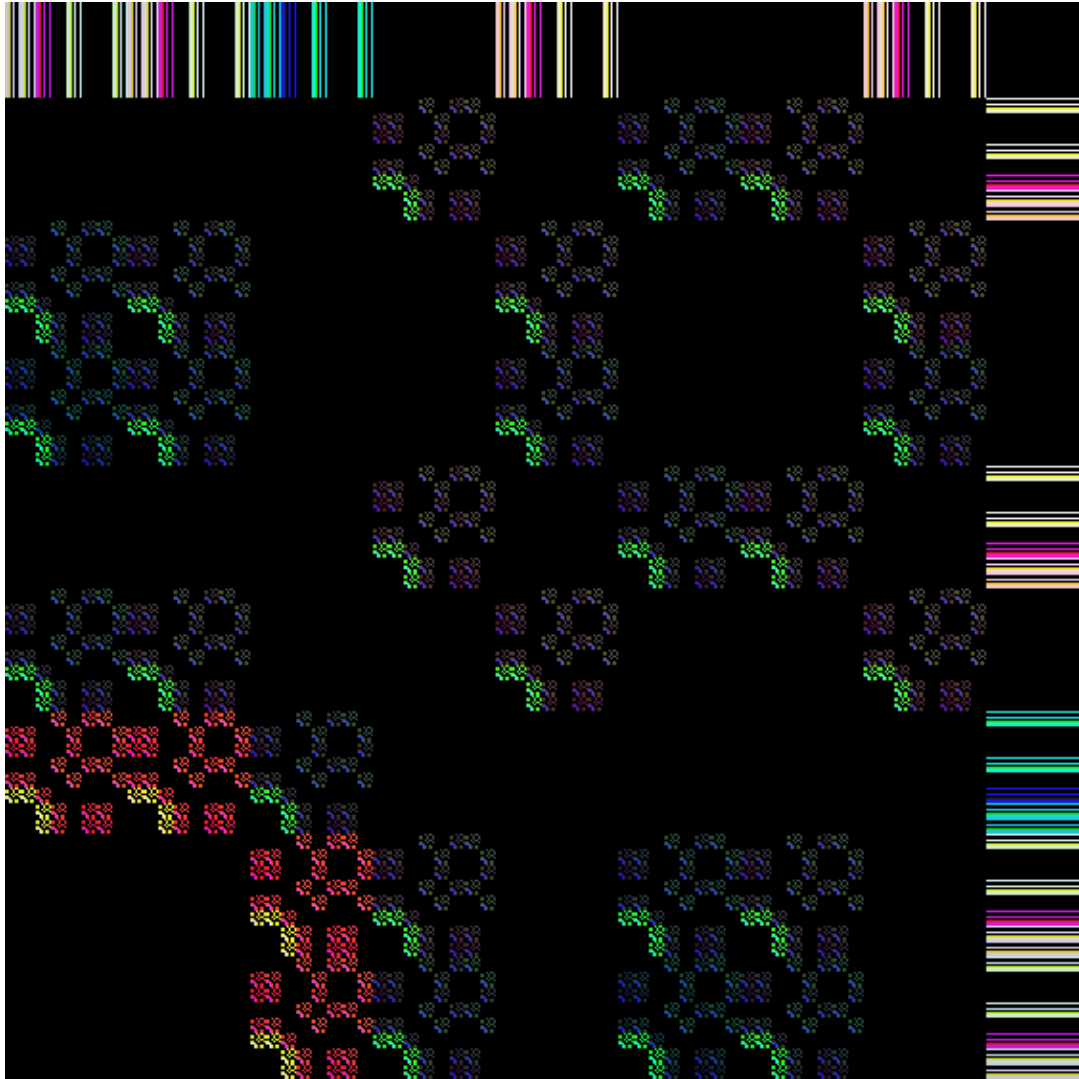
24 -0.2261 -0.3029 0.7377 0.9337 0.4237 -0.7417 0.9138 0.5577



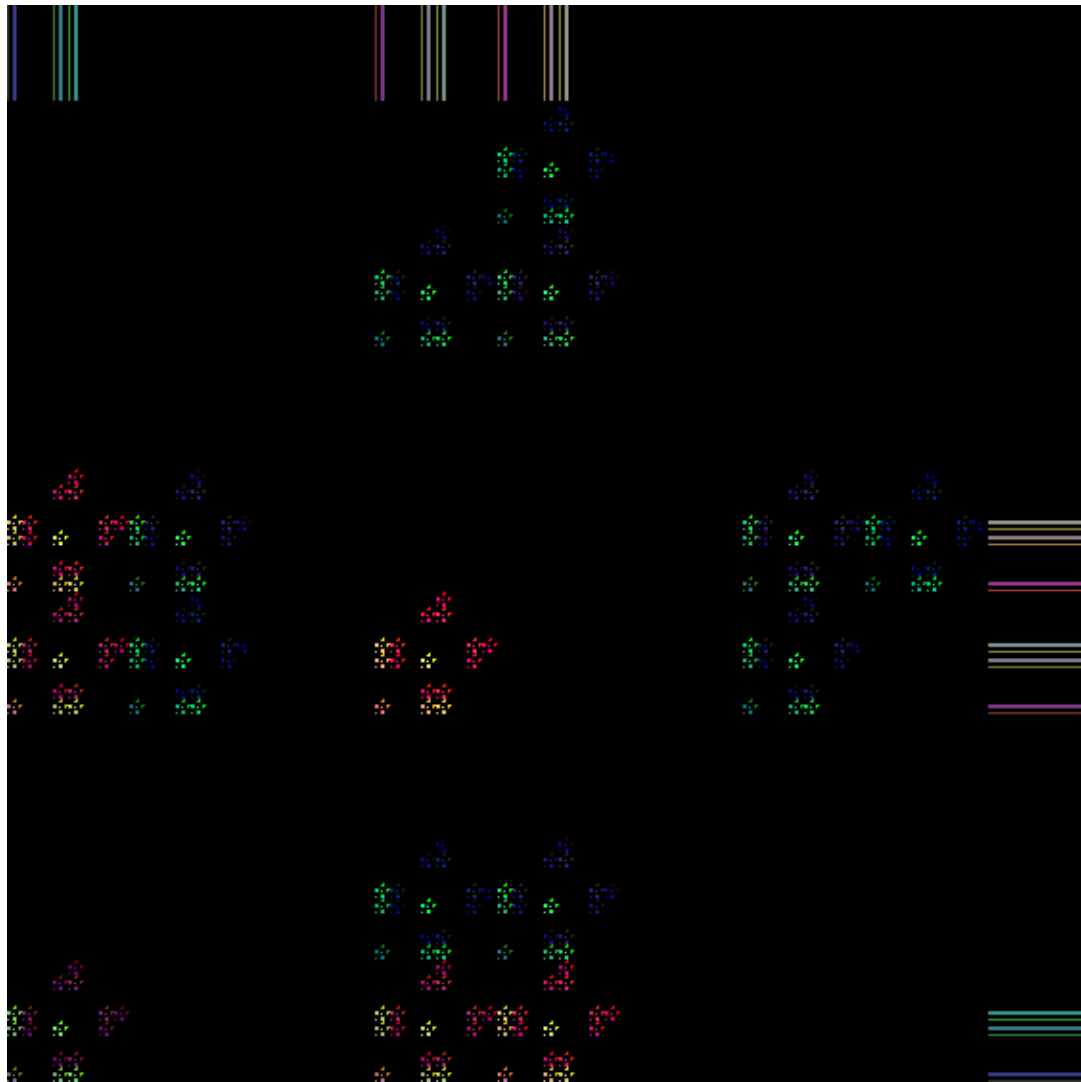
25 -0.1537 -0.9830 -0.04156 0.4941 -0.4087 -0.8593 -0.5434 0.7249



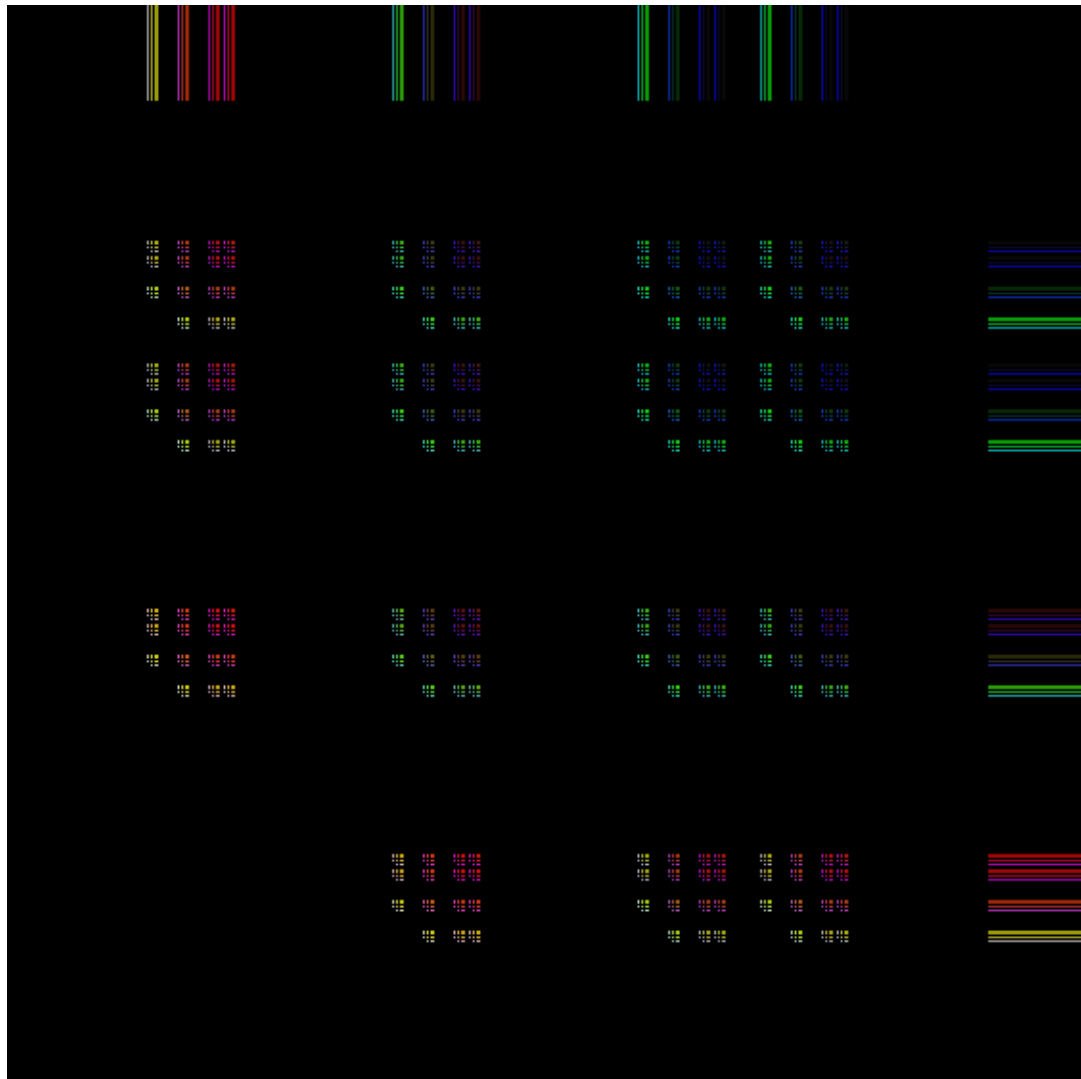
26 0.7804 0.8423 0.1177 -0.5870 0.9212 -0.6808 -0.6146 0.9272



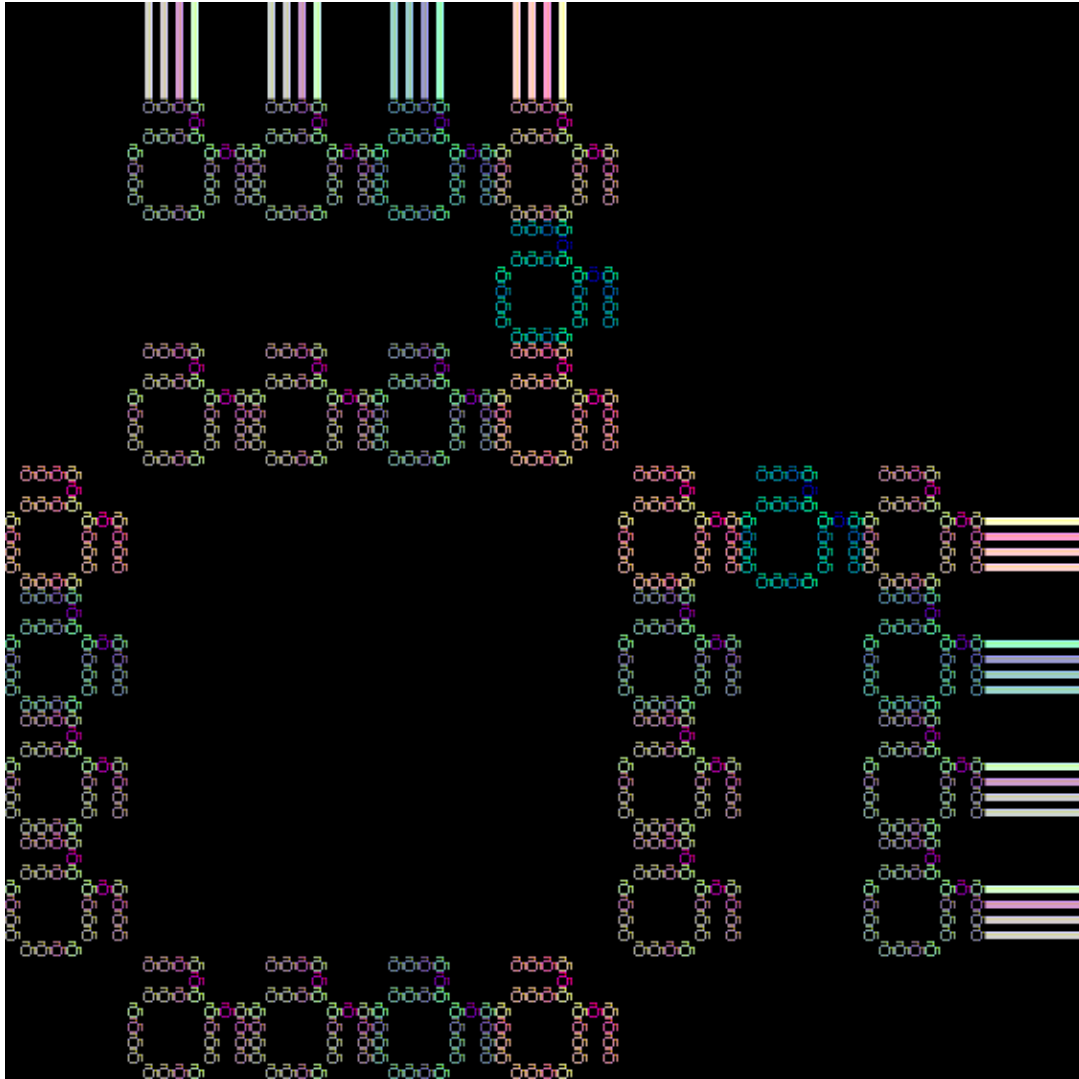
27 0.2309 -0.4459 -0.9985 0.4831 0.5892 -0.9773 -0.4054 -0.6044



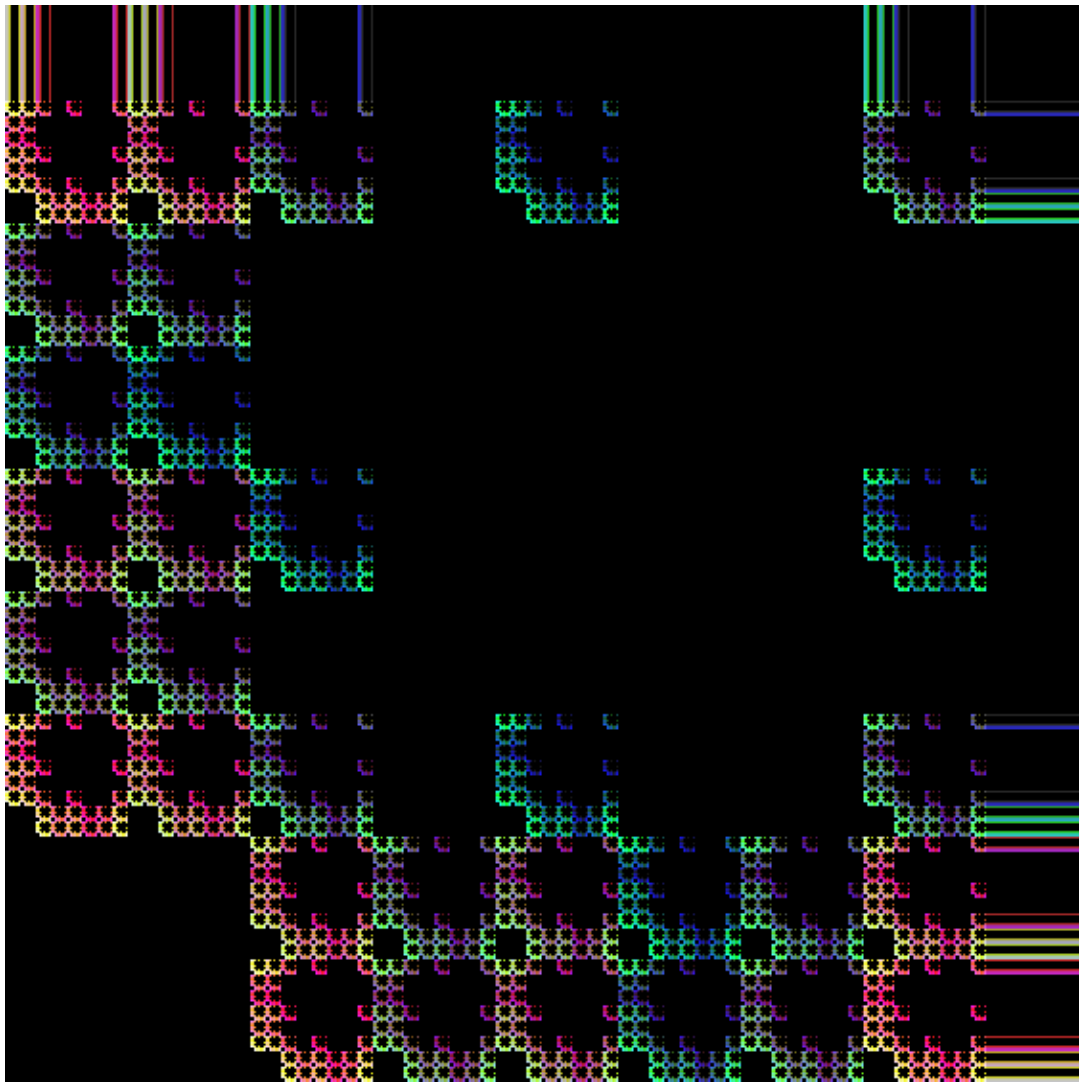
28 -0.8459 0.6155 -0.9934 0.1825 -0.8654 0.03864 0.05017 -0.7119



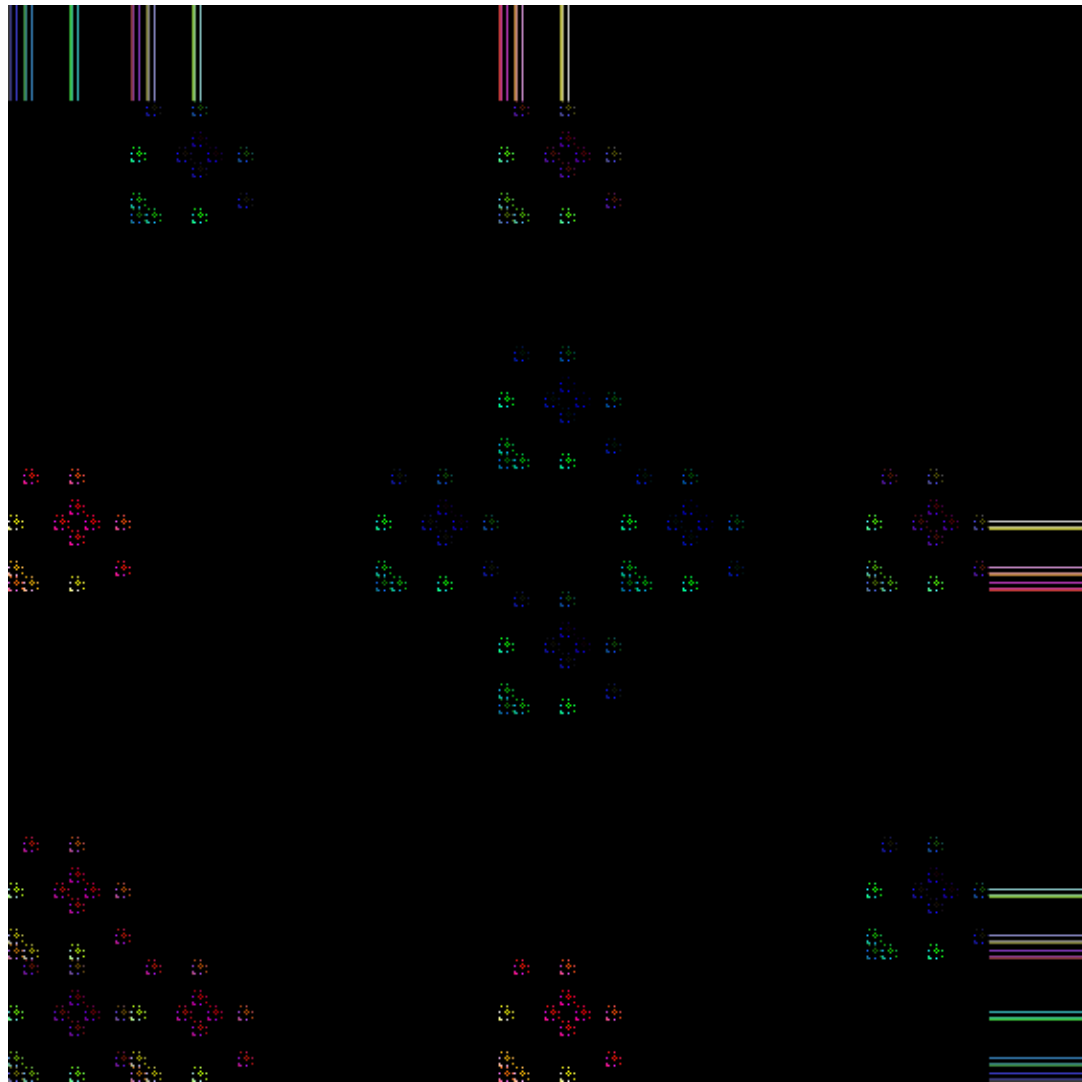
29 -0.1825 0.8219 0.8045 0.6146 0.9895 -0.1733 -0.9872 -0.2933



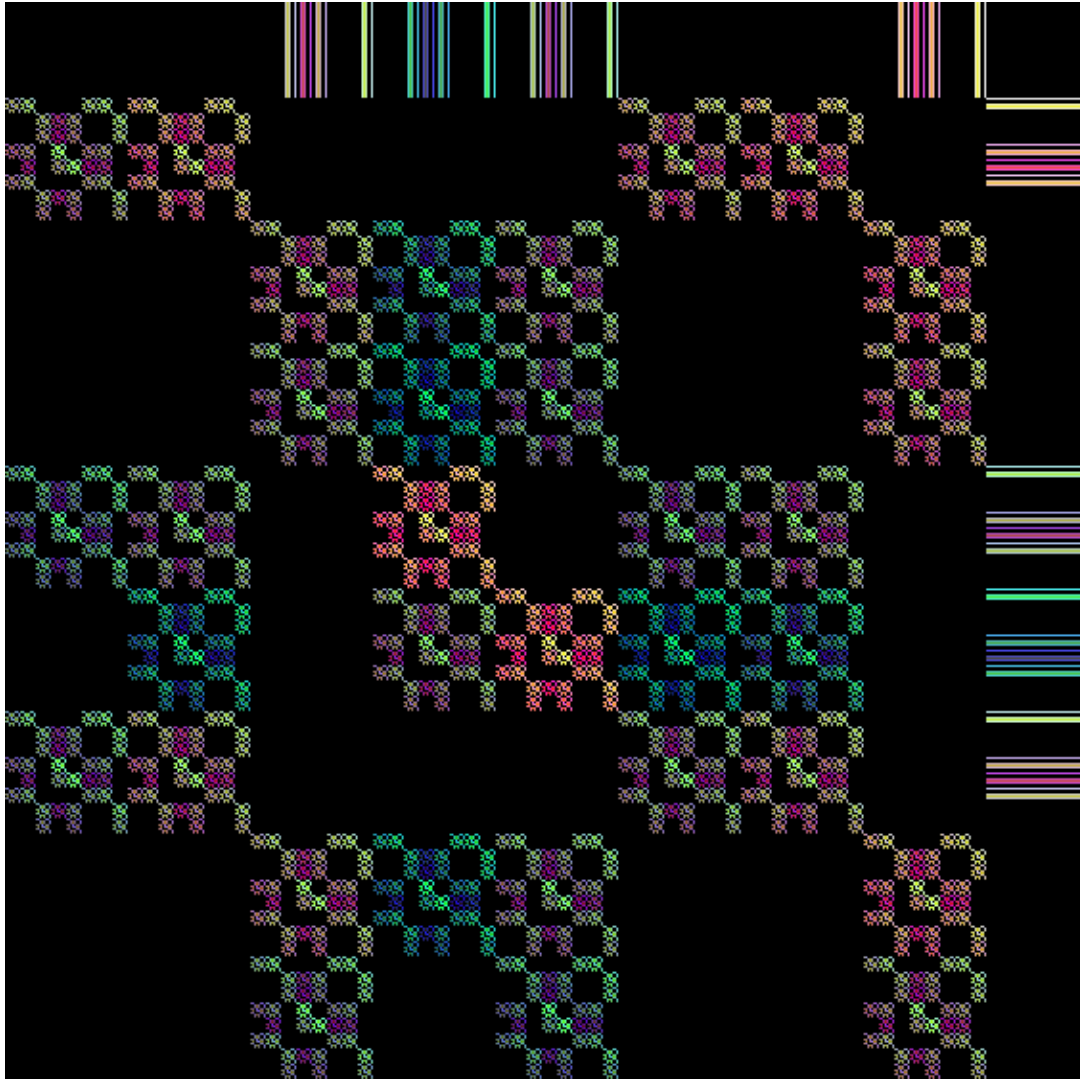
30 0.7626 0.6424 0.1811 -0.2081 -0.06390 -0.5213 -0.3094 0.1838



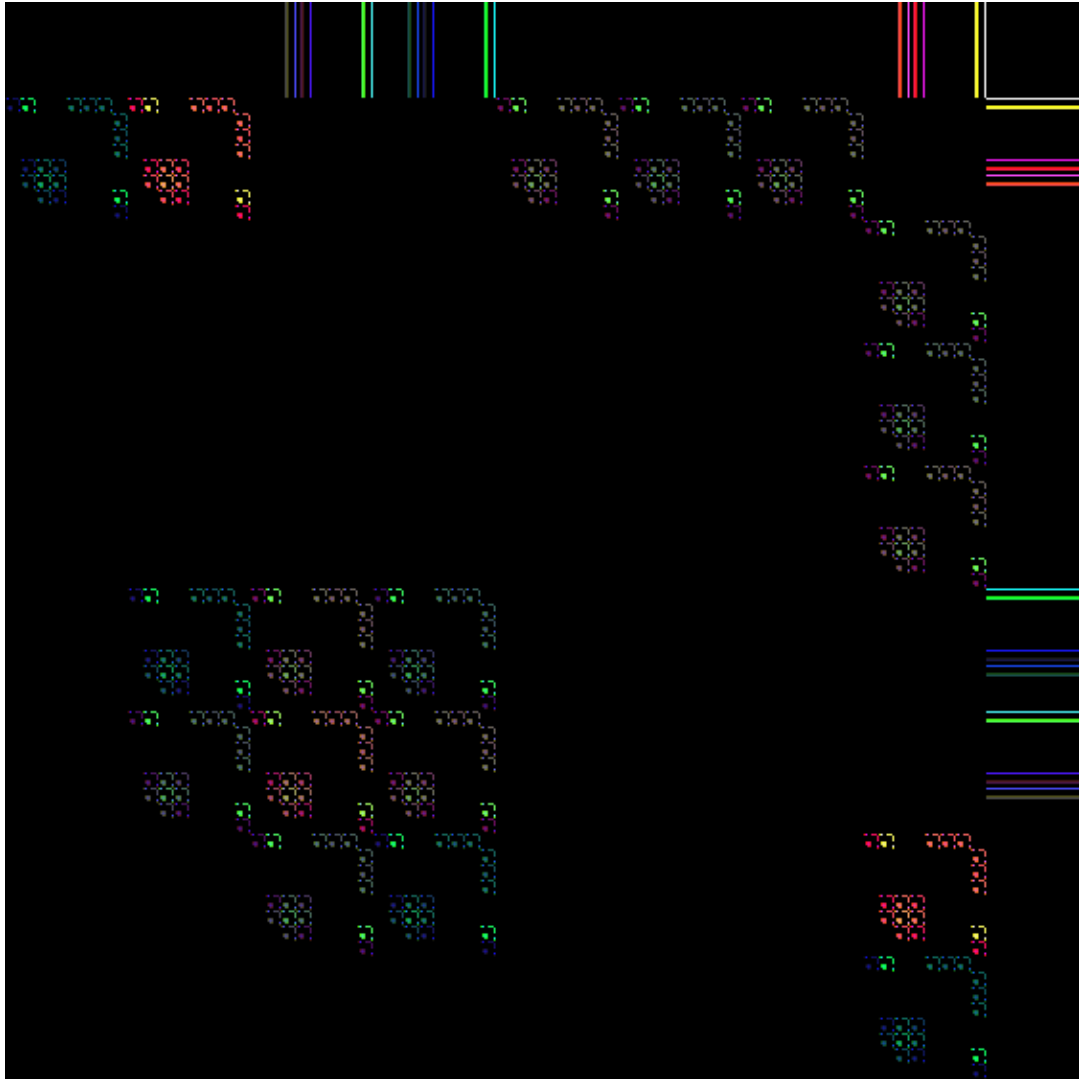
31 0.2251 0.5157 -0.9050 -0.6743 0.7458 -0.7221 -0.7751 -0.4217



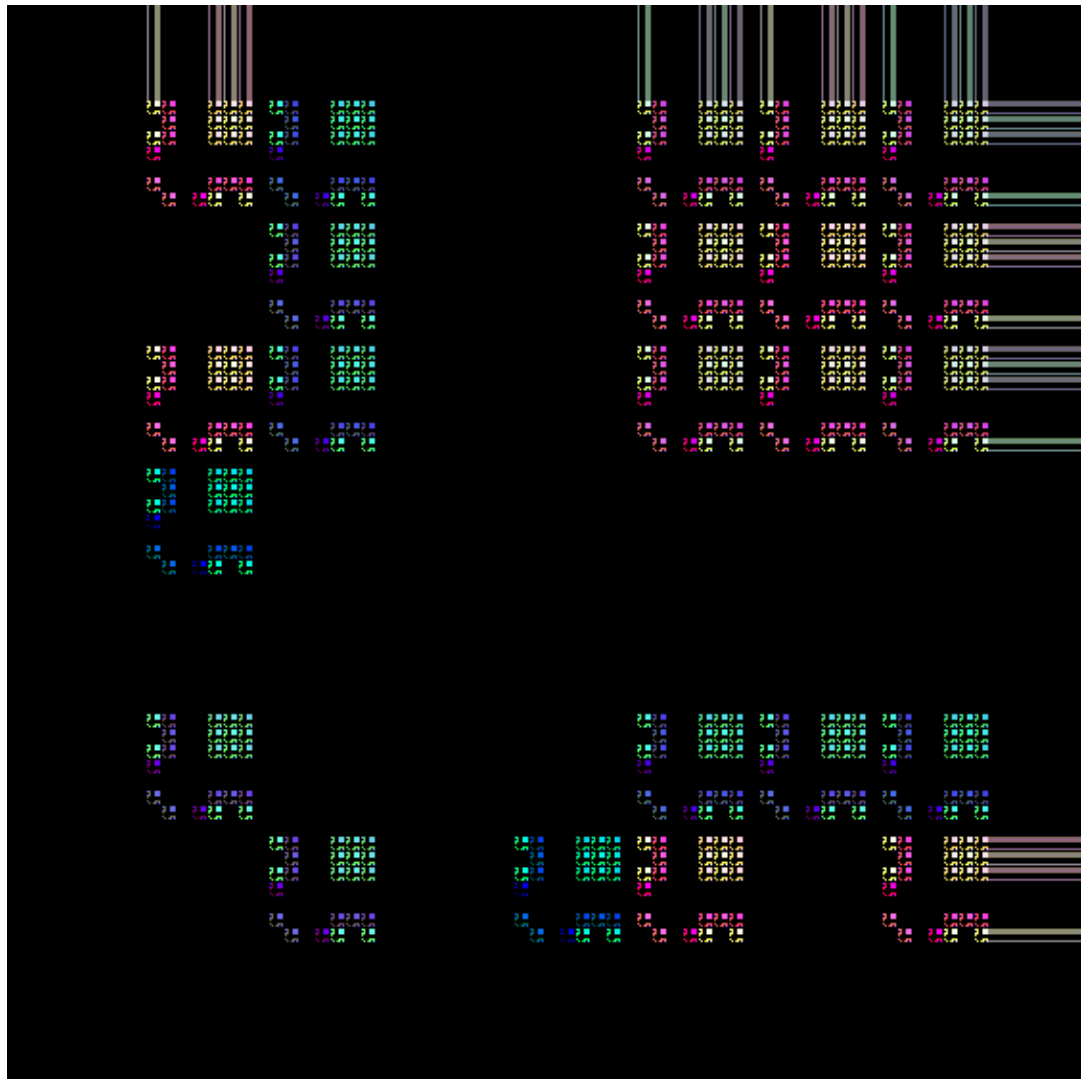
32 -0.3120 -0.1347 0.7668 0.2904 0.6594 -0.2102 -0.08969 0.9309



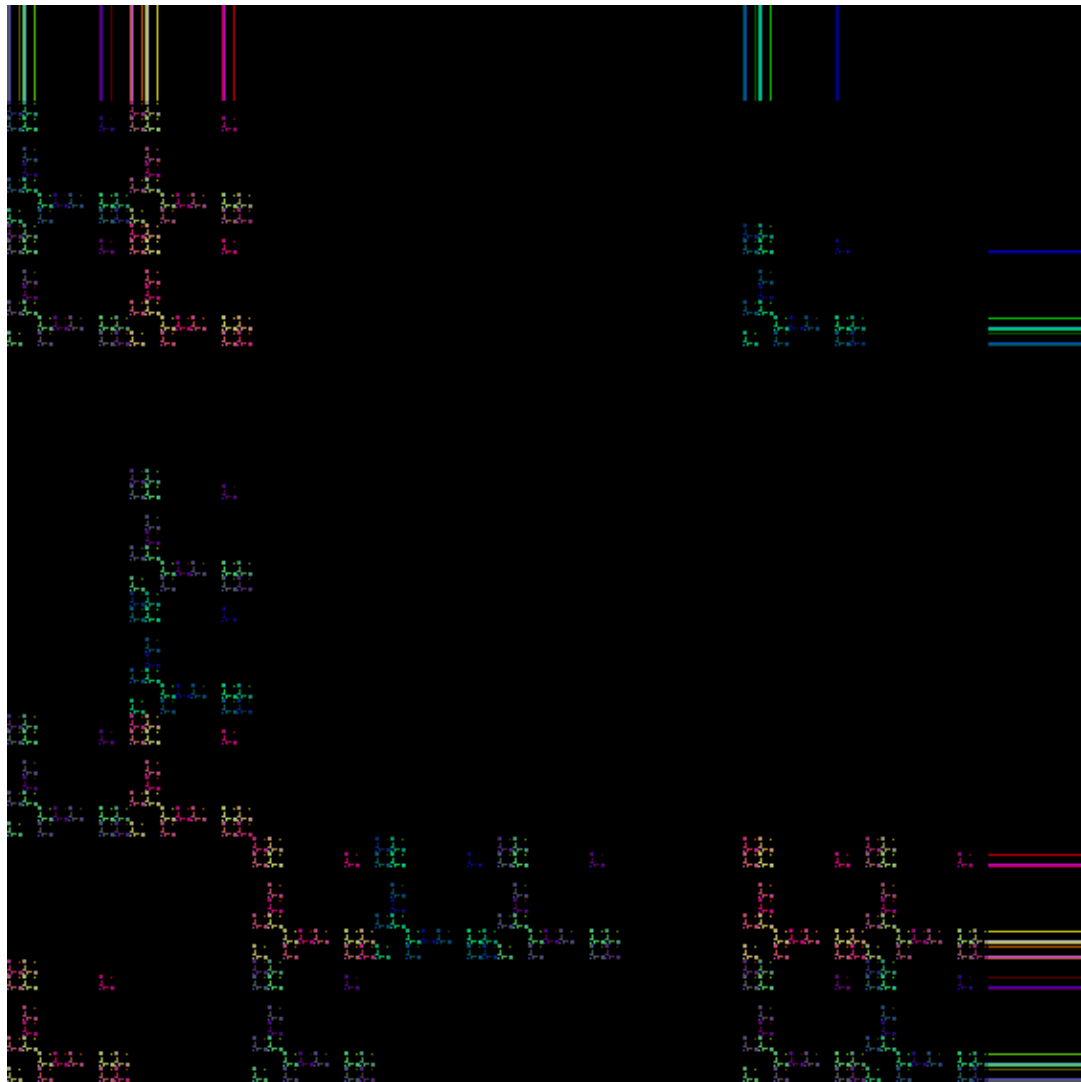
33 -0.8730 -0.01303 0.3015 0.1184 -0.5242 -0.6152 -0.5616 0.9452



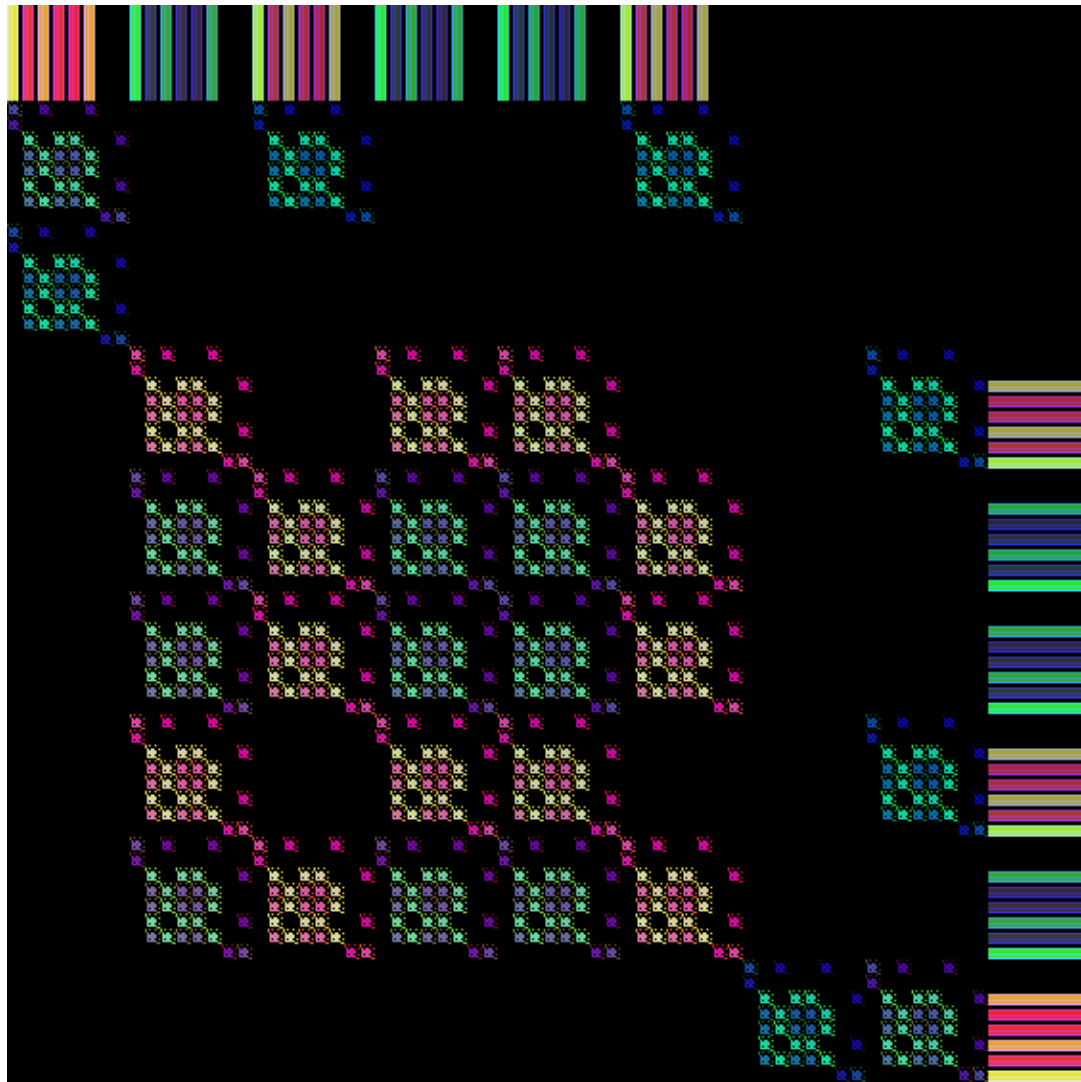
34 -0.5944 0.5474 -0.1379 -0.9829 -0.5308 0.4322 0.5007 0.4034



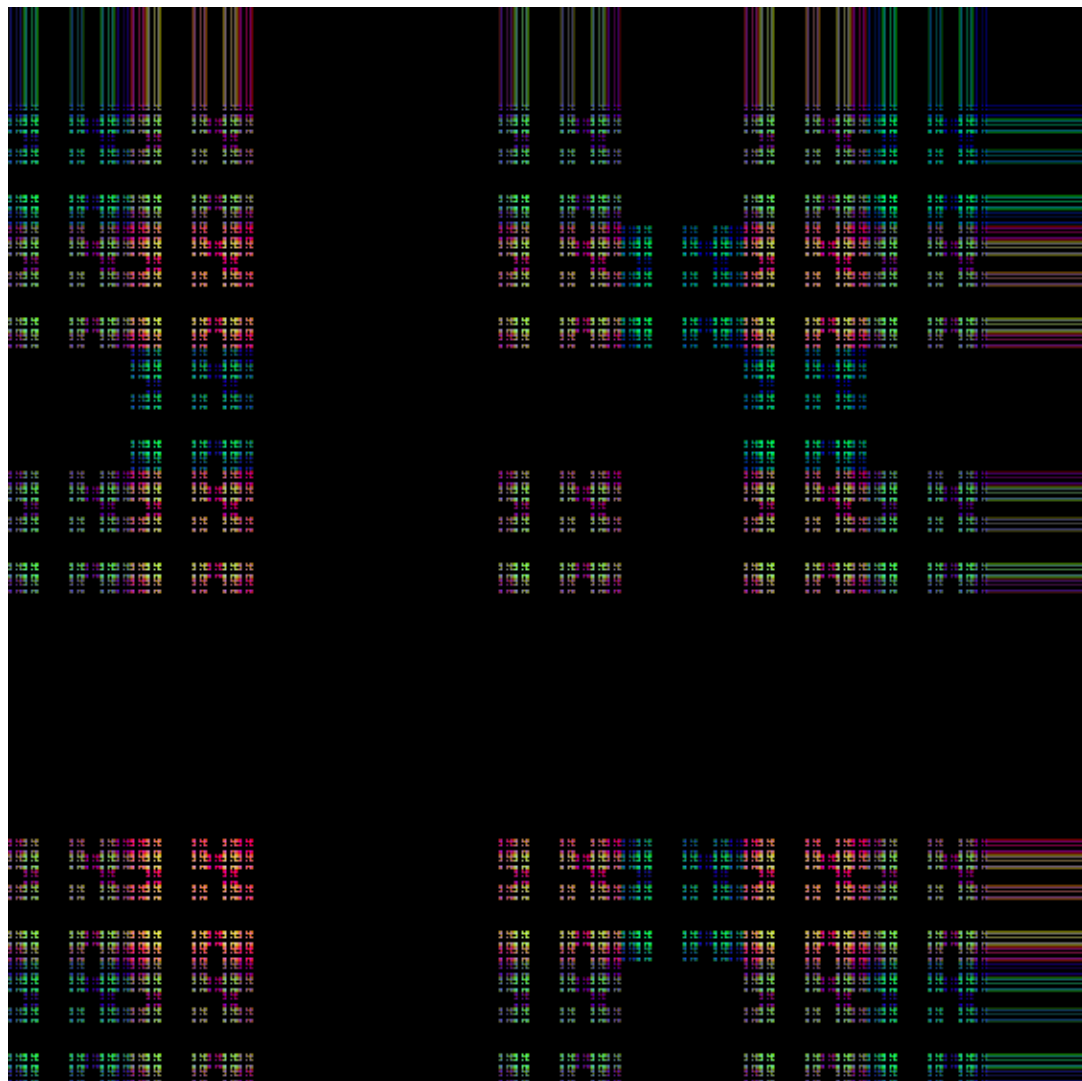
35 0.3381 0.7426 -0.03174 -0.6812 -0.4480 -0.8410 0.01981 -0.1752



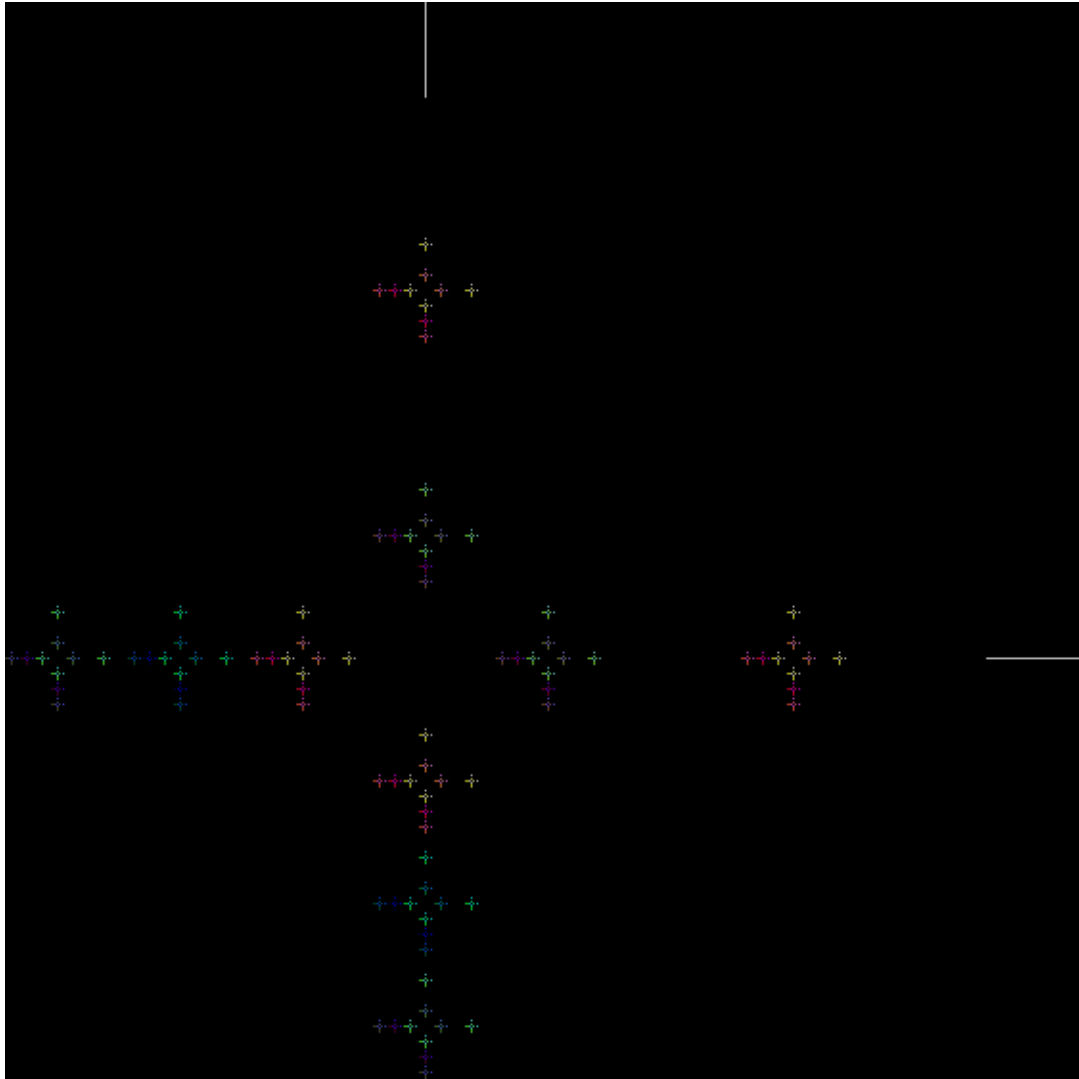
36 0.8781 0.2422 0.6311 0.1987 0.1735 0.6261 -0.7609 -0.5696



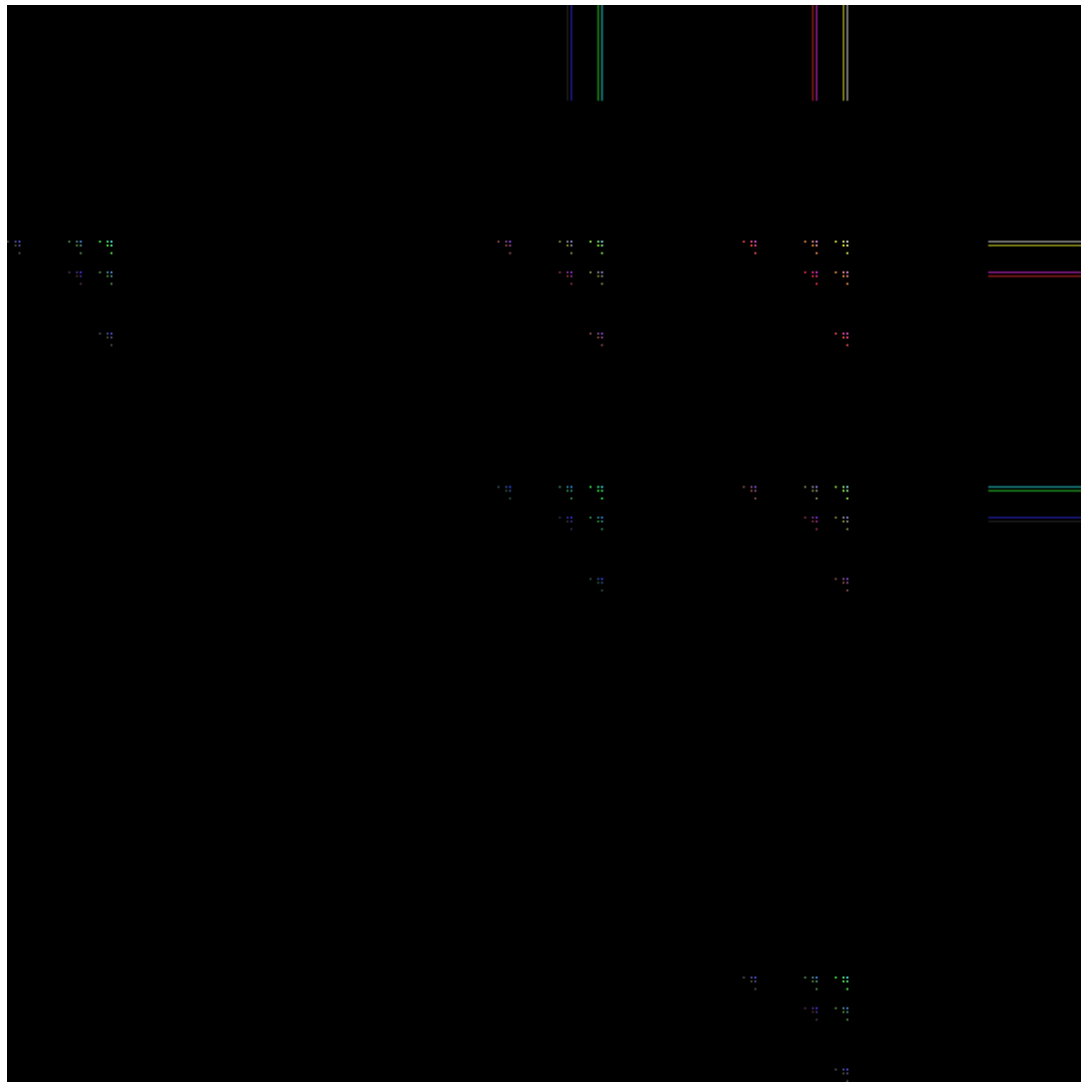
37 0.09073 0.4273 -0.5063 -0.5582 0.2375 -0.3377 0.3447 0.01306



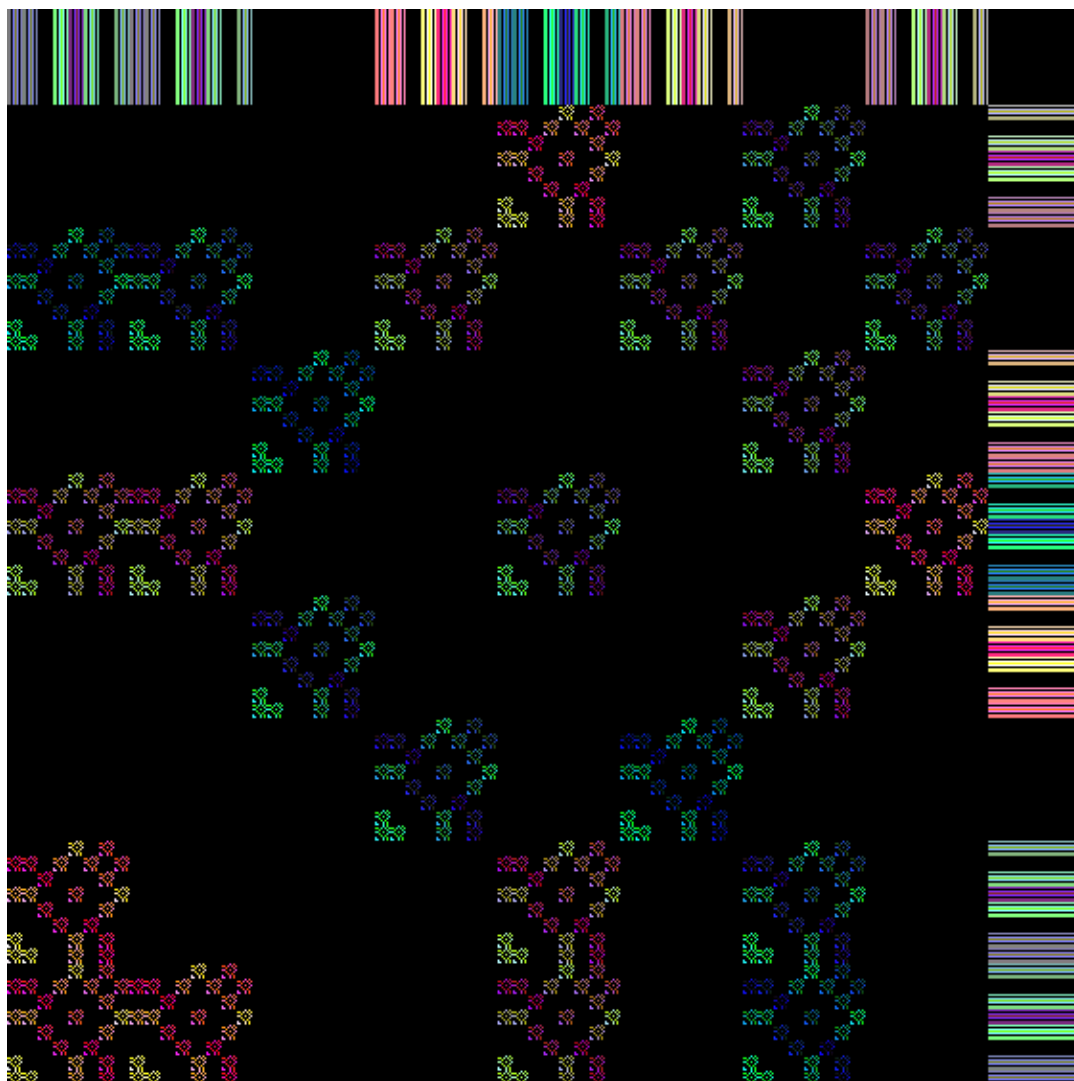
38	-0.4734	-0.7160	-0.08075	0.7159	-0.3605	-0.7980	-0.06345	-0.9183
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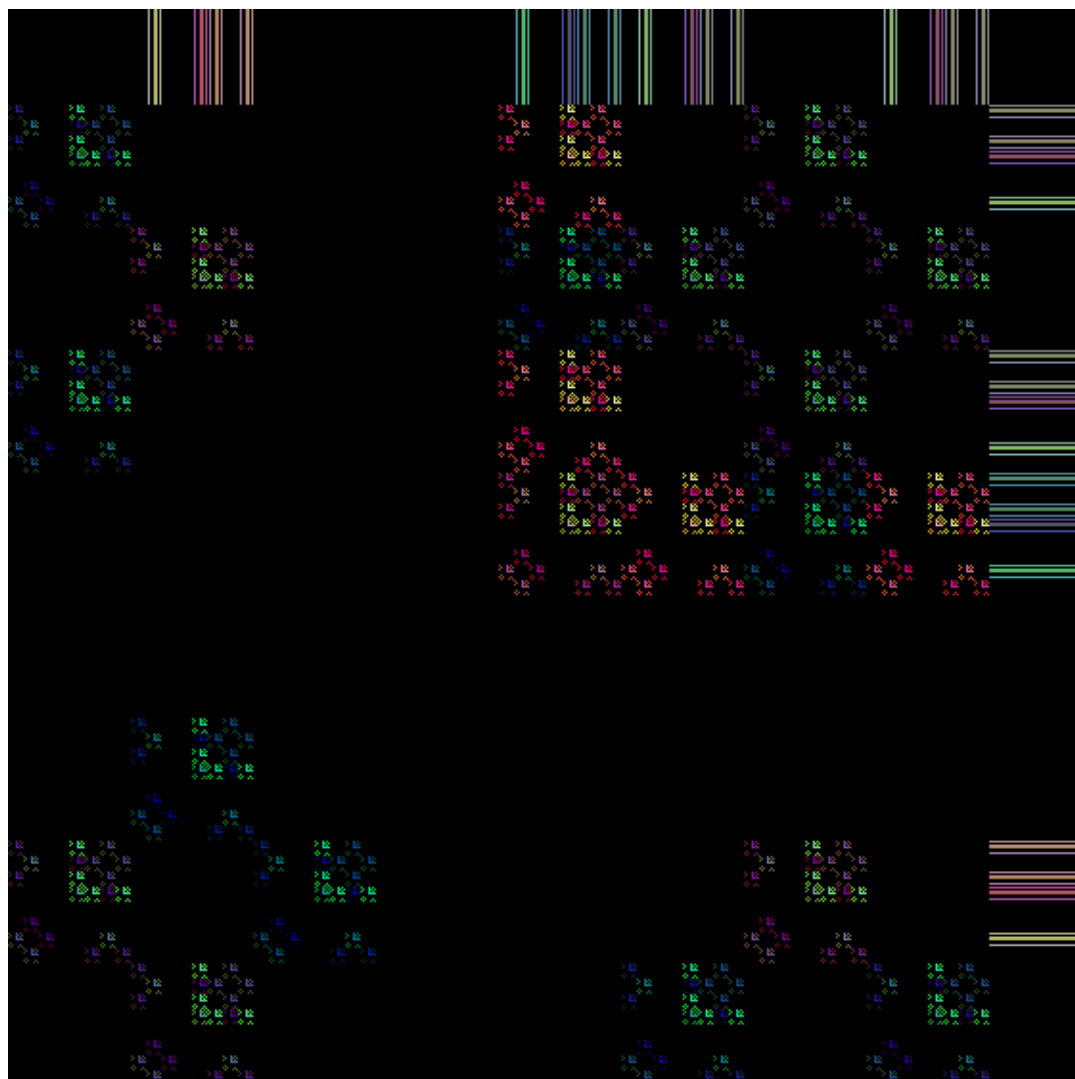
39 -0.1641 -0.9587 -0.6788 -0.5867 0.09668 -0.8648 0.4818 -0.6045



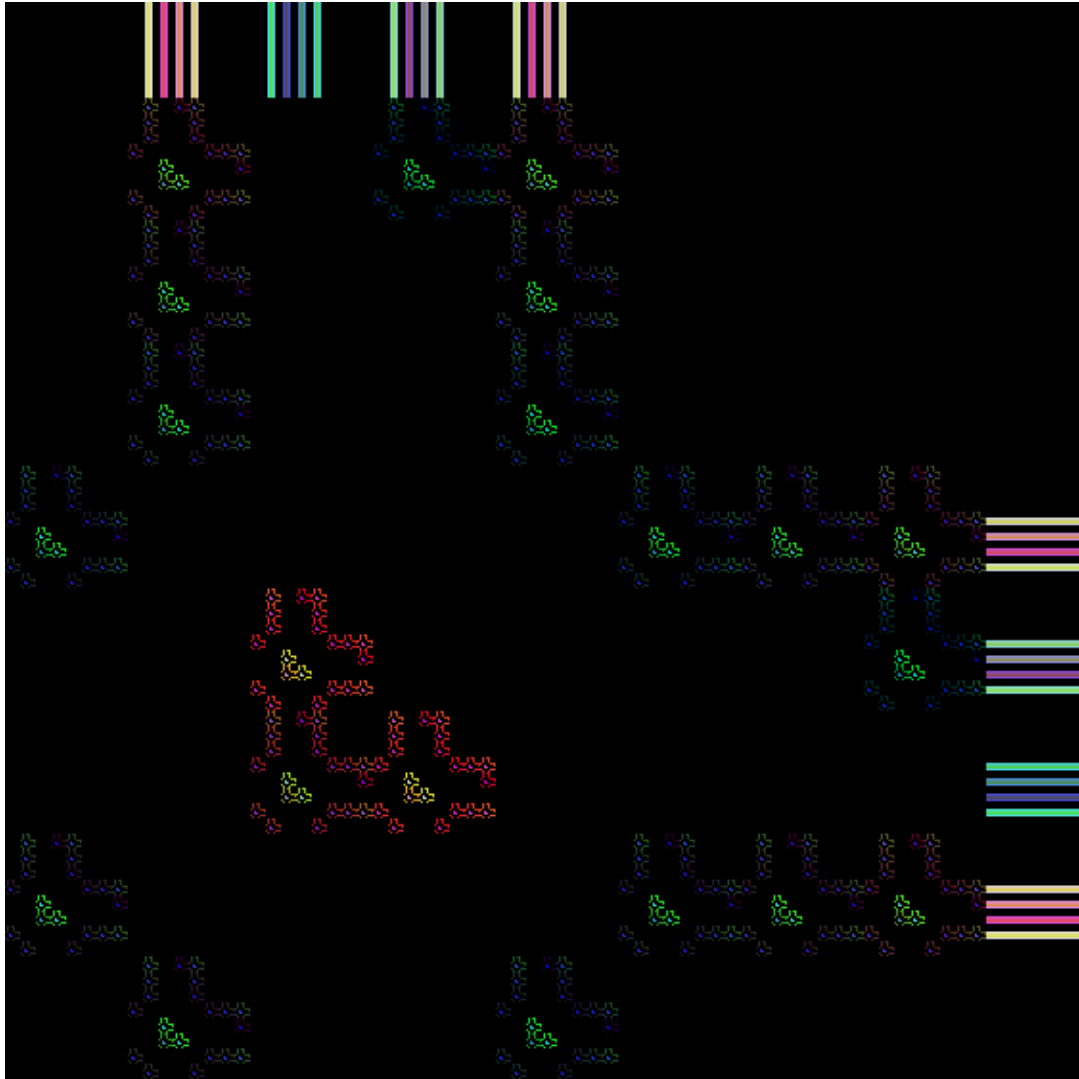
40 0.4791 0.5281 -0.8119 0.9869 0.1841 0.8489 -0.4026 0.6989



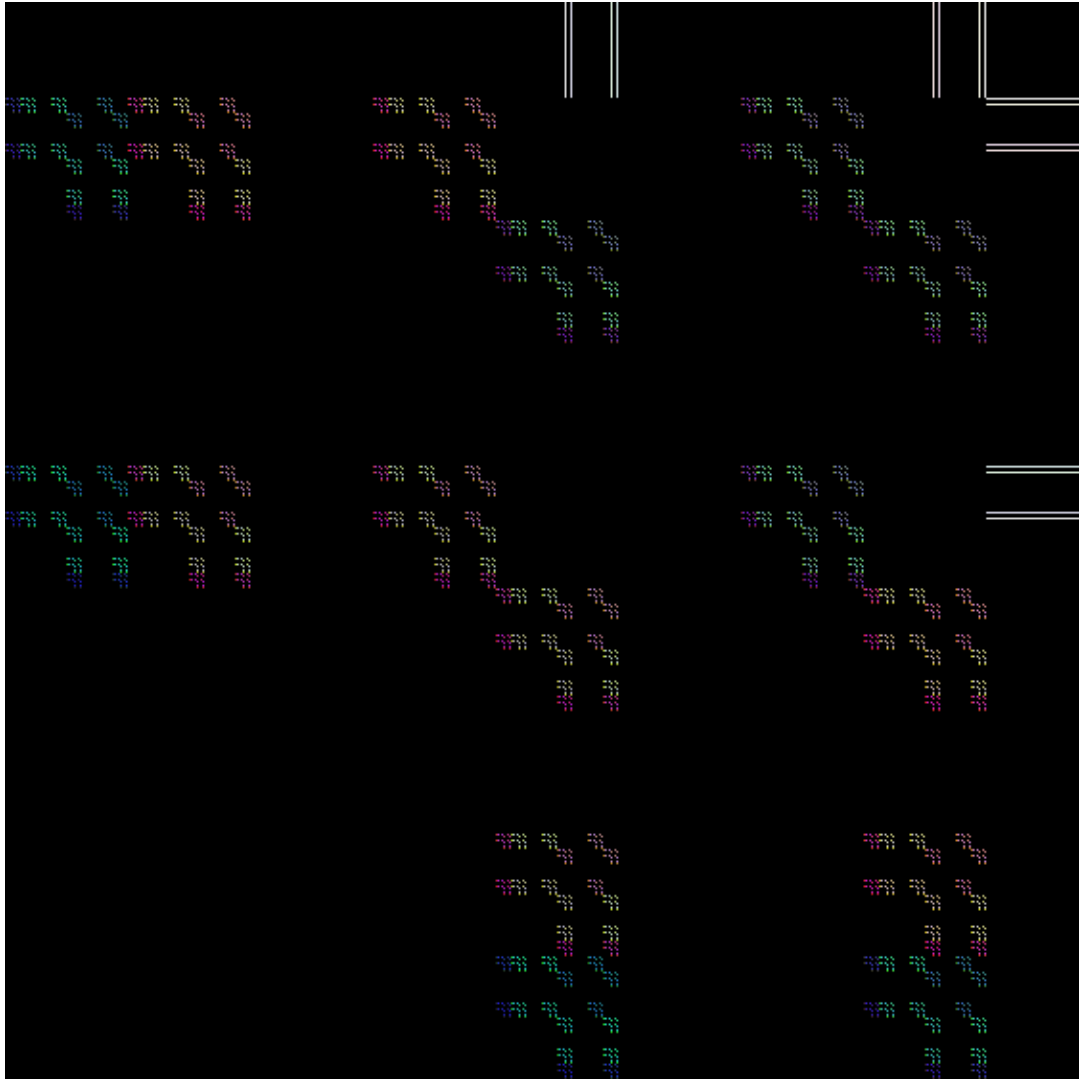
41 -0.4102 0.7110 -0.6809 -0.9612 0.3148 0.5291 -0.2623 0.5545



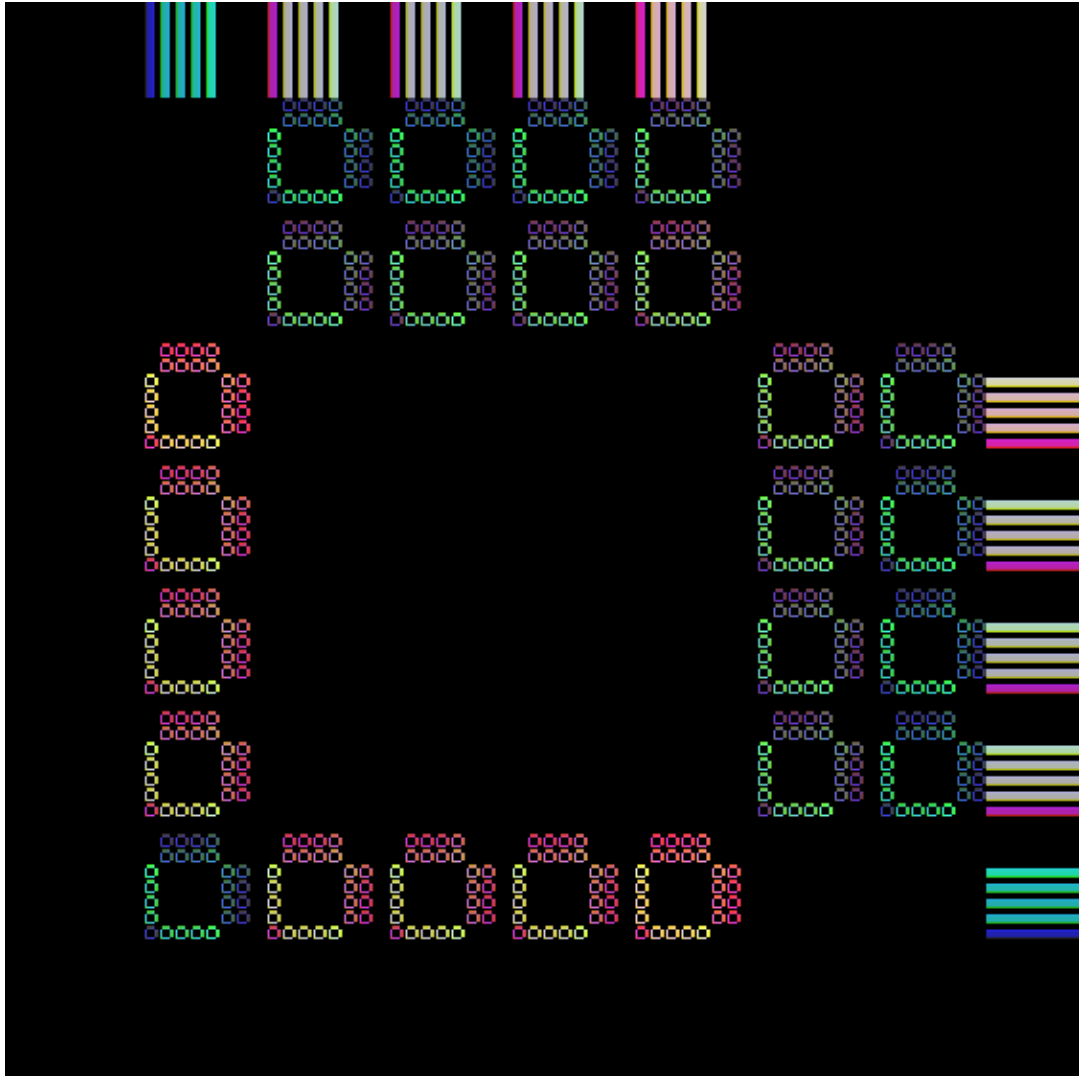
42 -0.6769 0.8488 0.2828 0.5527 0.7976 -0.7148 -0.6573 -0.5256



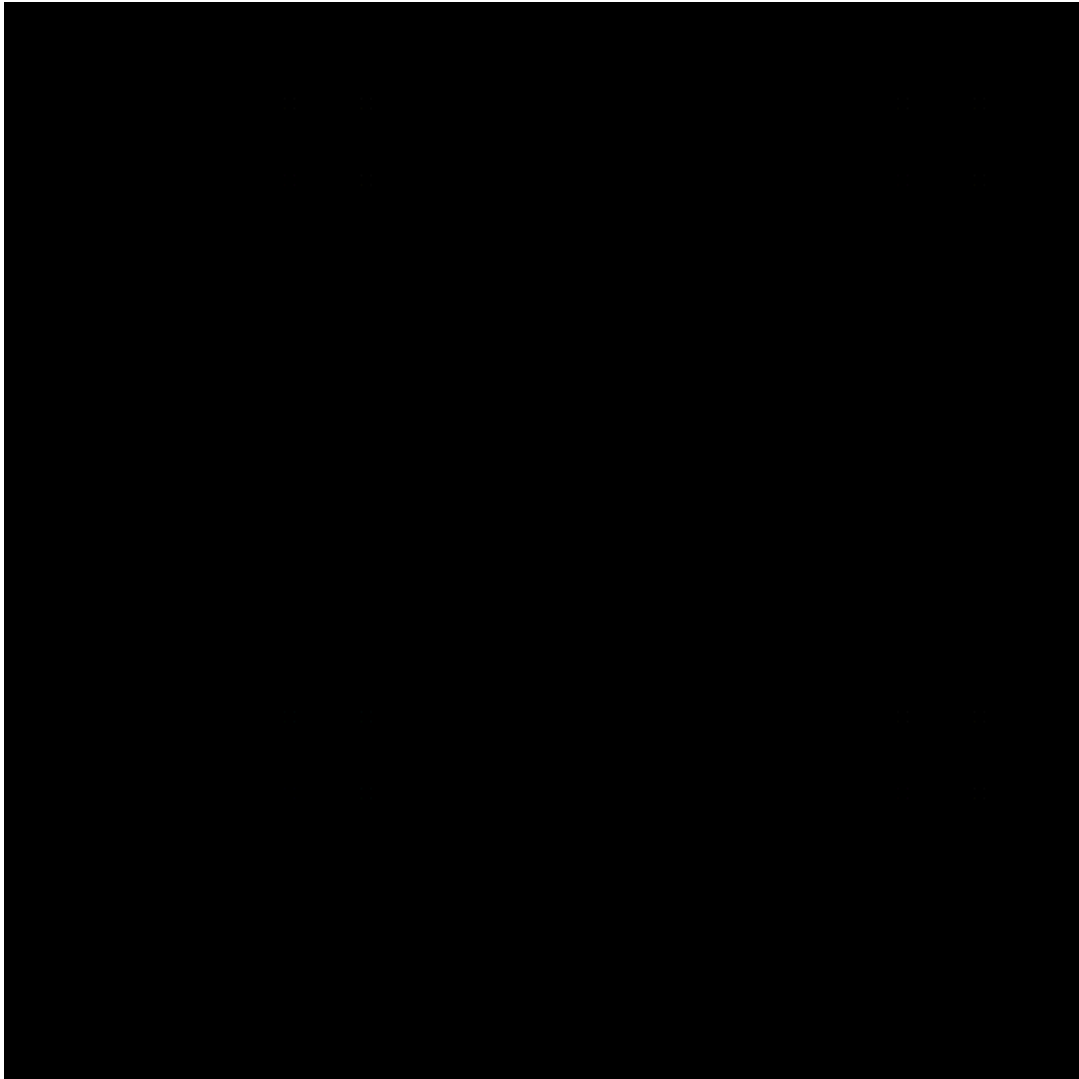
43 -0.6722 -0.1061 -0.9734 -0.1115 0.8142 -0.9413 -0.3714 0.9001



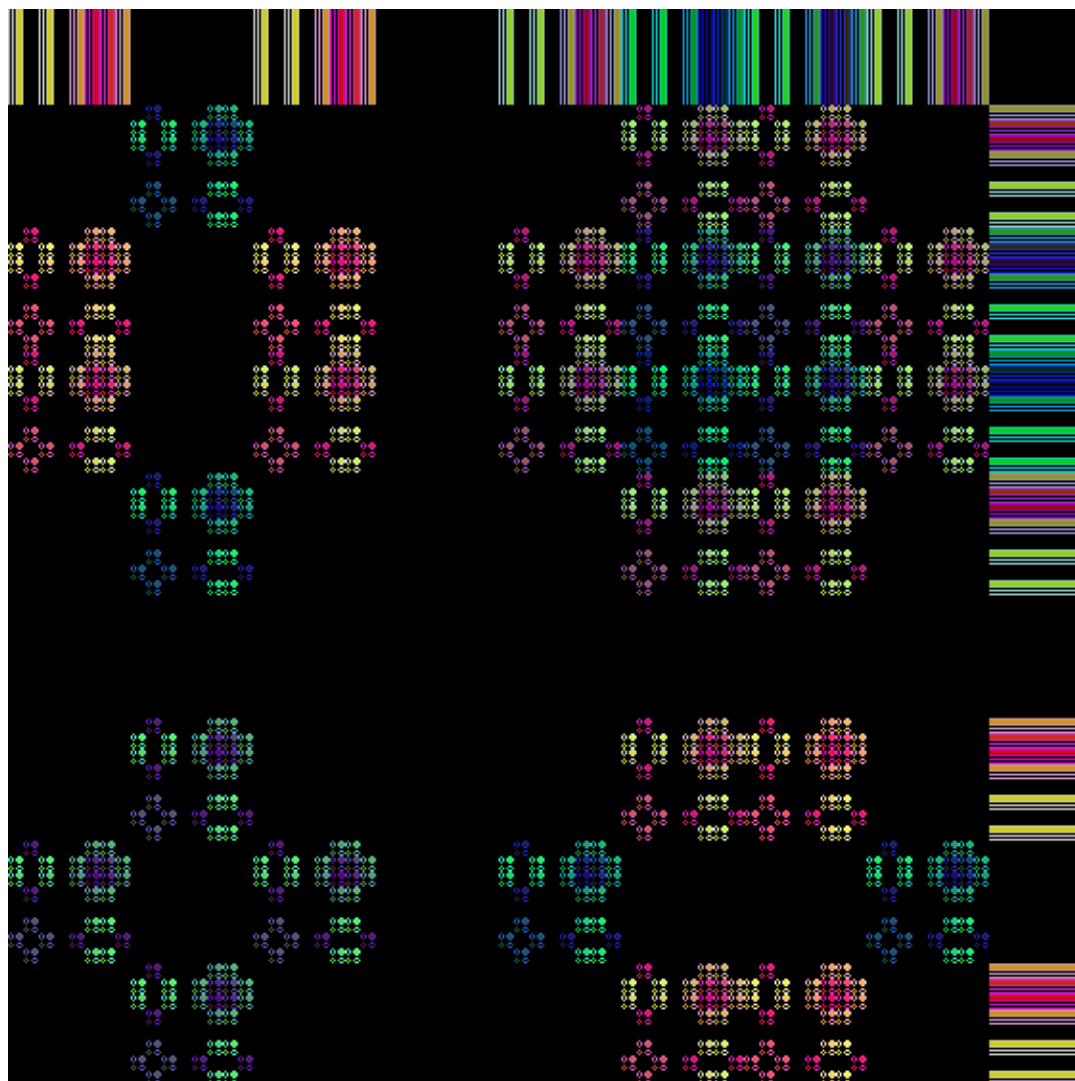
44 -0.9893 0.1355 0.6729 0.6583 0.6956 0.8200 -0.2465 -0.4344



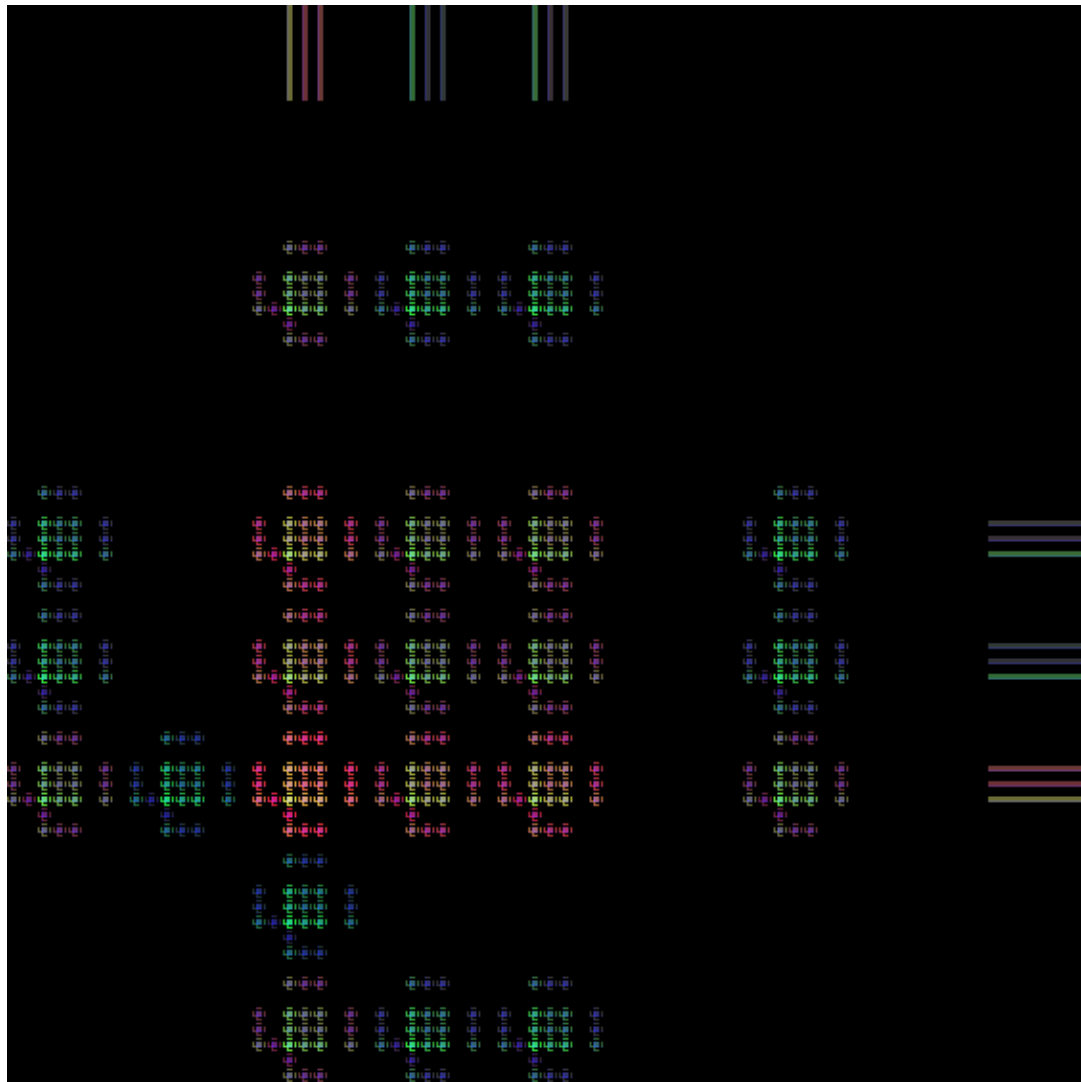
45 -0.2849 -0.6468 0.01141 -0.6692 -0.8805 -0.5924 -0.2739 0.02347



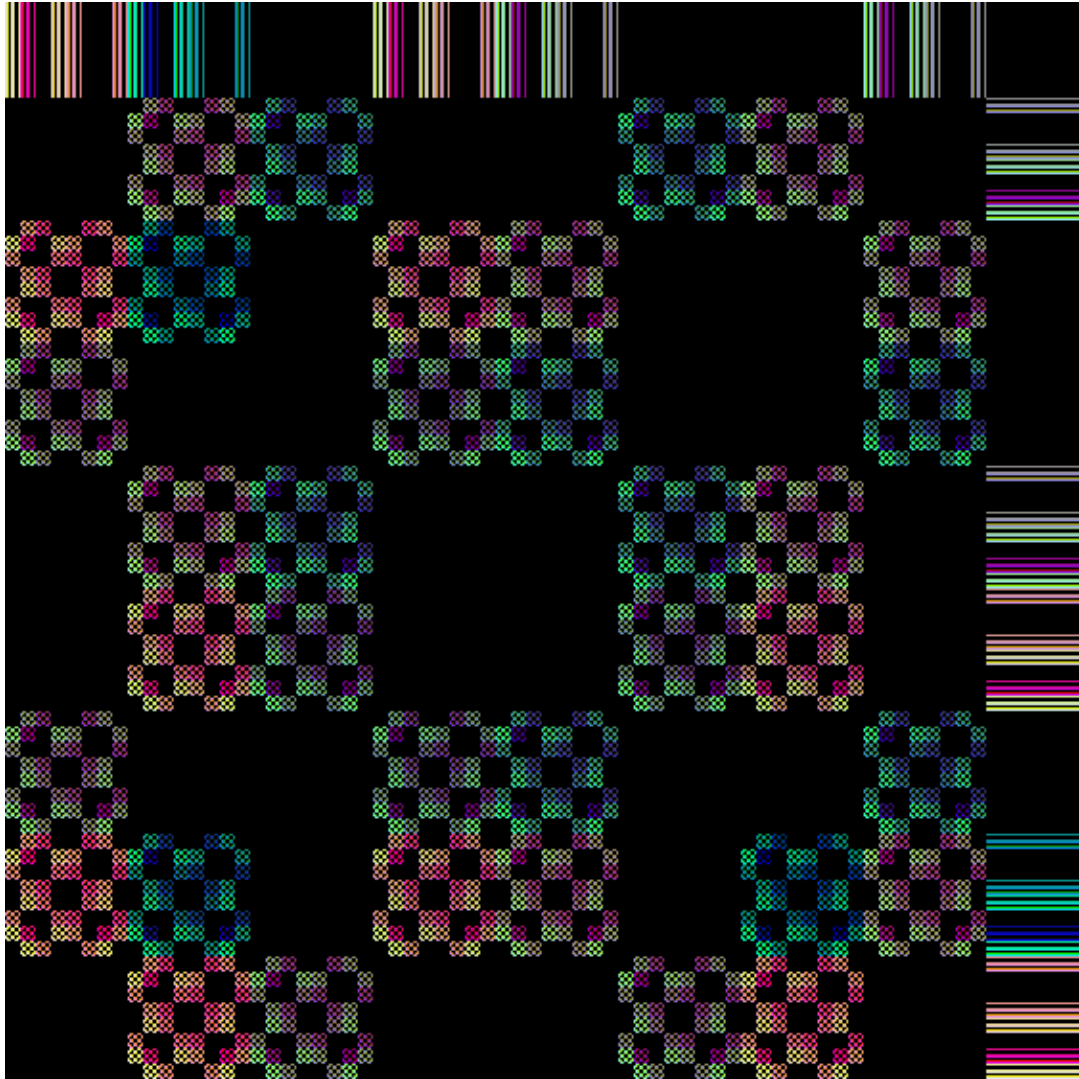
46 0.8090 -0.4346 0.7990 -0.8402 0.5717 0.04364 0.1564 0.5896



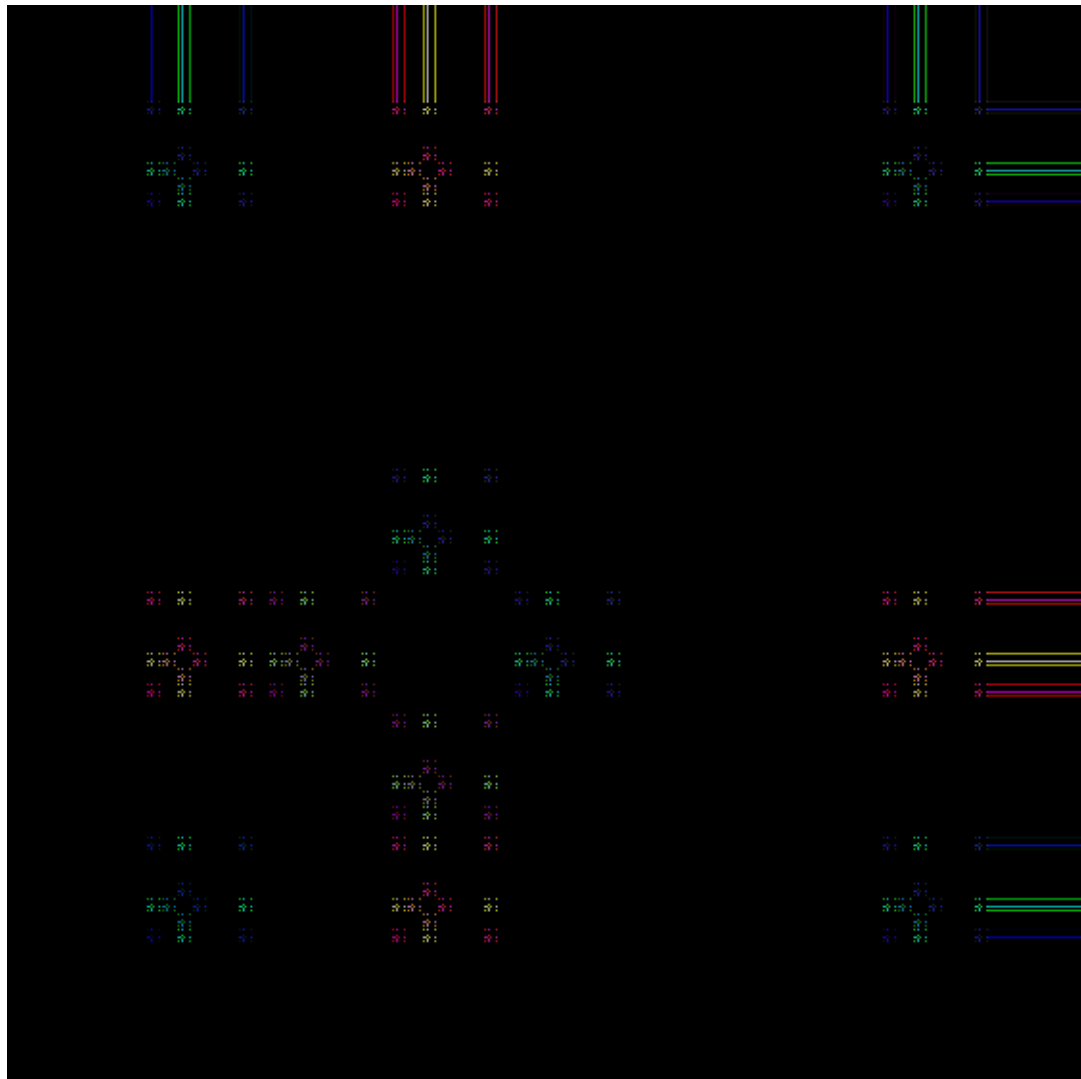
47 -0.009552 -0.2617 0.4131 0.2004 0.2188 -0.4435 -0.008179 -0.8678



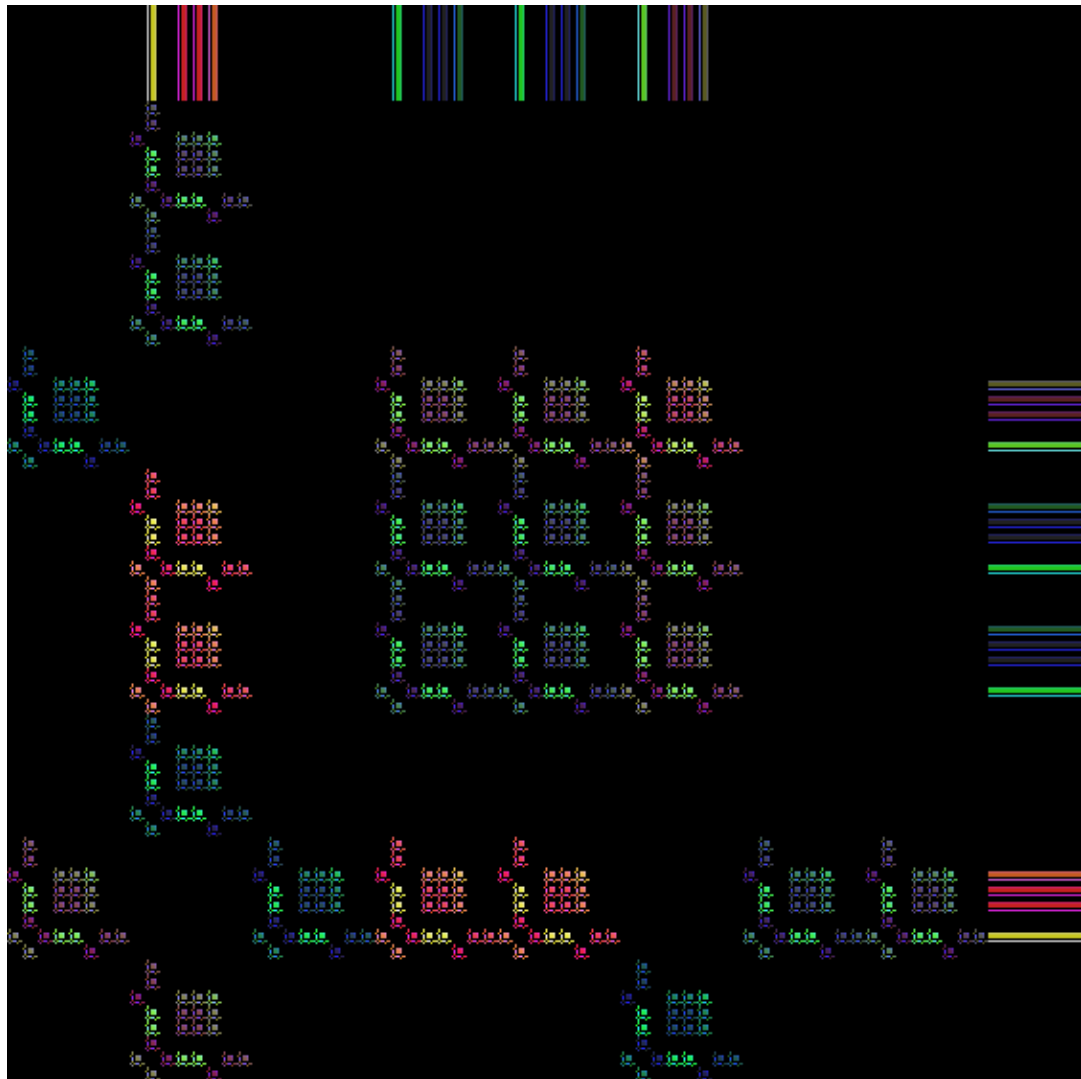
48 0.8953 0.03824 -0.3602 0.7898 0.5863 -0.3617 -0.01773 0.5565



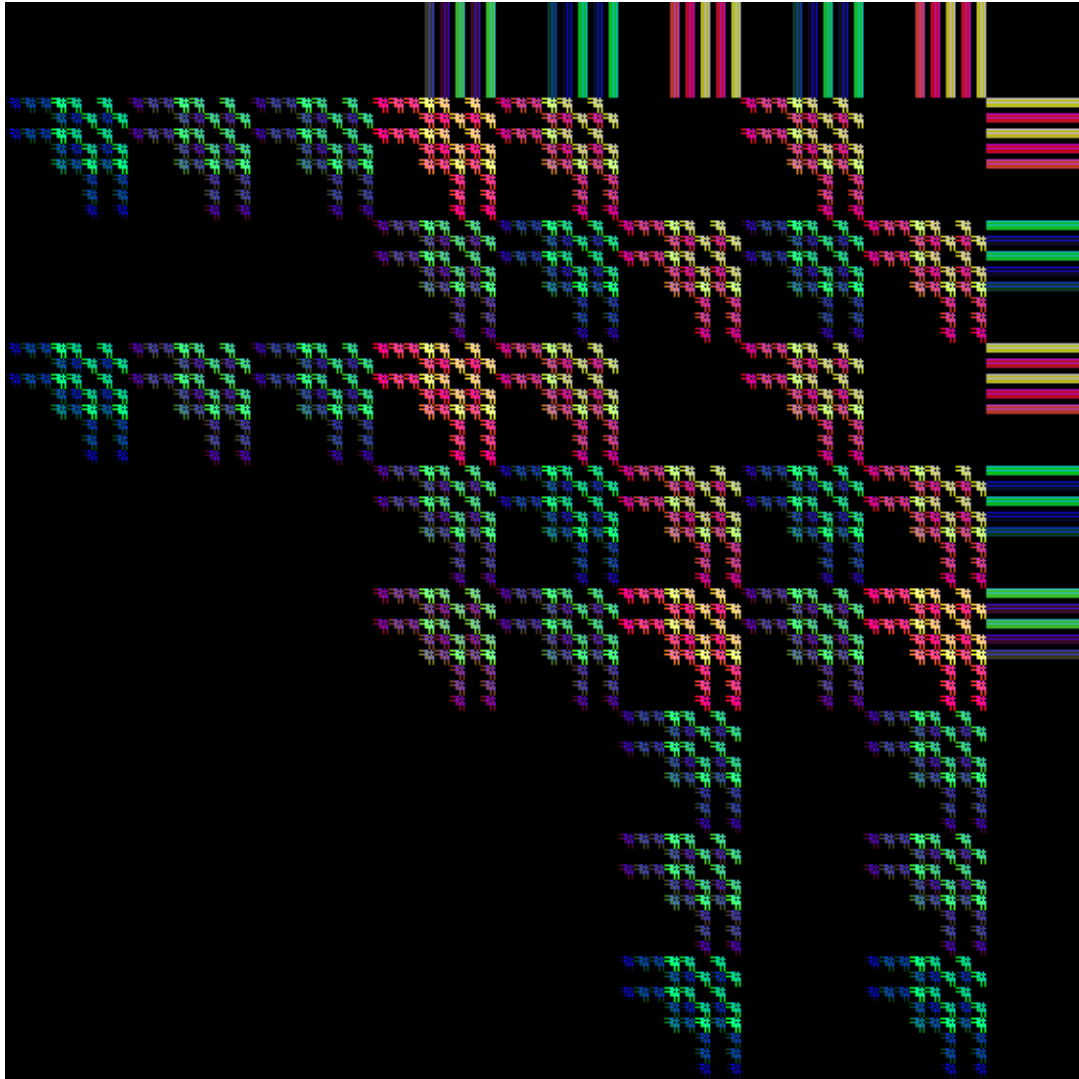
49 -0.8485 0.02908 -0.1855 0.6517 -0.5154 -0.7211 -0.9854 0.07846



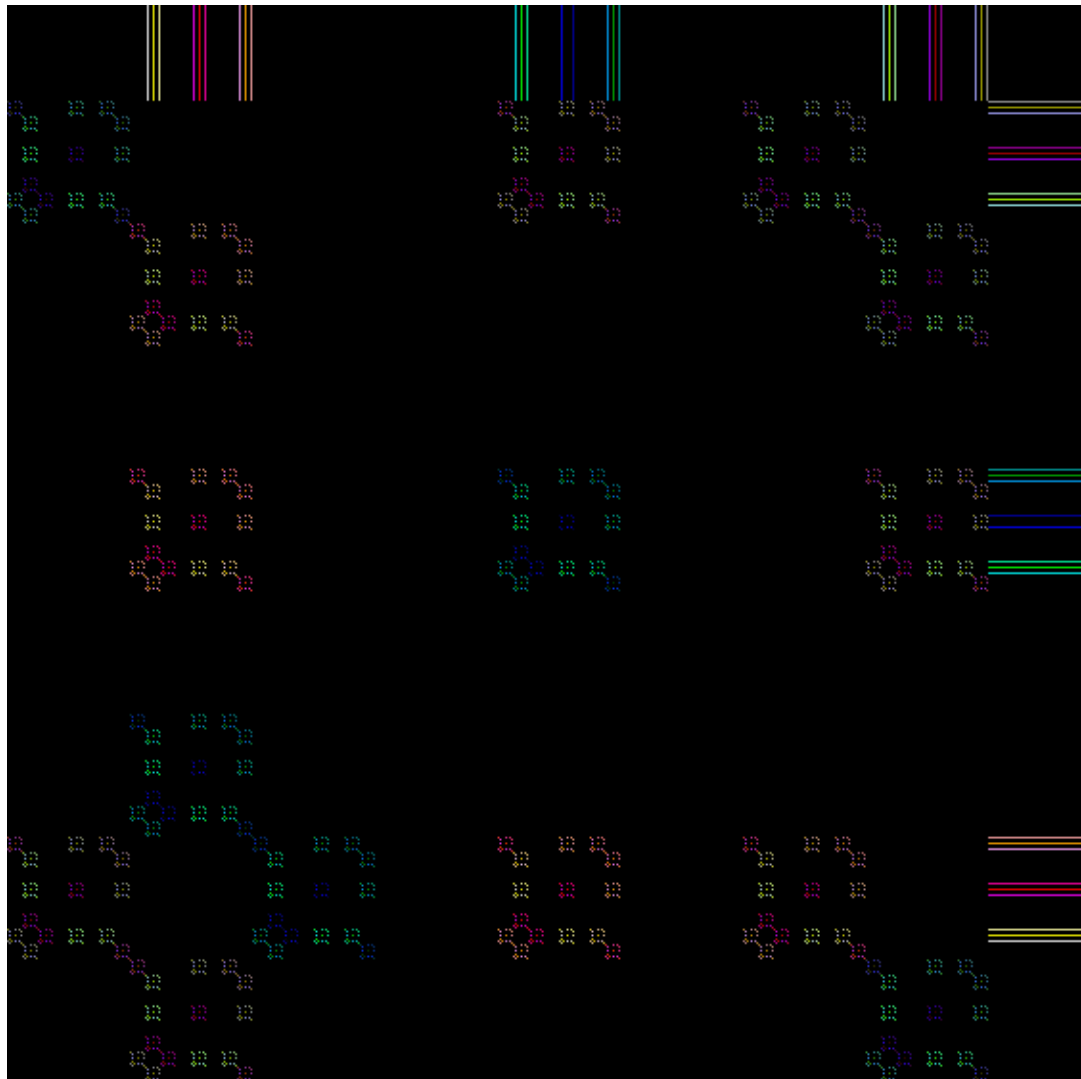
50 -0.2260 0.7543 -0.5909 0.1501 0.1541 0.3604 -0.4749 -0.3962



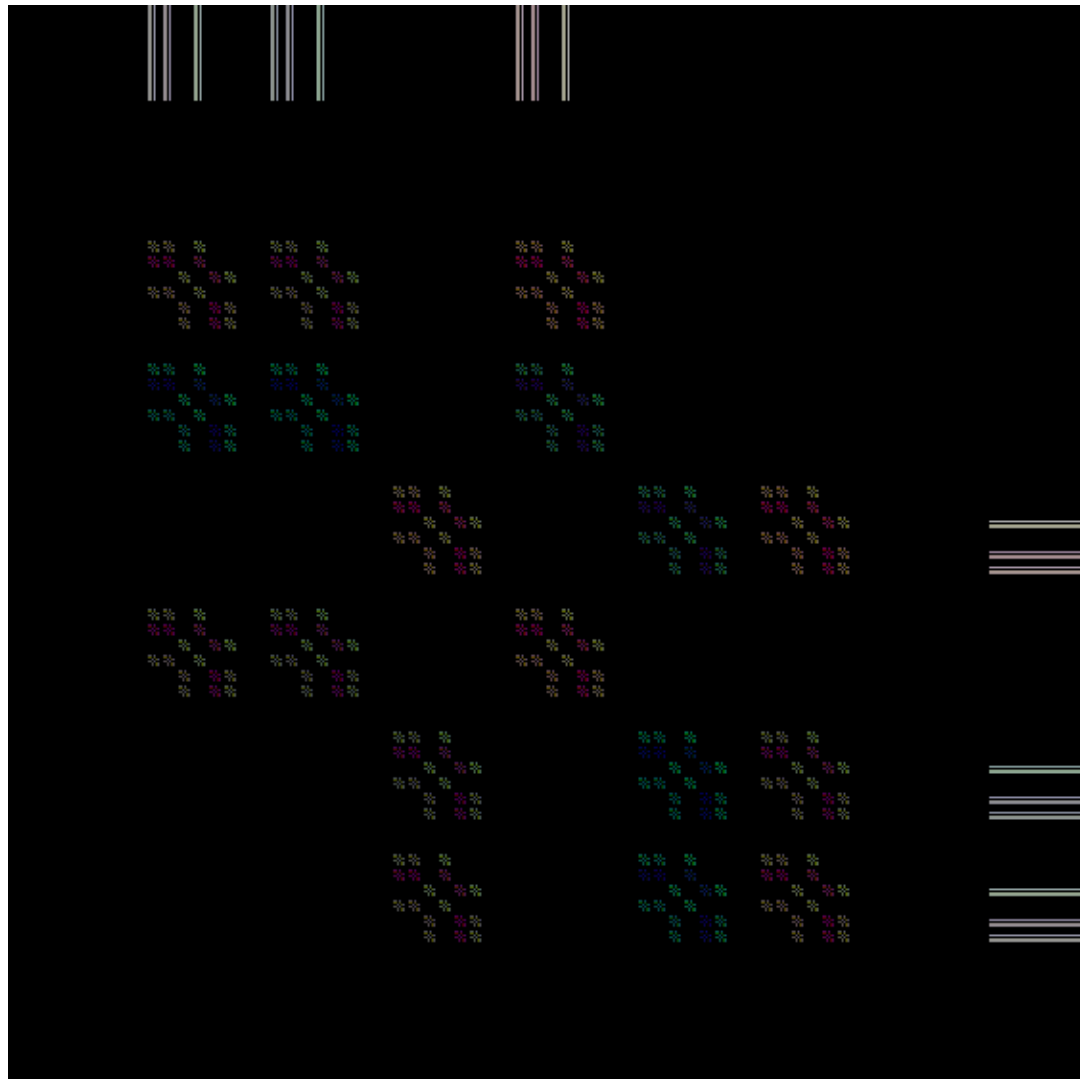
51 -0.6782 -0.4605 -0.5090 0.2404 0.05807 0.7141 0.08212 0.7309



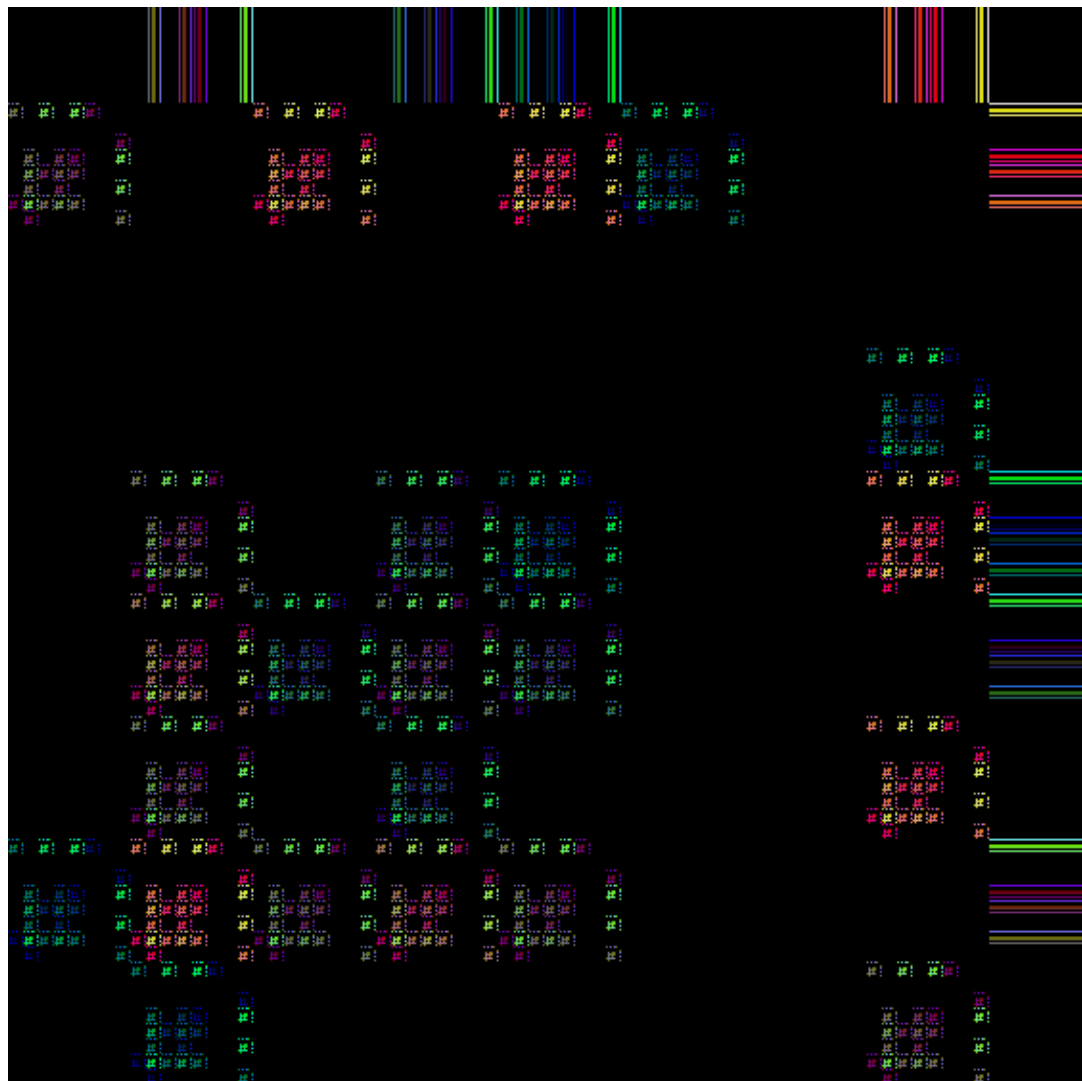
52 -0.3154 0.8195 -0.7671 -0.8676 0.01117 -0.9541 -0.1176 0.5325



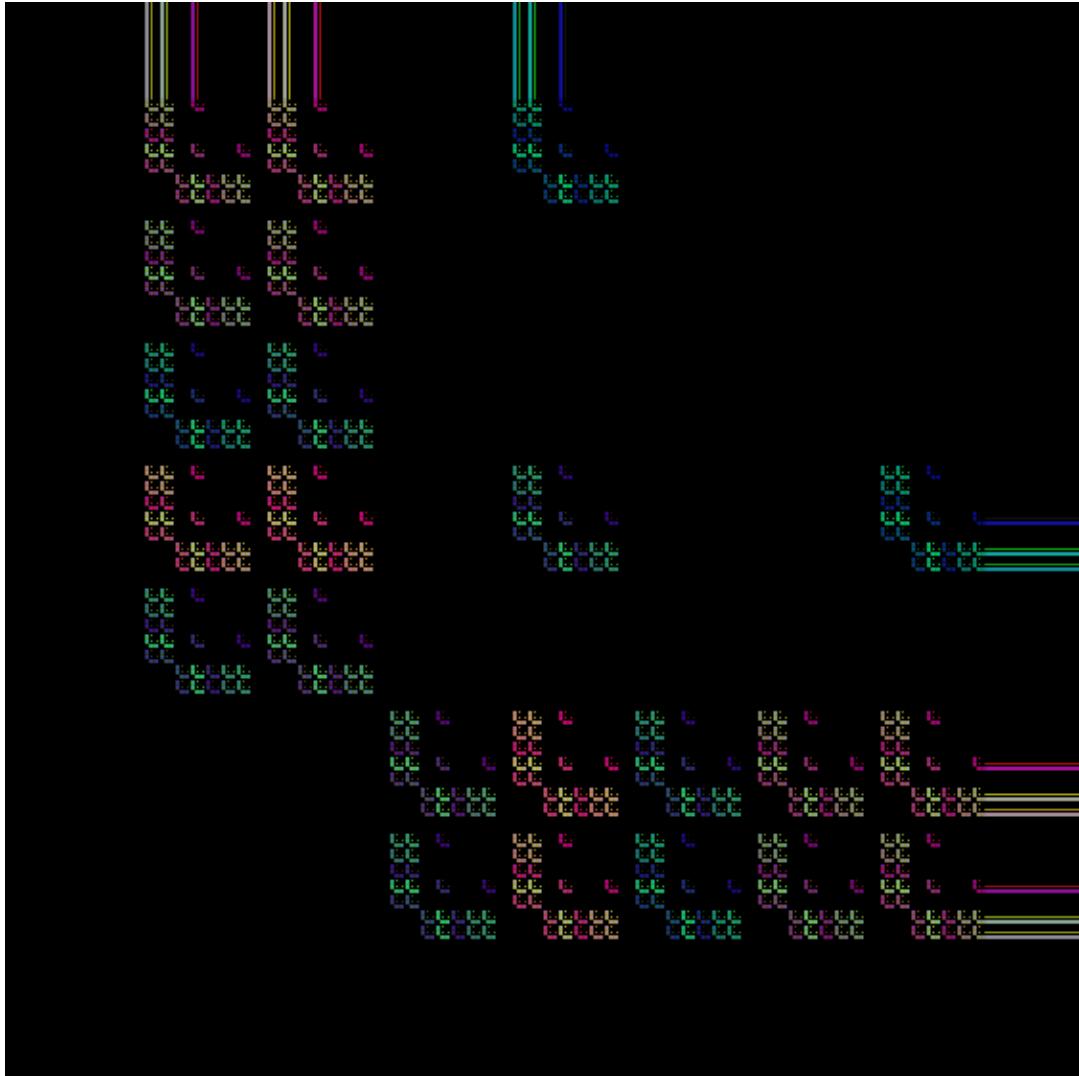
53 -0.8241 0.5789 0.5455 -0.2864 0.6508 -0.5401 -0.2556 -0.8943



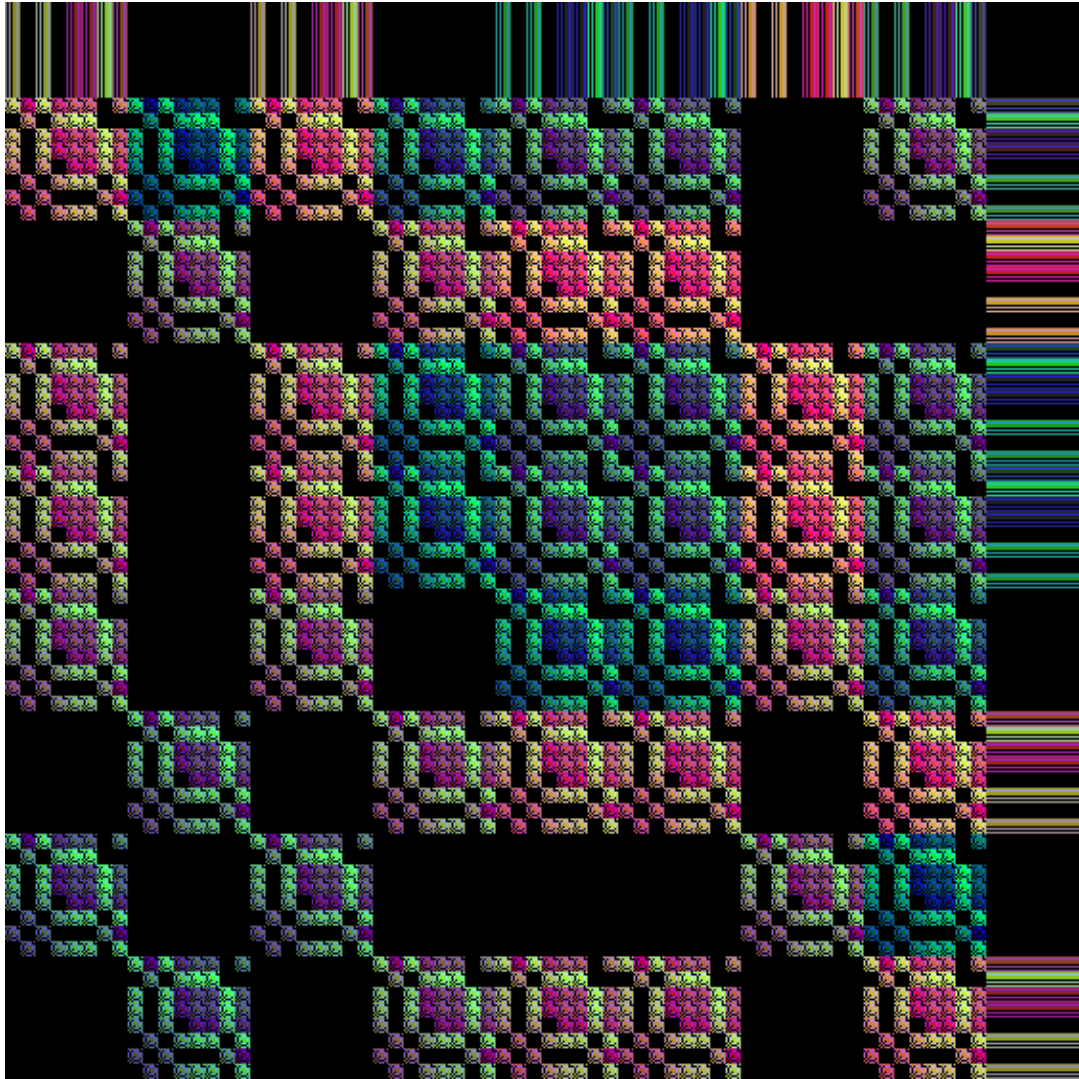
54 -0.4254 0.4197 -0.04053 0.1841 0.009247 -0.8128 -0.9436 0.8673



55 -0.9503 0.5588 0.6323 -0.3436 0.08084 -0.4638 -0.1323 -0.03955



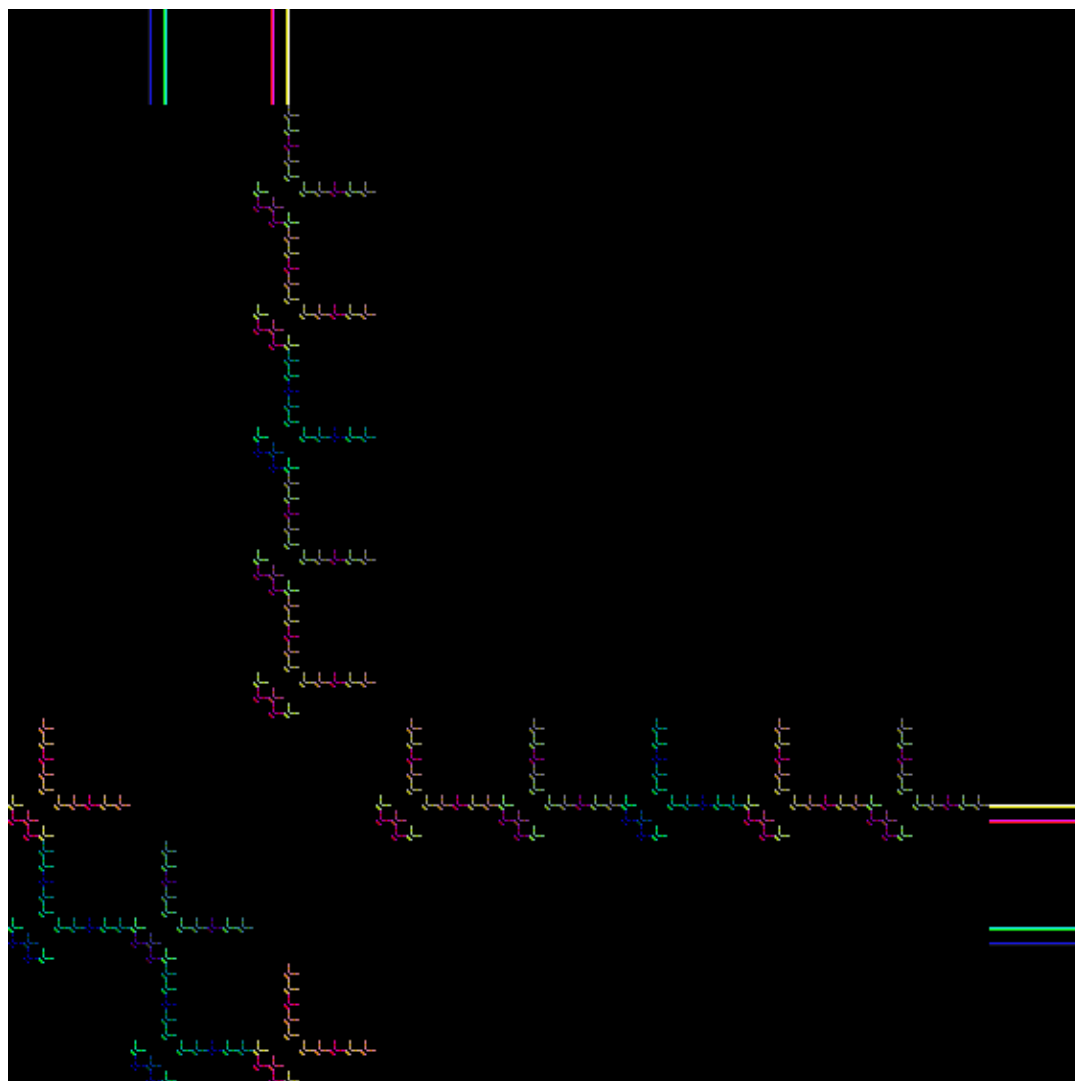
56 0.5464 -0.2215 0.6145 -0.03860 0.1410 0.1468 0.7748 0.2568



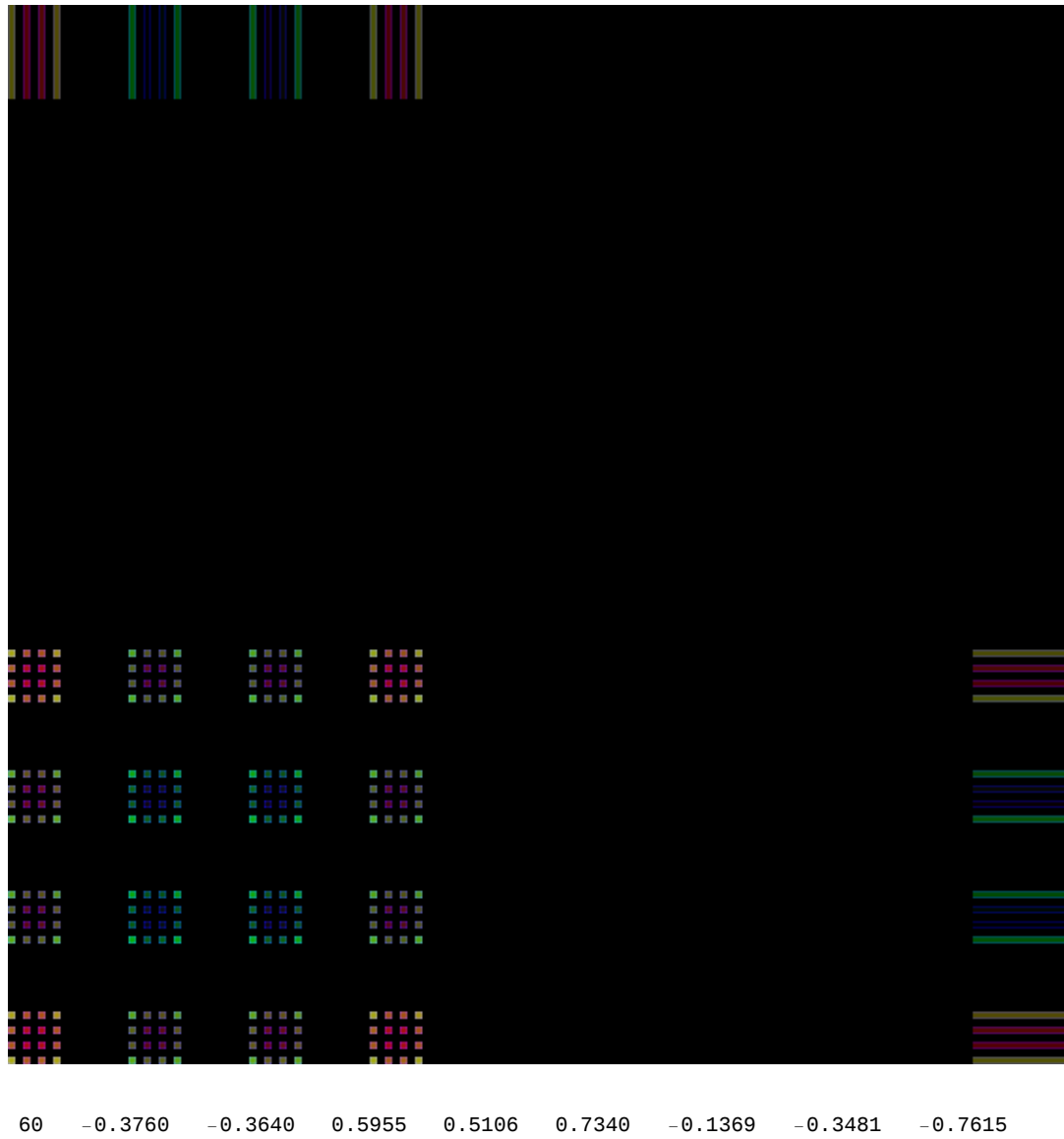
57 -0.2251 -0.5320 0.2589 -0.4937 -0.07224 -0.1064 0.6743 -0.2899

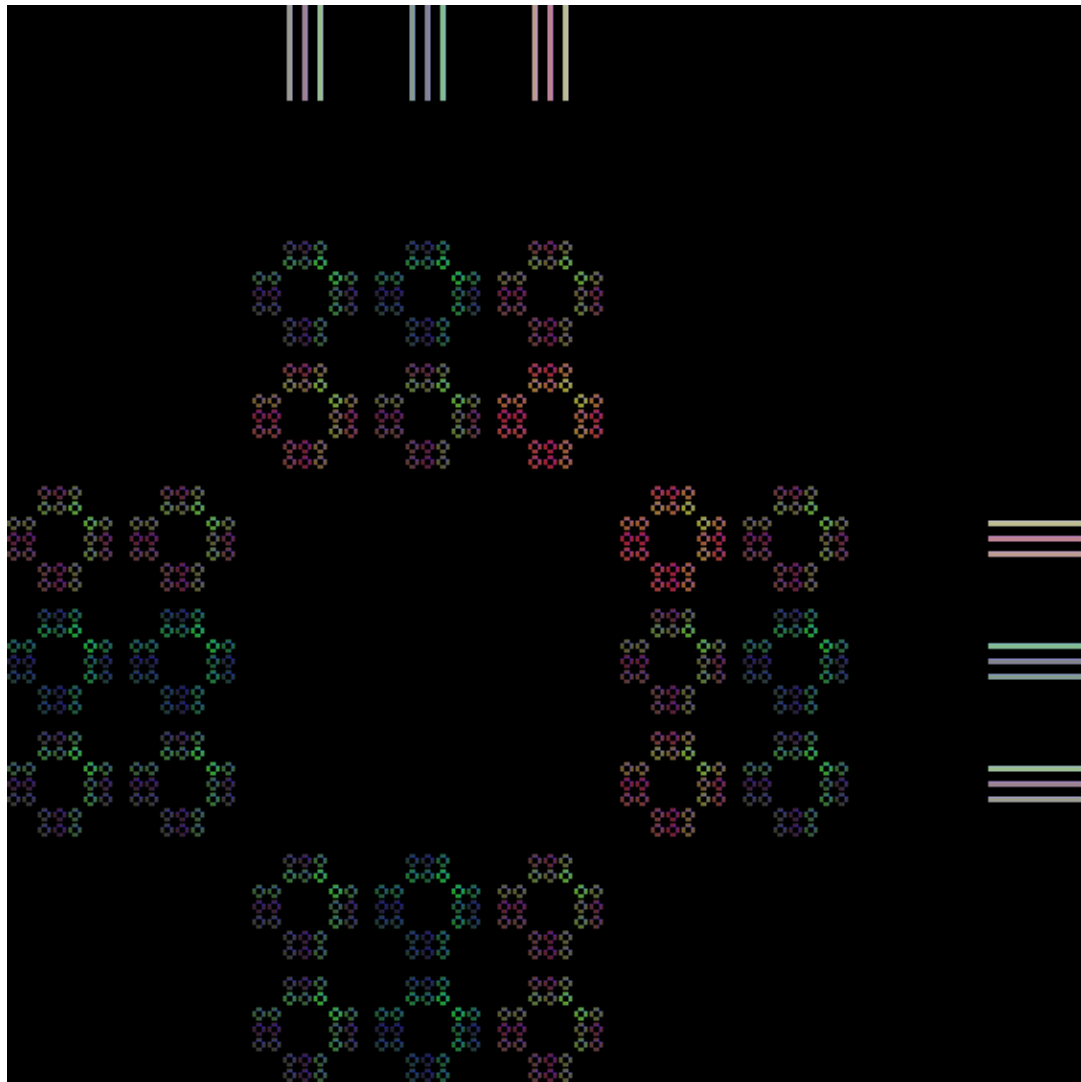


58 -0.09616 0.1238 0.9335 -0.2623 -0.4445 -0.9315 -0.2633 -0.4493

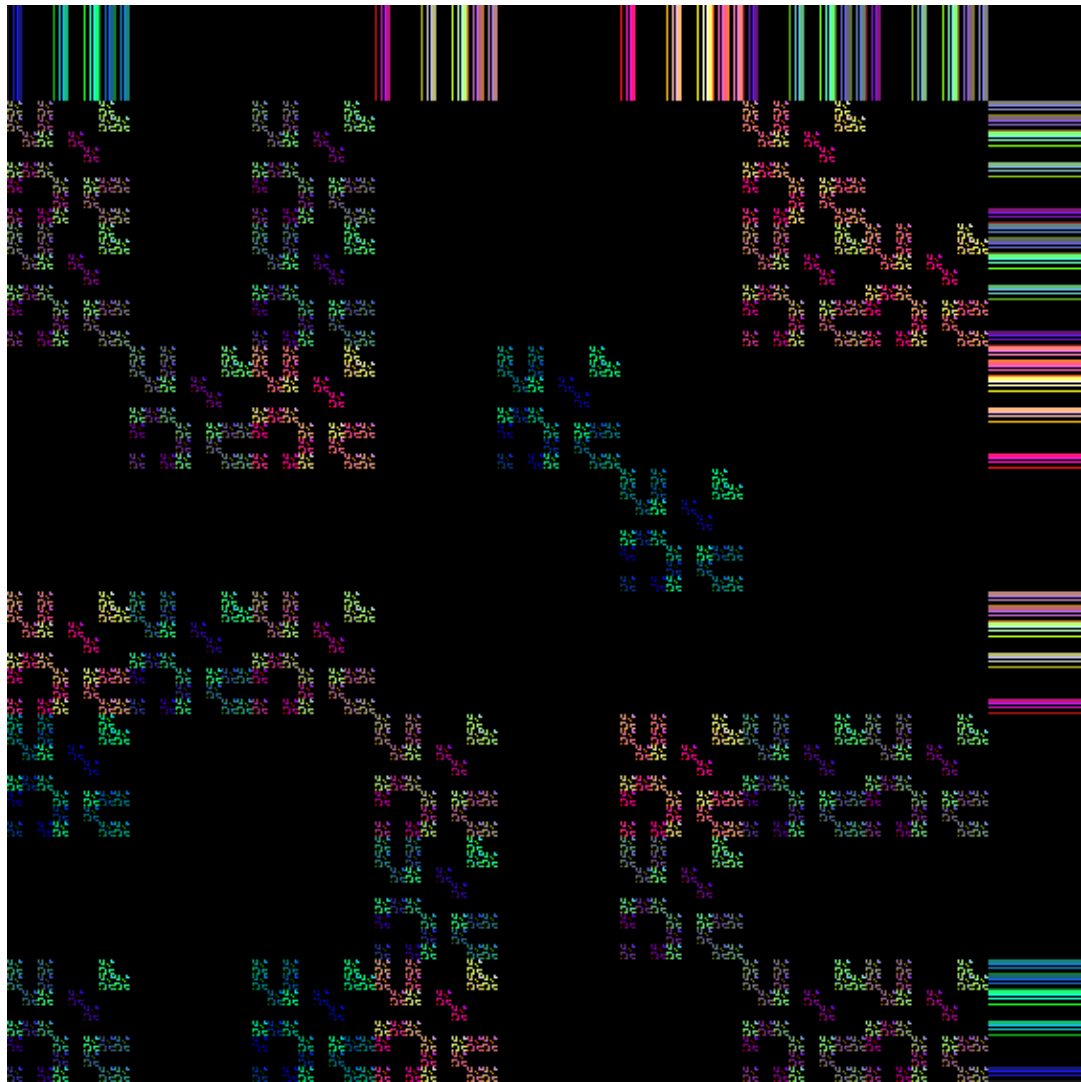


59 0.3393 0.02927 0.03638 0.2953 -0.4342 -0.5080 -0.6047 -0.9806

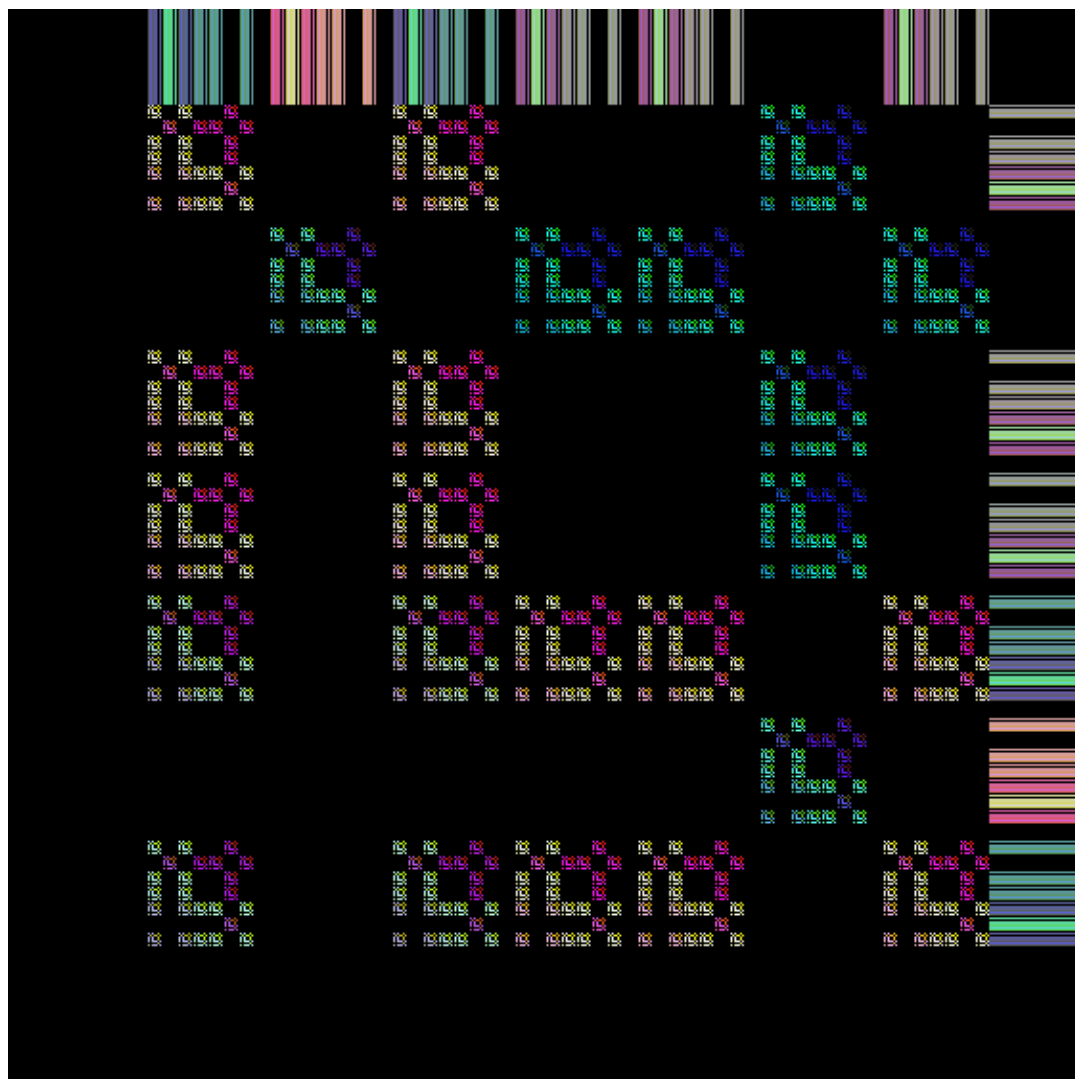




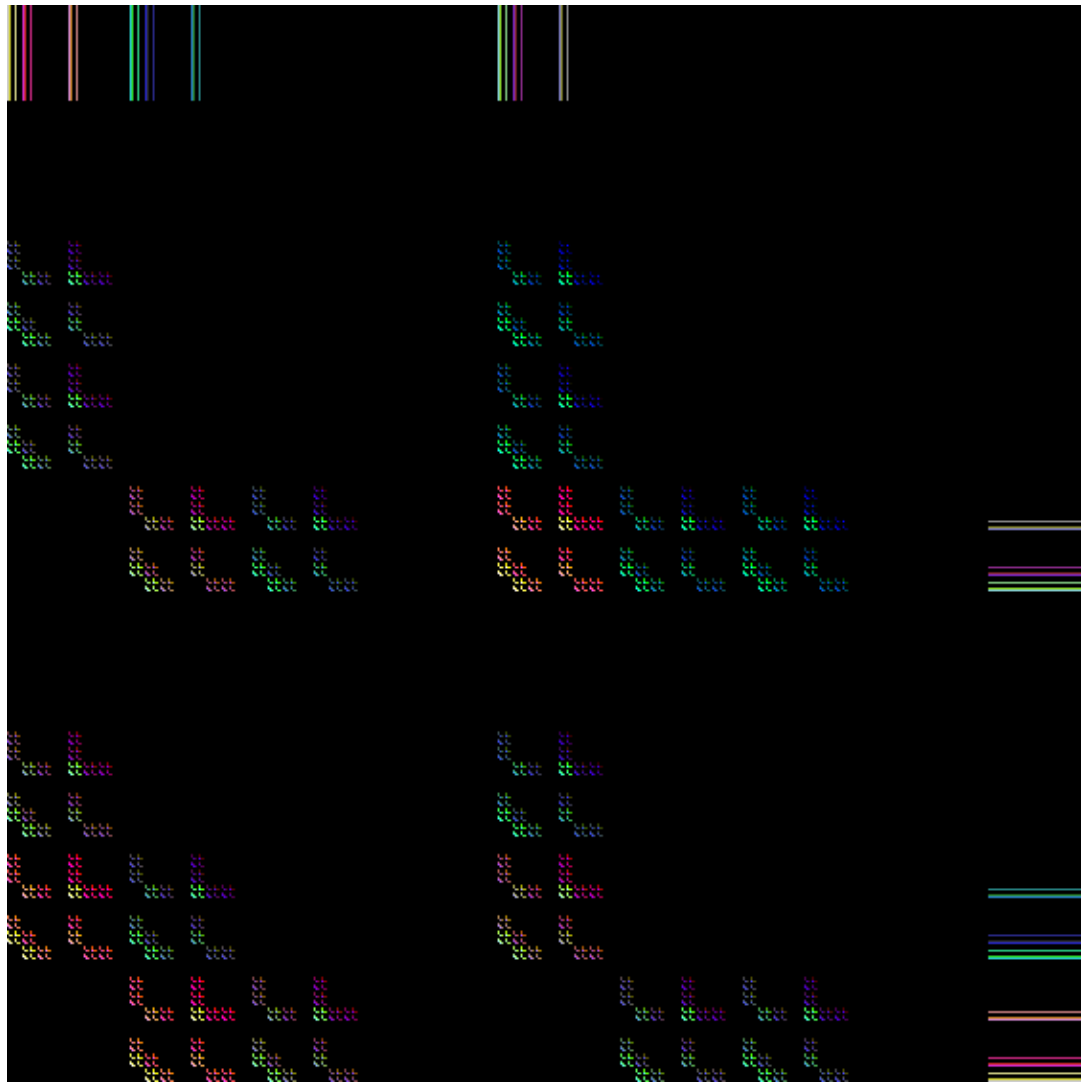
61 0.09485 -0.5662 -0.08505 0.7346 -0.9118 0.9711 0.3828 0.5239



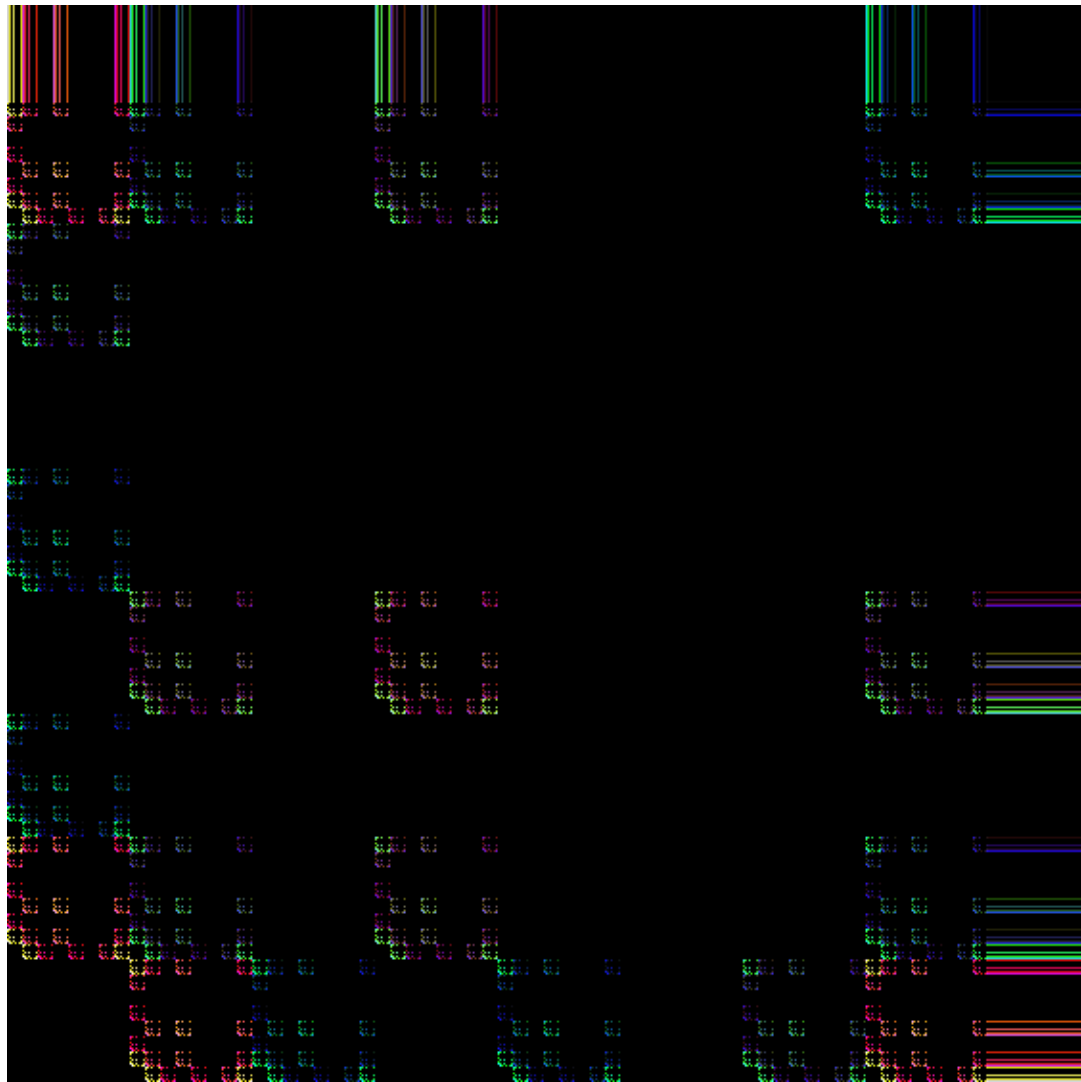
62 -0.9384 0.3506 0.8253 0.3991 0.5684 0.6093 -0.4580 0.6084



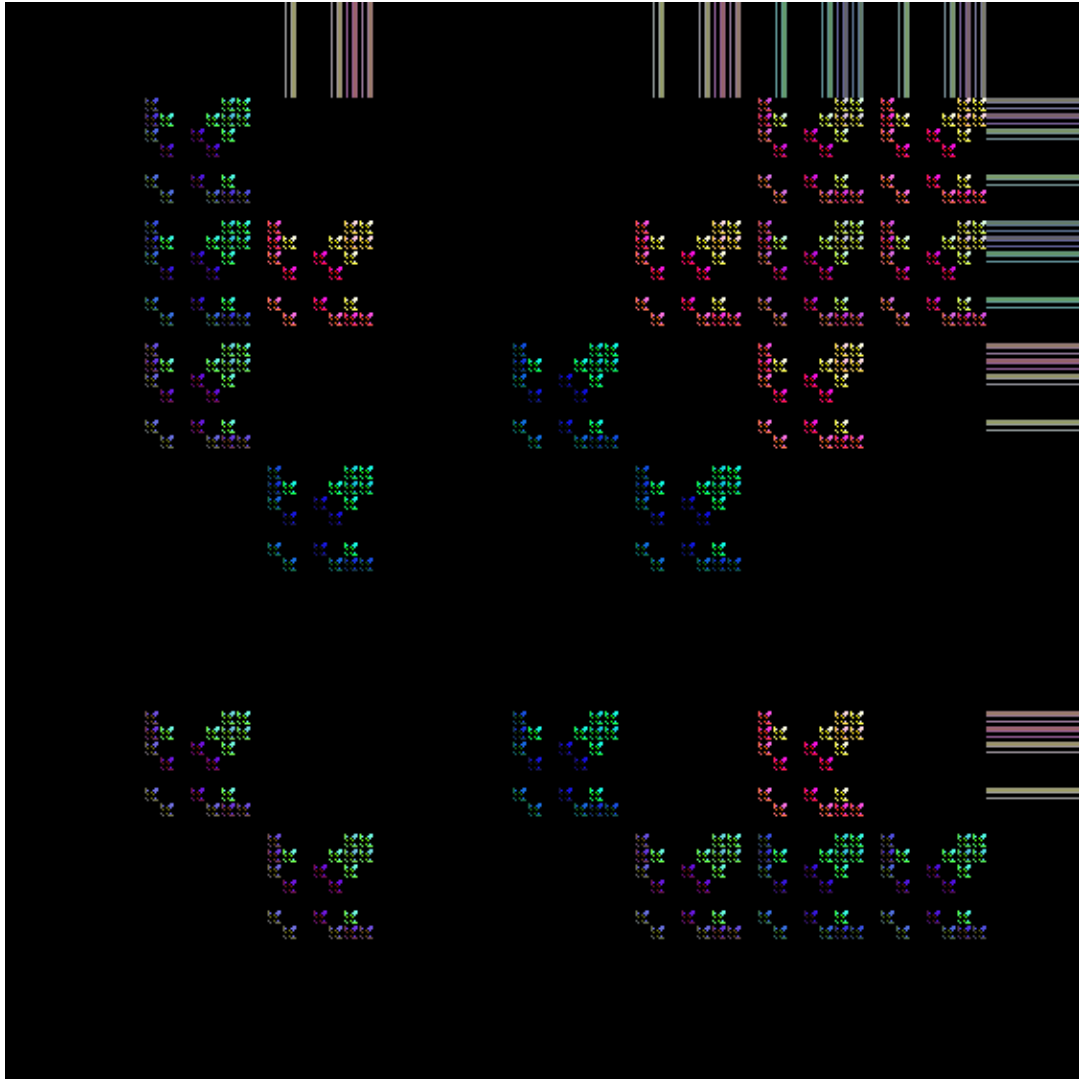
63 0.7922 0.1610 -0.2777 -0.9351 0.5000 -0.4360 -0.5075 -0.9974



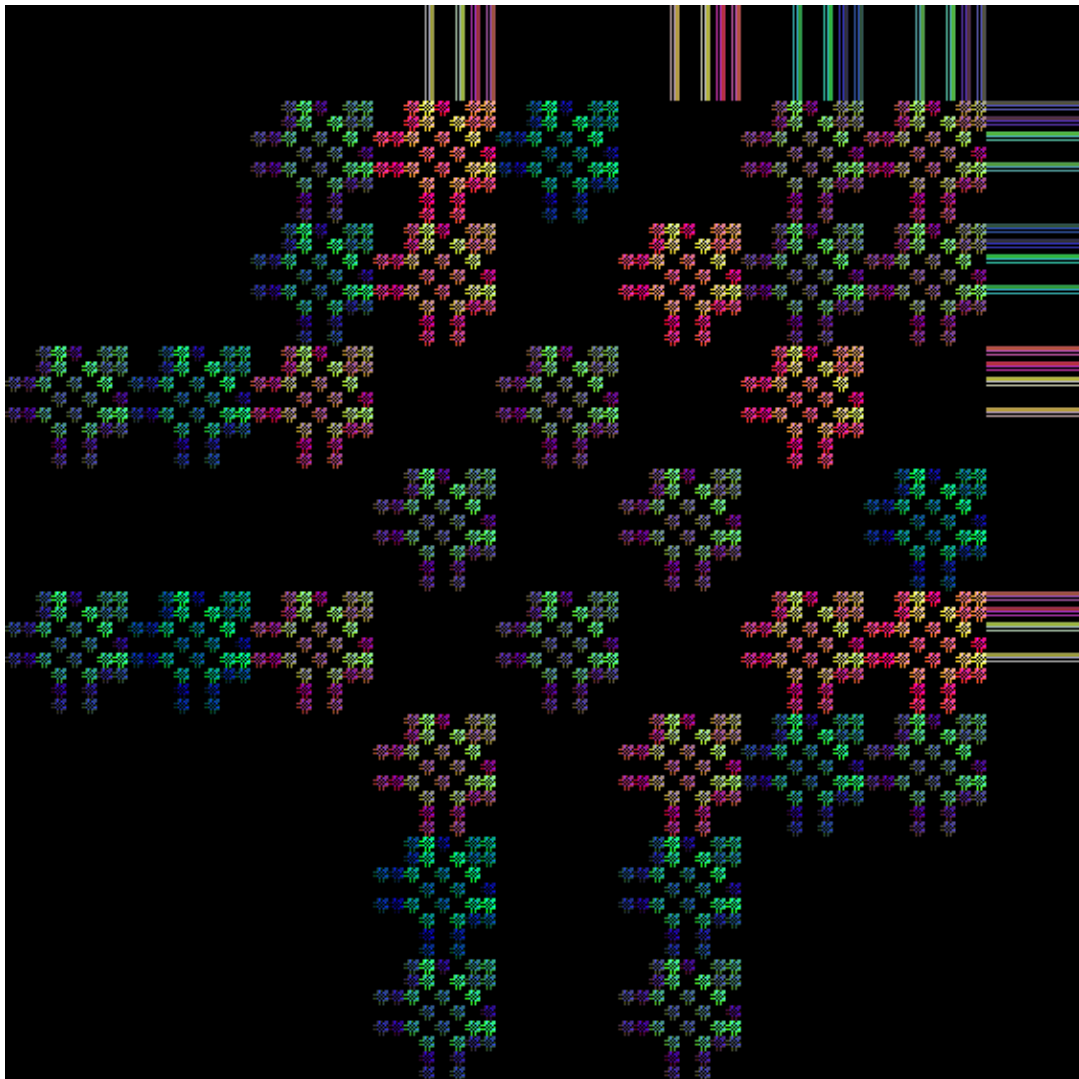
64 0.8270 0.1335 -0.7609 0.3208 -0.7370 -0.8940 -0.5837 0.05347



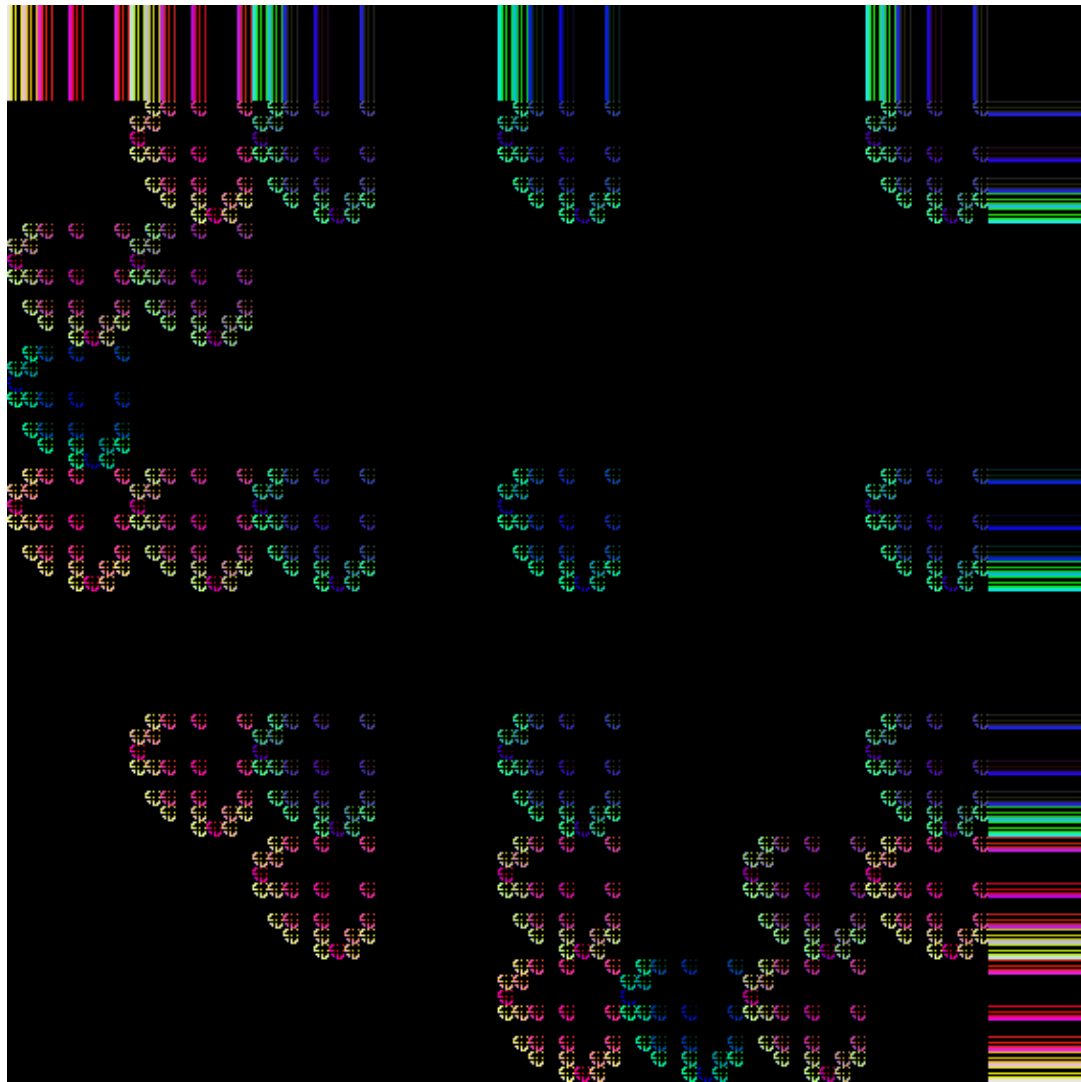
65 -0.7996 -0.1635 0.6179 -0.7501 -0.5241 0.5873 0.3844 0.4875



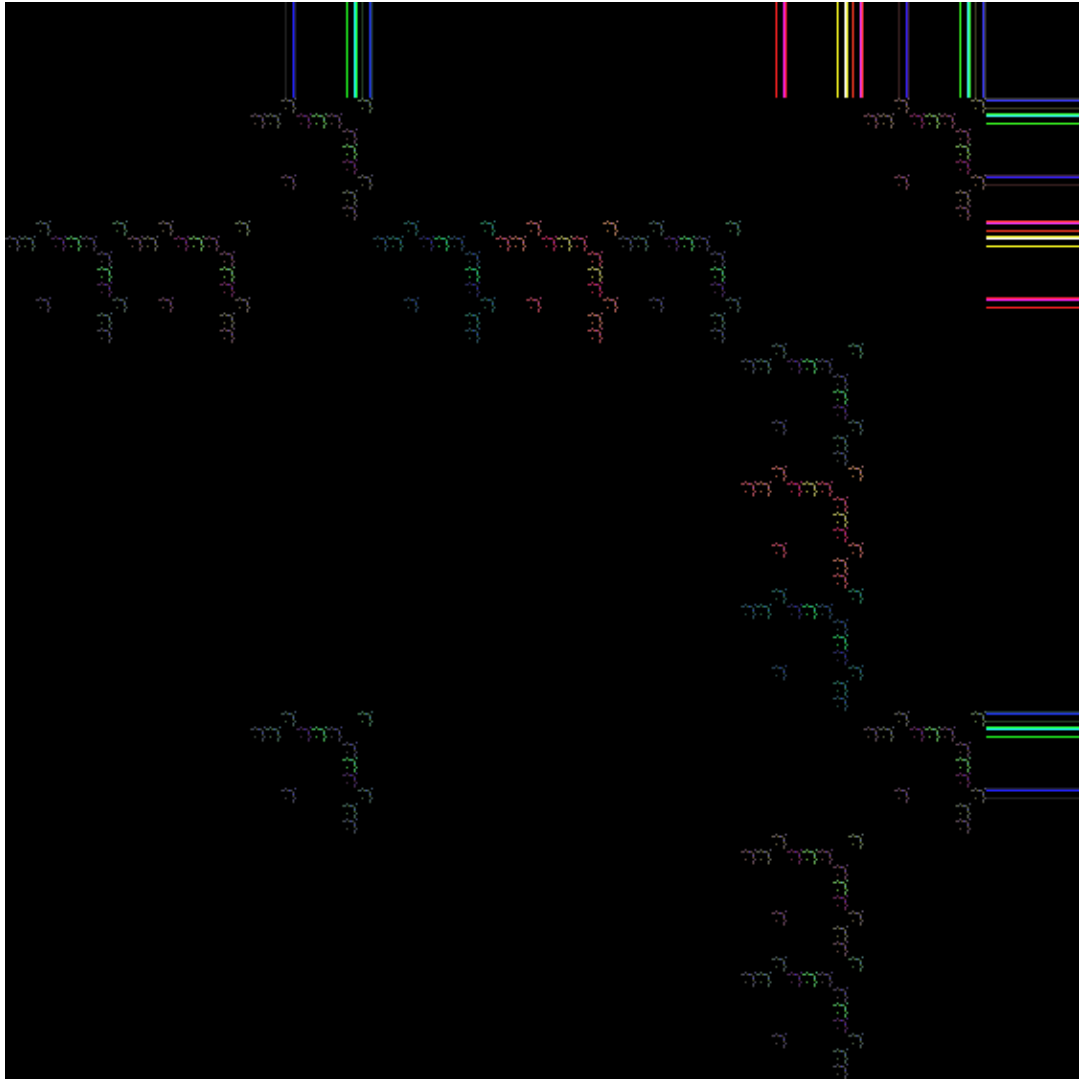
66 -0.4186 -0.5758 -0.02335 0.6149 -0.2671 0.7105 0.1899 0.3376



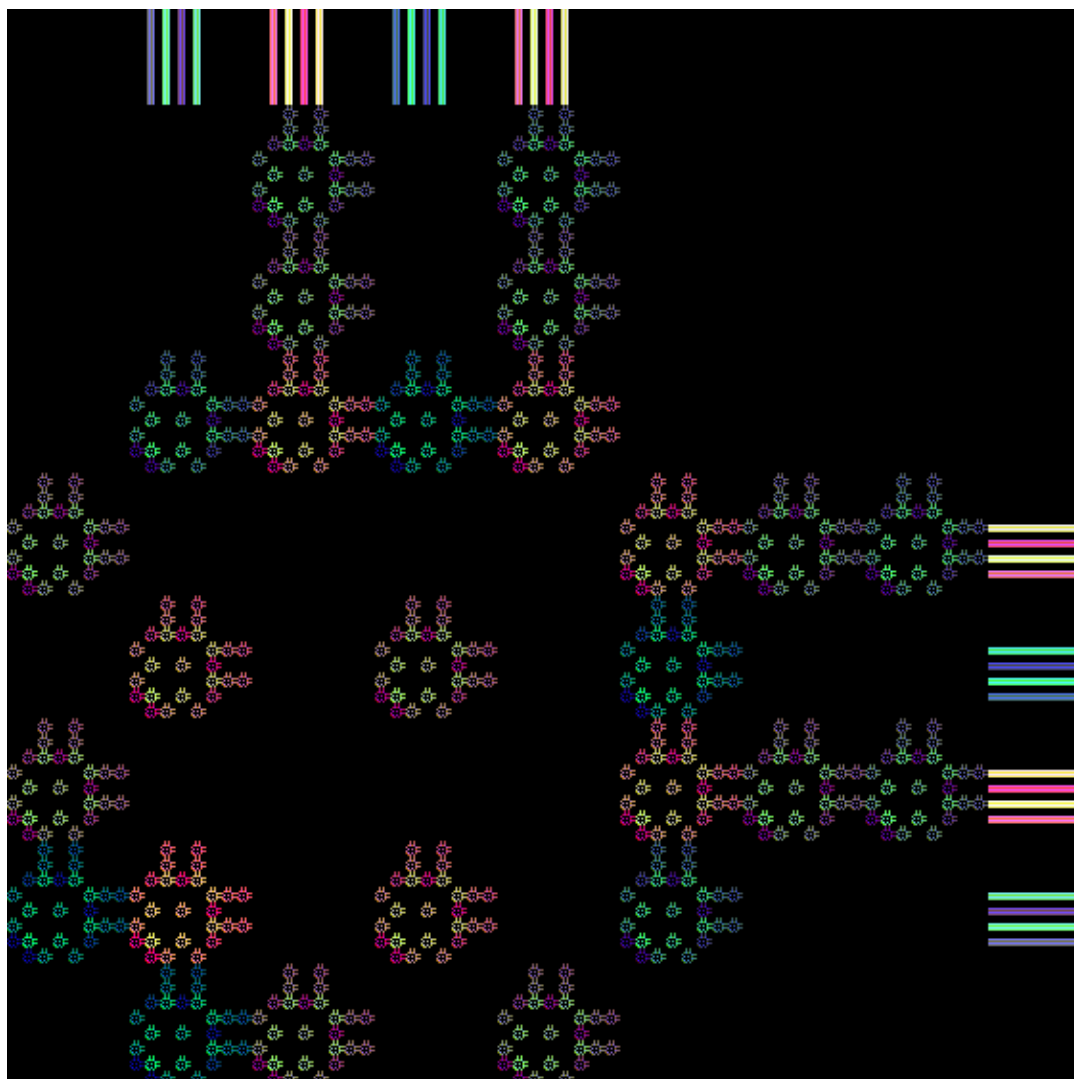
67 0.9028 0.7256 0.1523 -0.9724 0.04092 -0.9239 -0.1830 0.1358



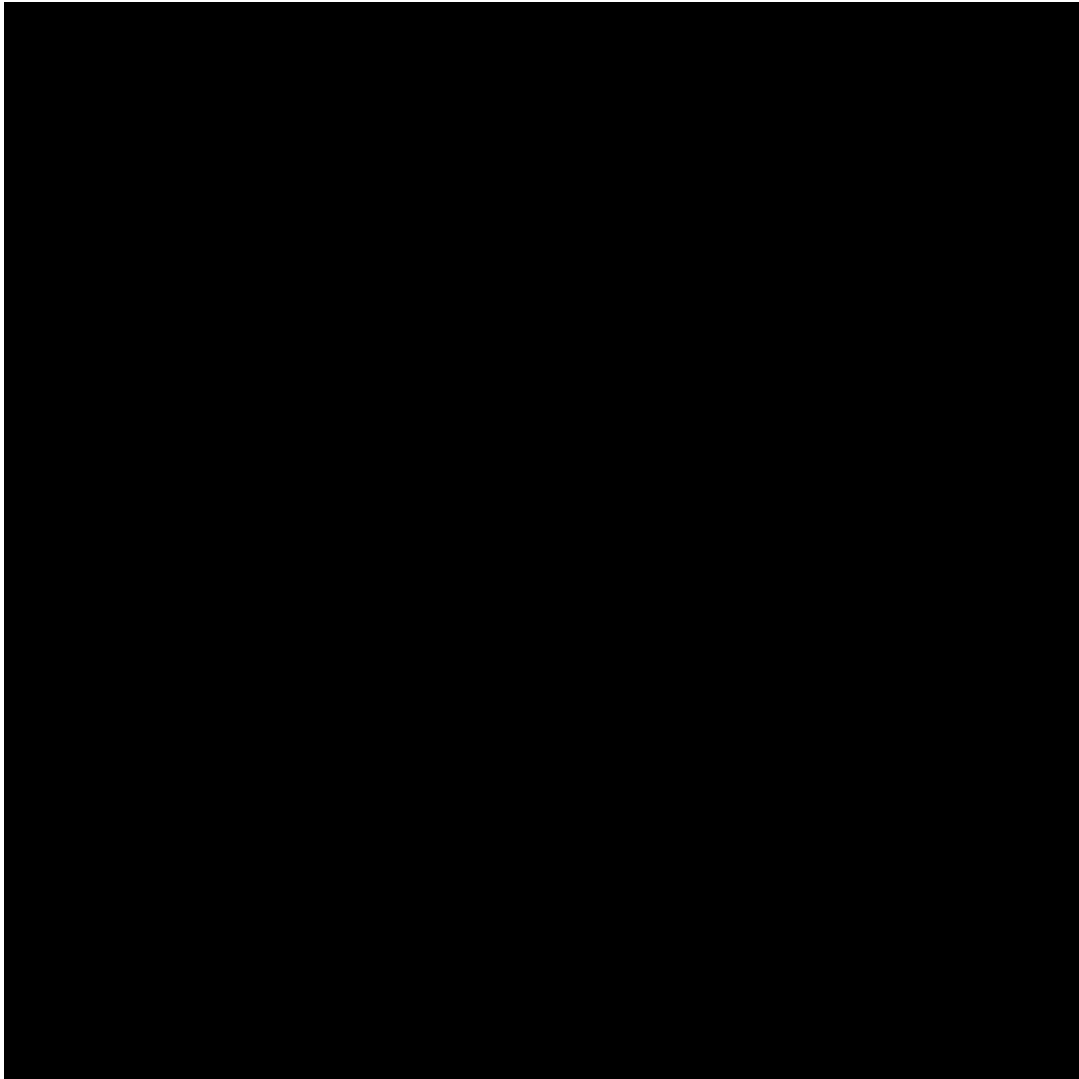
68 -0.6539 -0.5627 0.1401 -0.7880 -0.3106 -0.6805 0.9468 0.2314



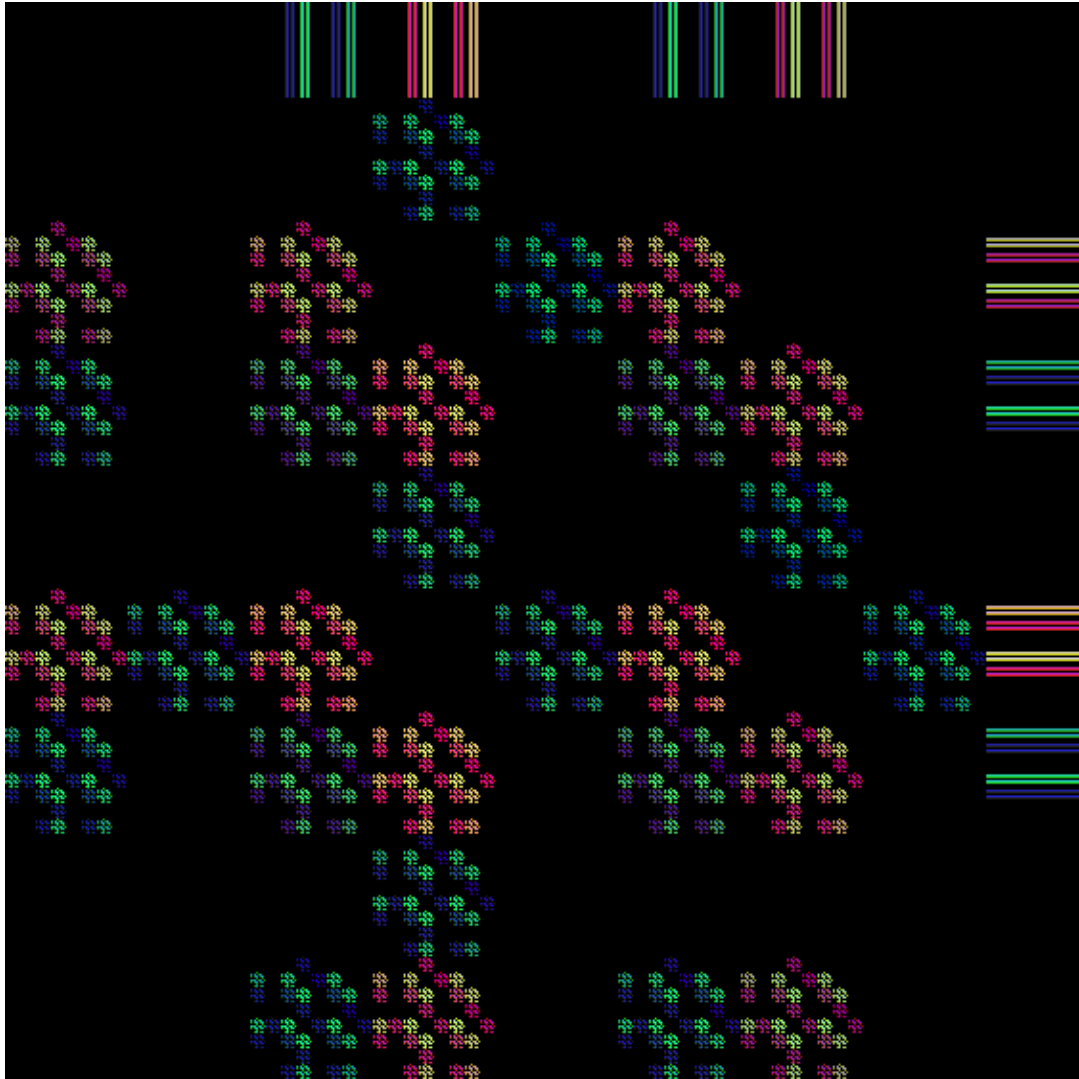
69 -0.4051 0.4460 0.9607 0.2981 0.9017 -0.2117 -0.5120 -0.5919



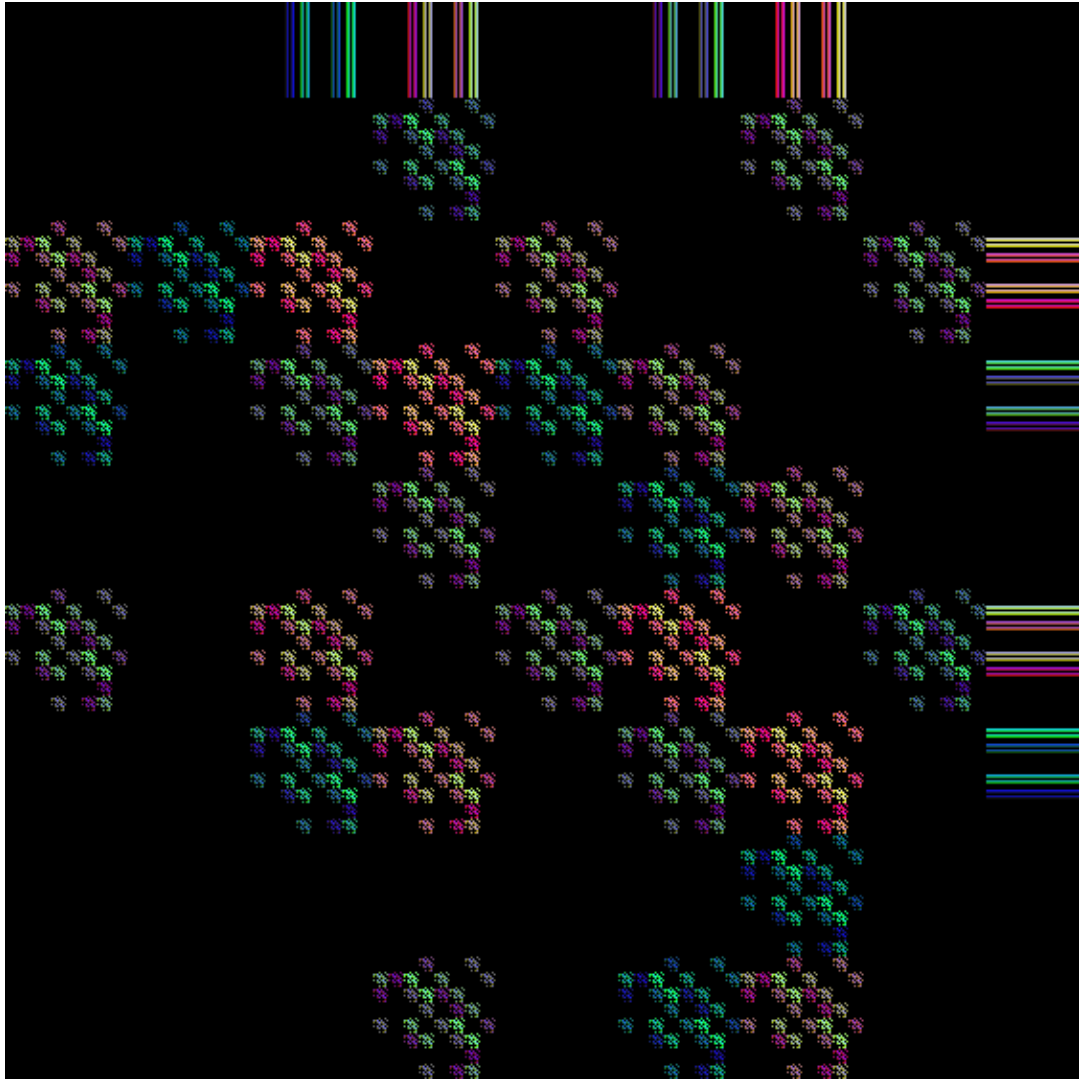
70 -0.9991 -0.2752 -0.1037 -0.3305 -0.1890 -0.8344 -0.5357 -0.1026



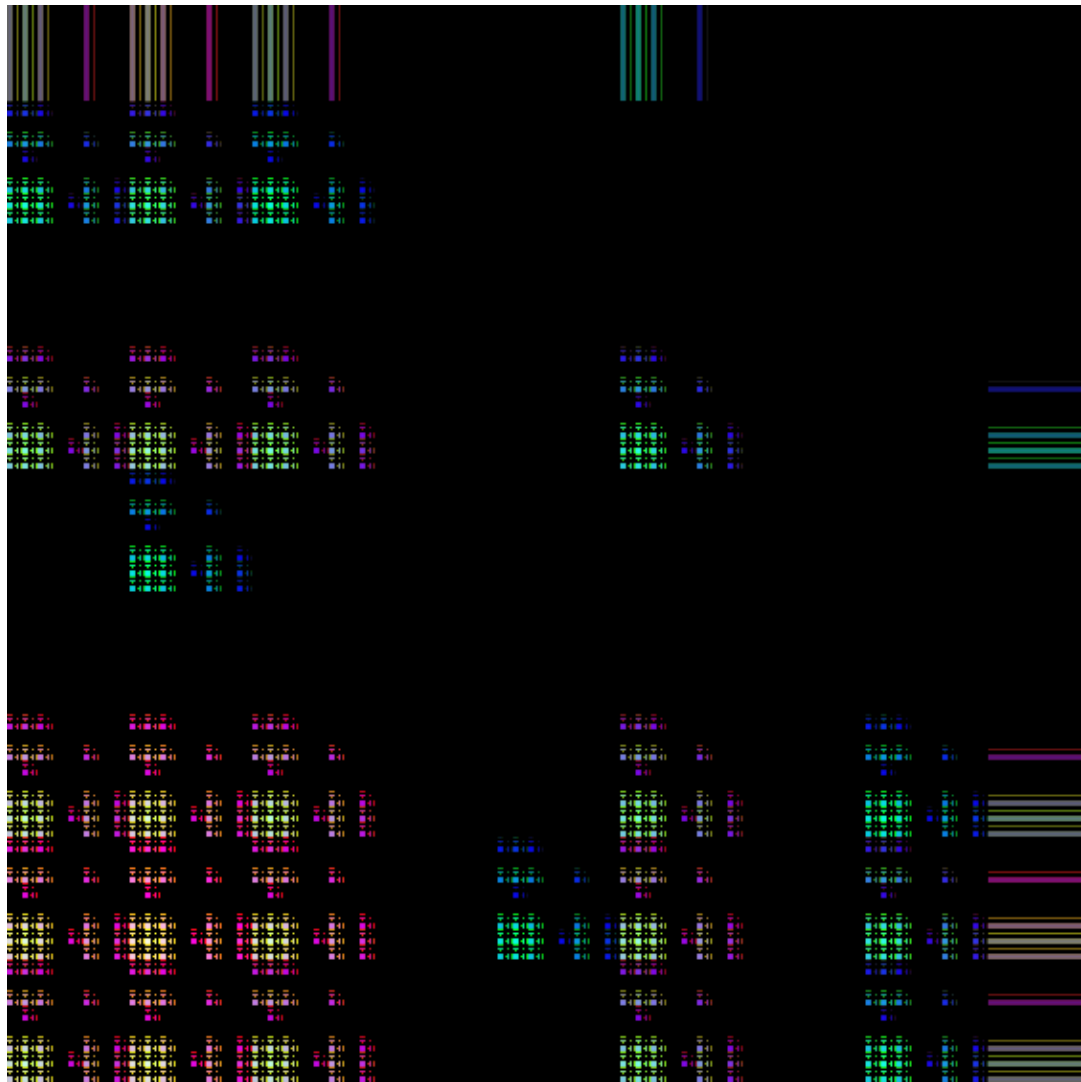
71 -0.01523 -0.6563 0.1289 0.7818 -0.6263 0.1544 0.6293 -0.6987



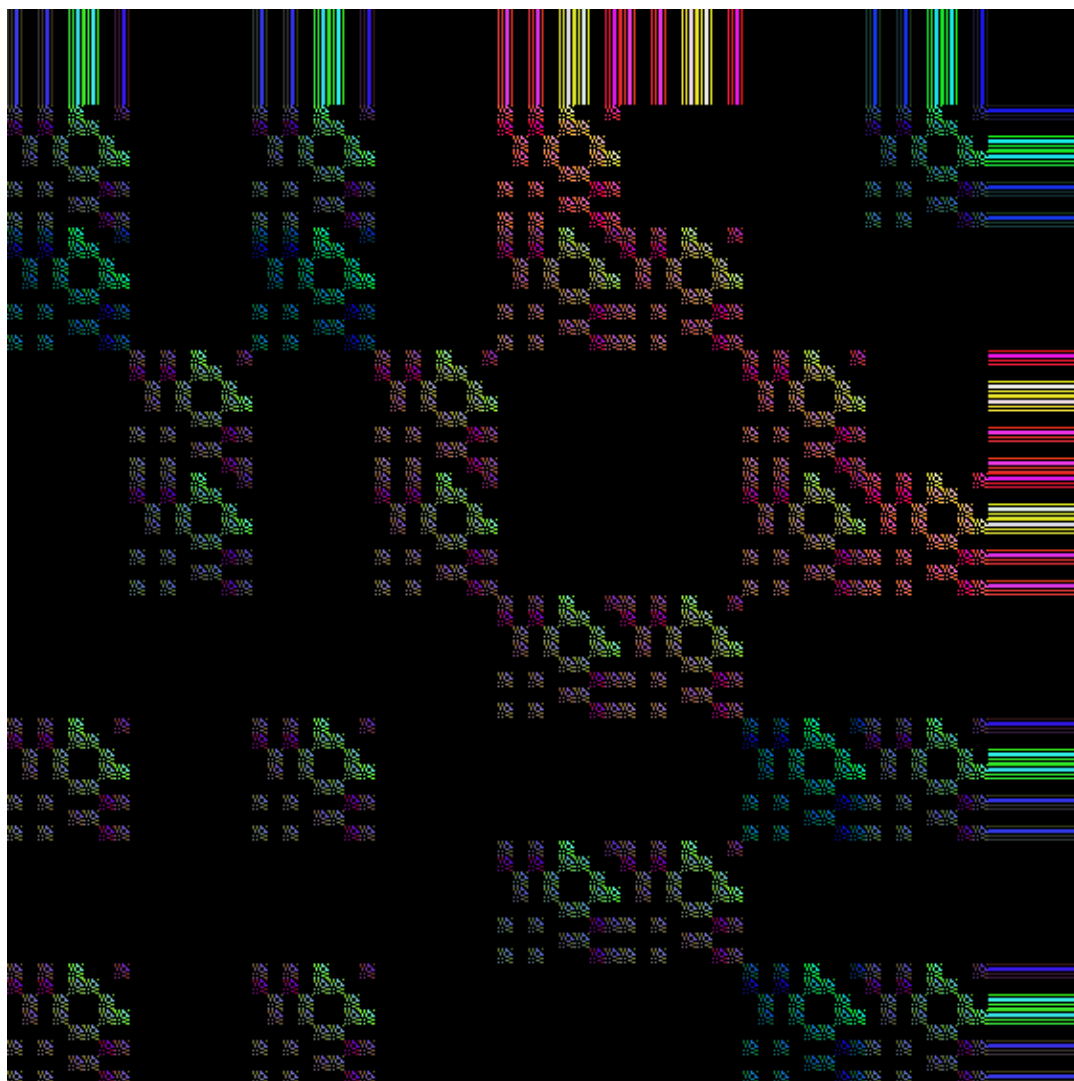
72 -0.1789 -0.7087 0.09354 0.6070 -0.1636 0.2896 0.7818 -0.3559



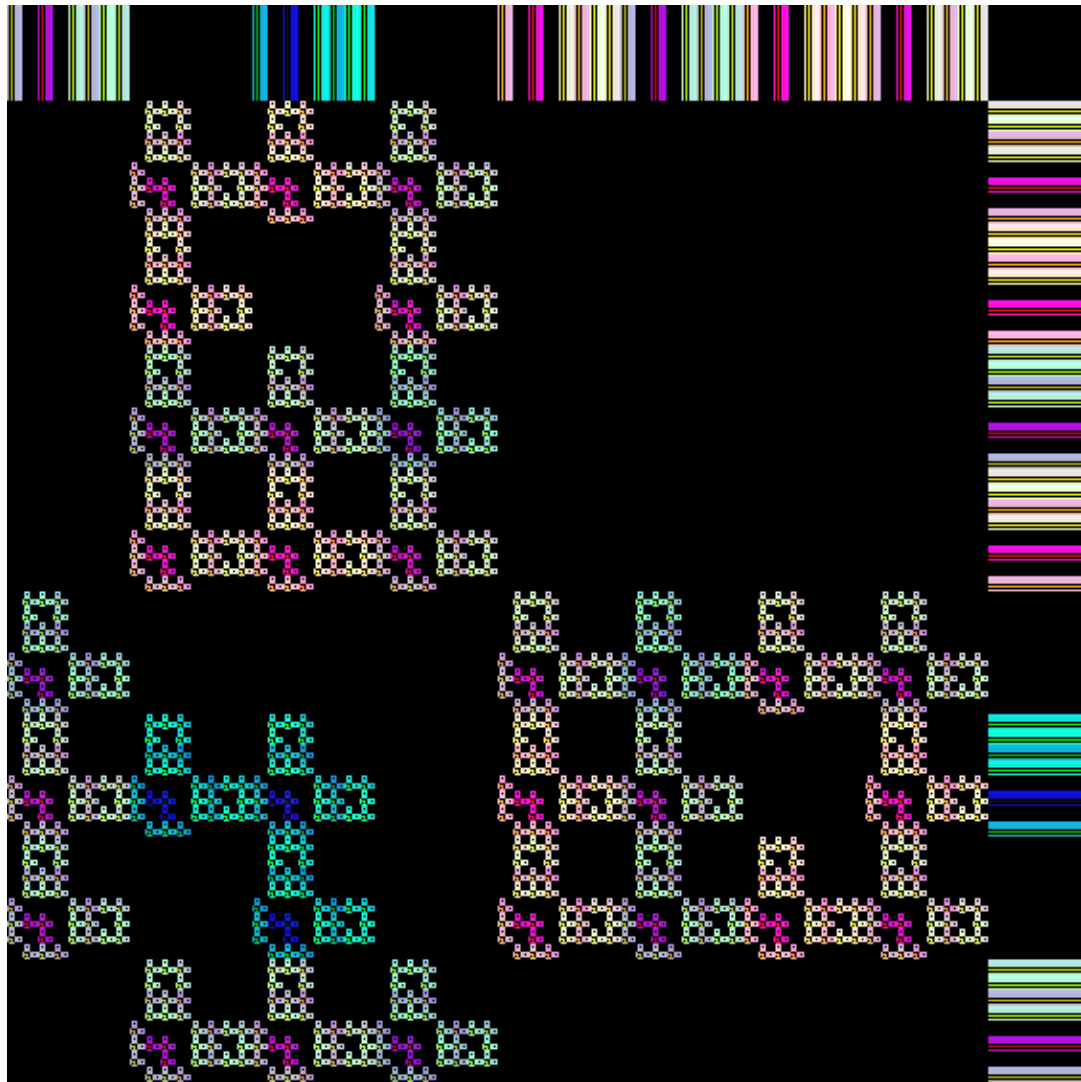
73 0.3858 0.4792 0.3520 -0.7935 -0.4248 0.09280 -0.6934 -0.2910



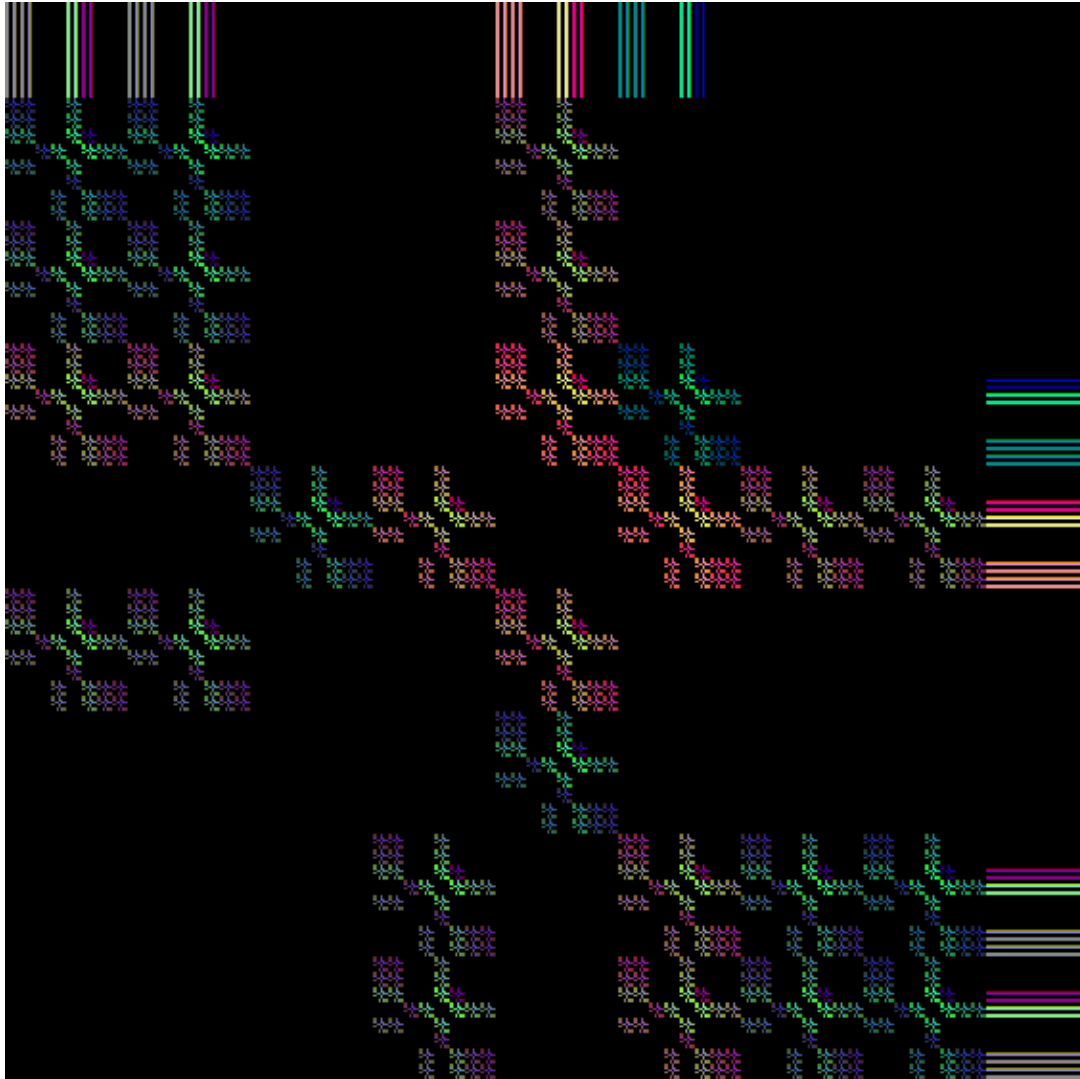
74 0.2454 -0.4796 0.2056 -0.3192 0.8490 0.9232 -0.1659 0.1071



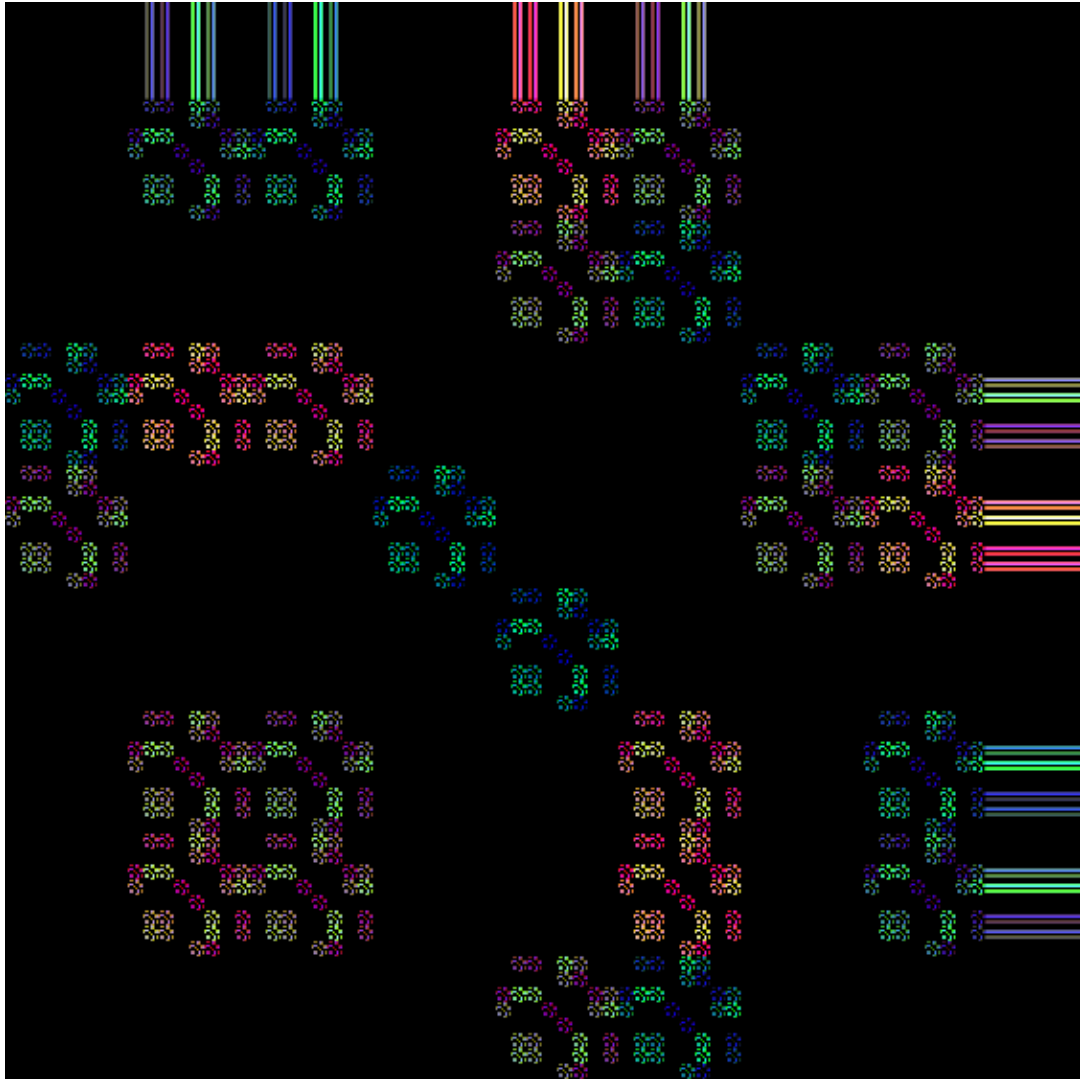
75 0.7078 -0.001007 0.06525 -0.1095 0.9242 0.6943 0.9930 0.9041



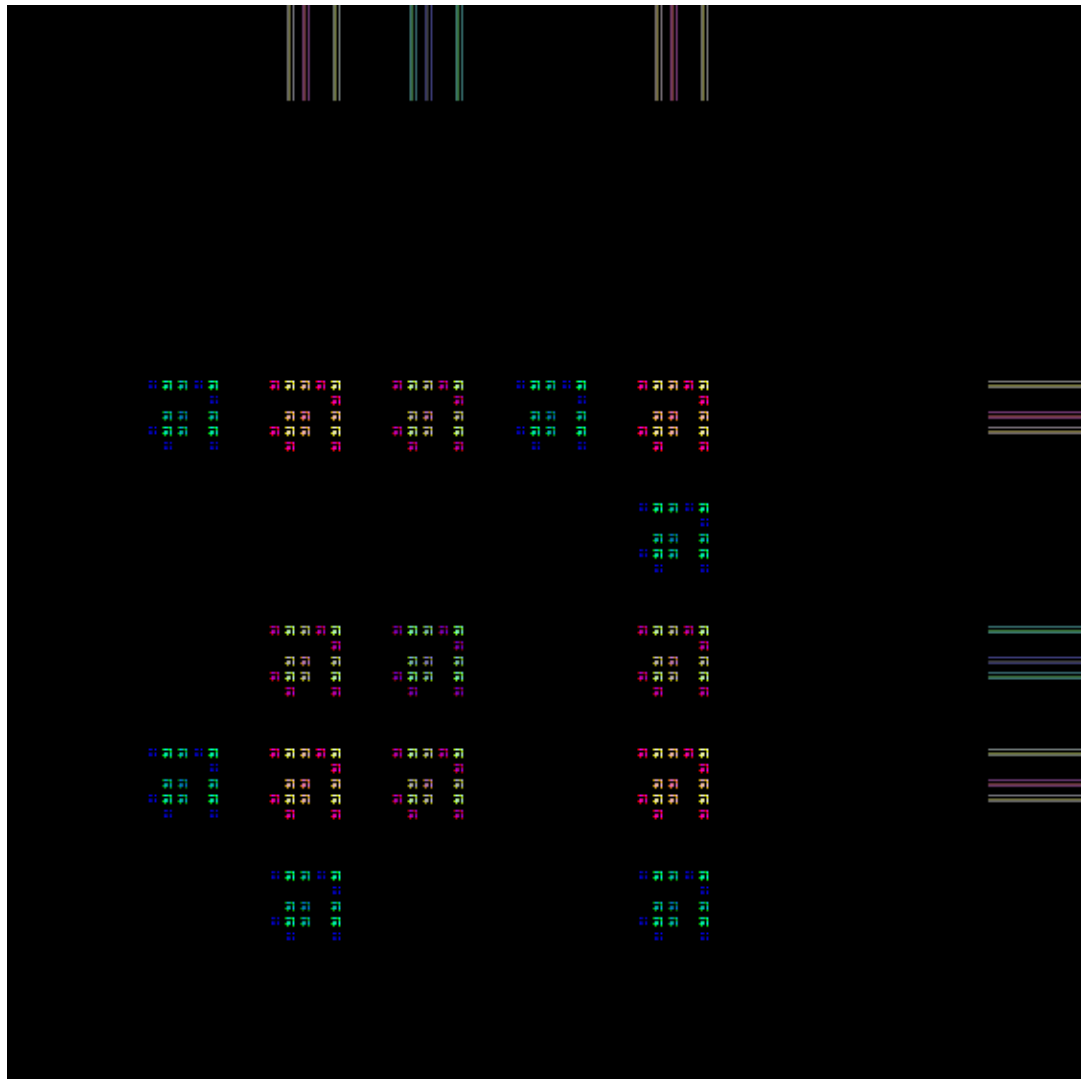
76 0.5480 0.5247 -0.6787 -0.1671 0.8829 0.01059 -0.2767 -0.3885

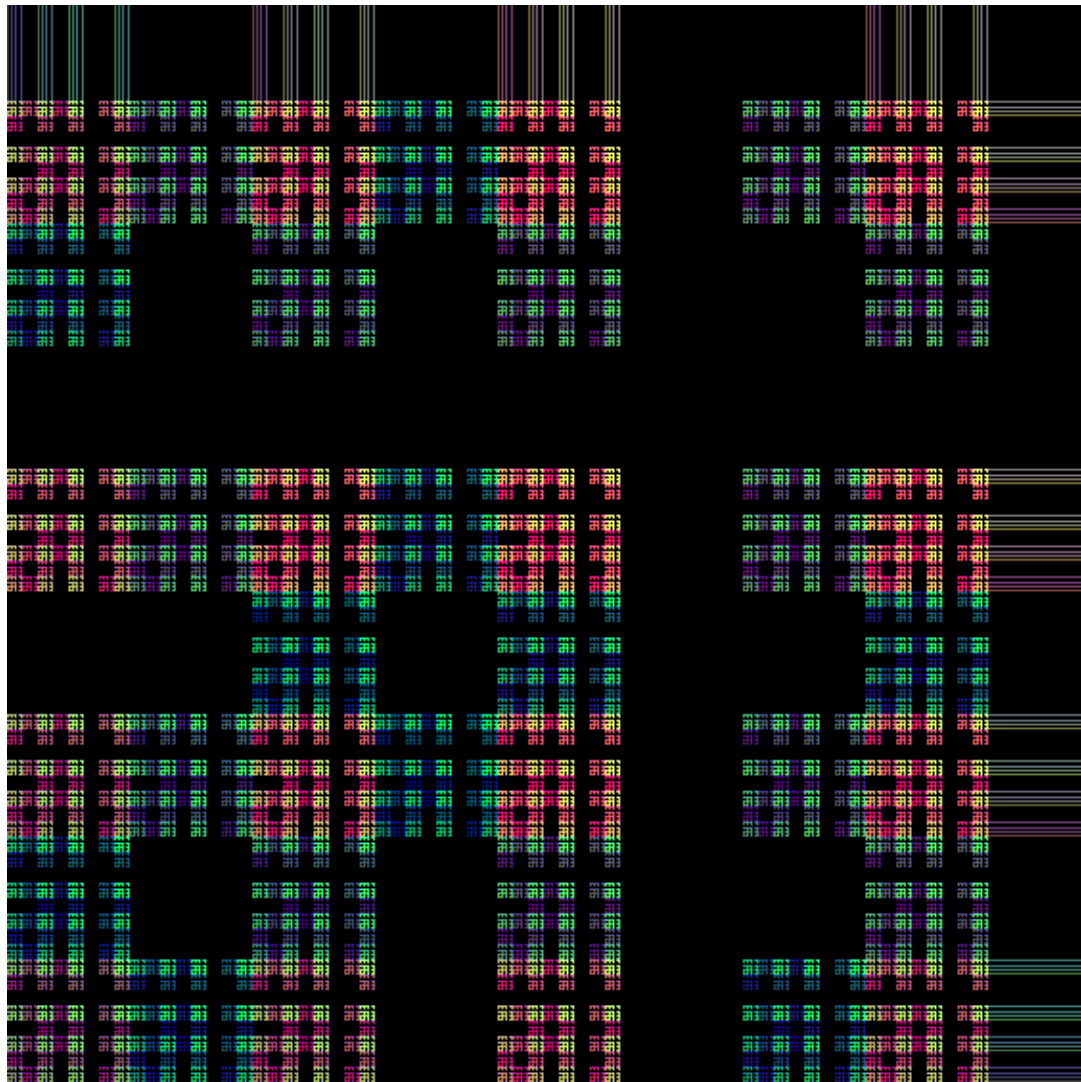


77 -0.4570 0.3581 0.2220 -0.9744 0.9505 0.5408 -0.4547 -0.1084

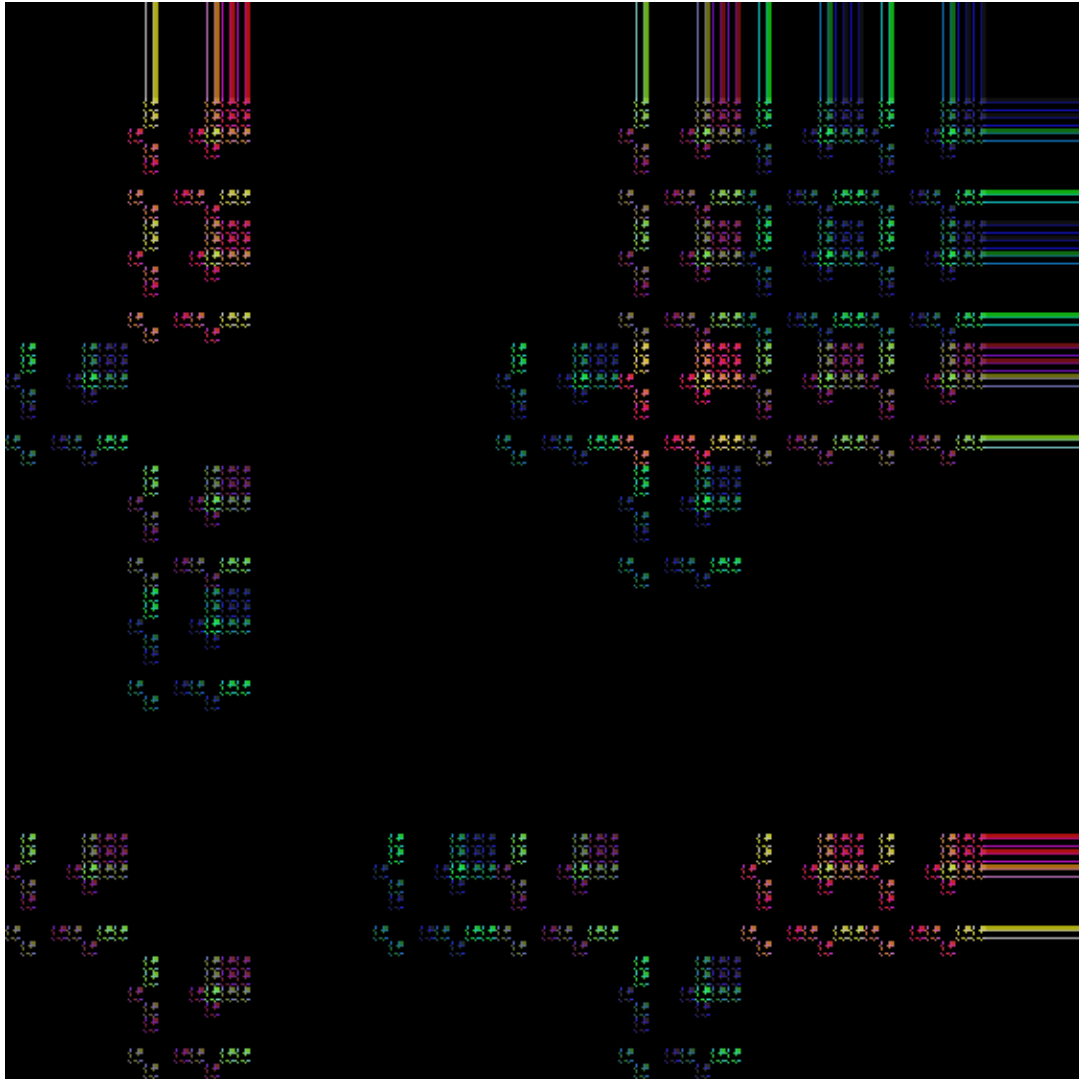


78 -0.6171 -0.4323 0.4276 0.2332 -0.4477 0.4583 -0.6898 -0.6563

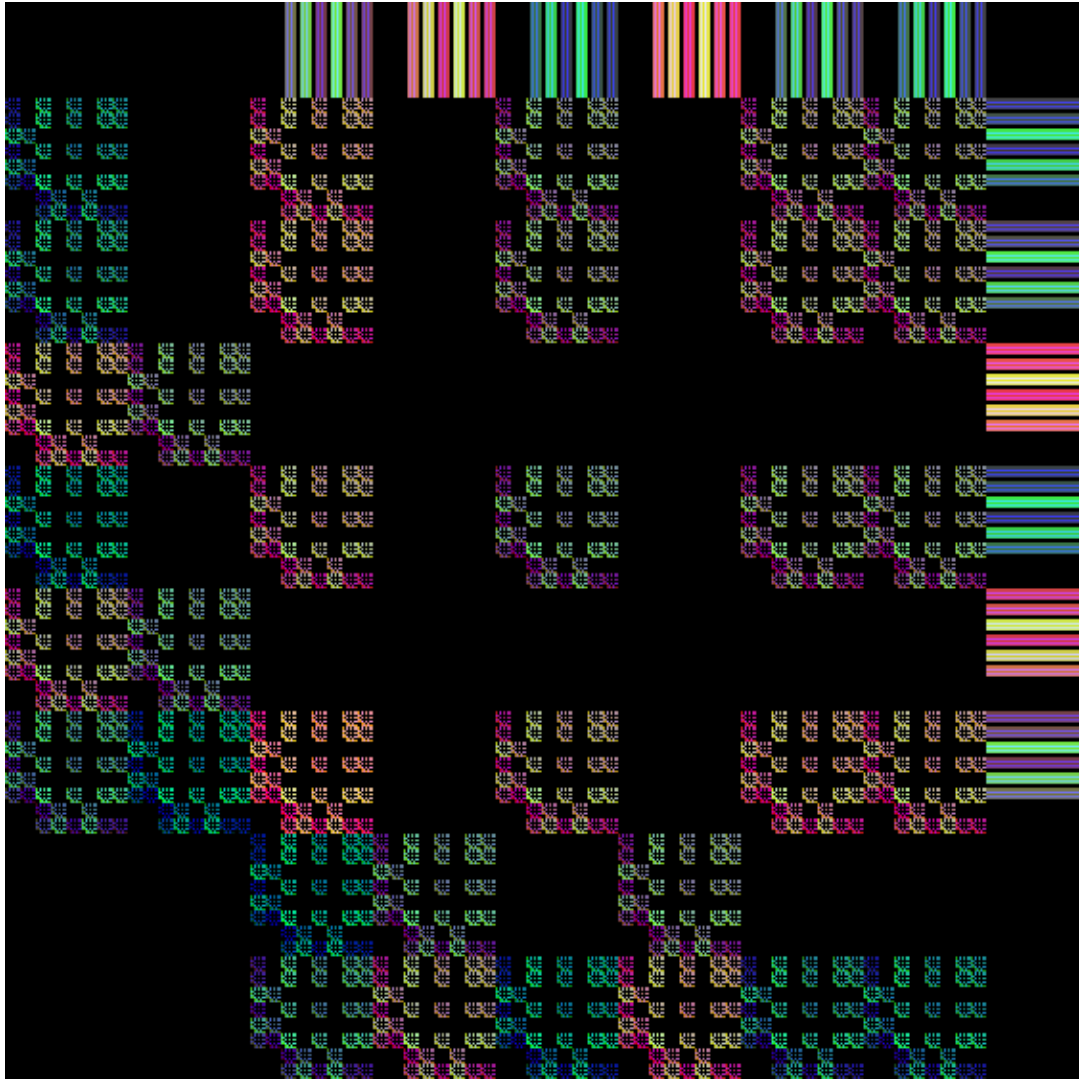




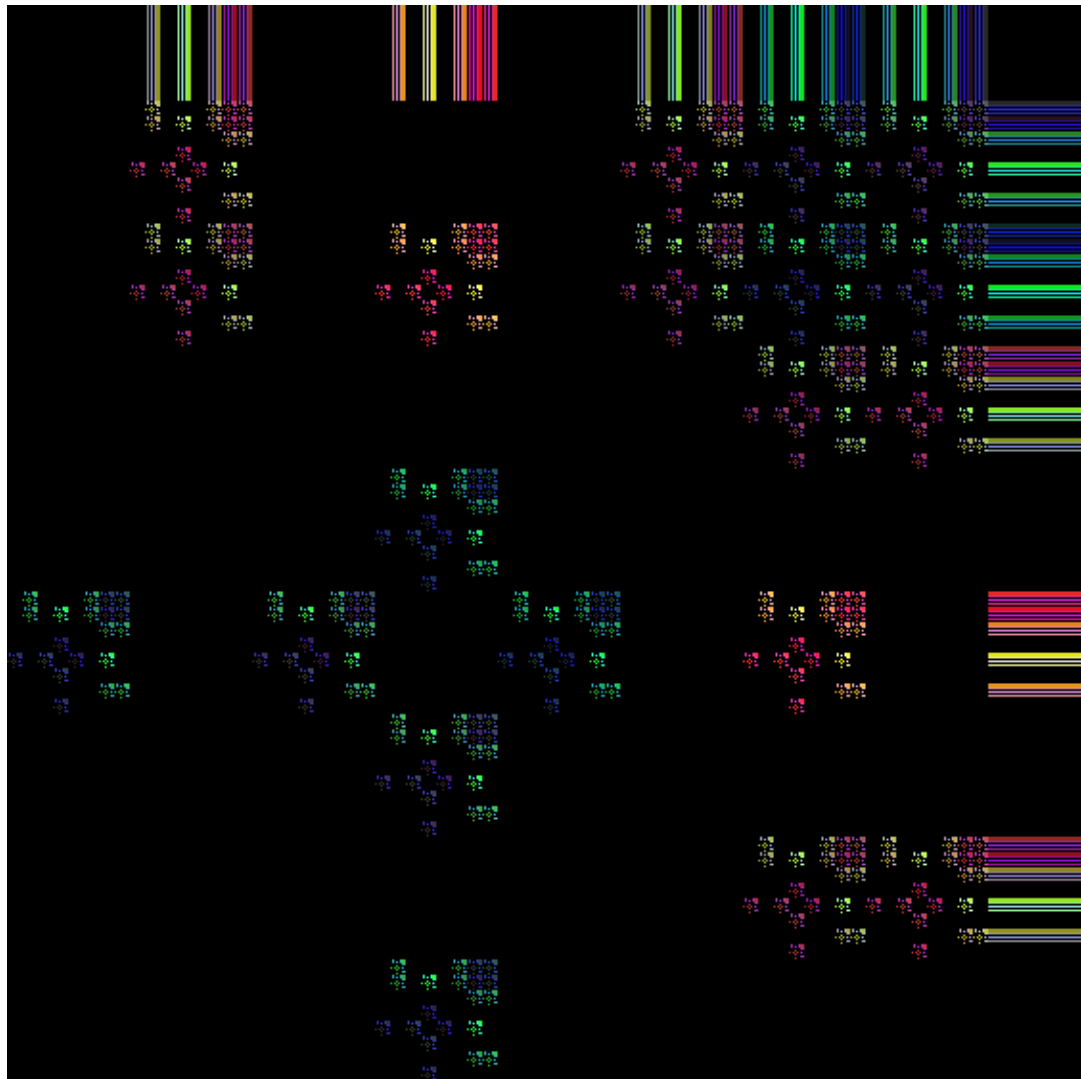
80 -0.2202 0.6691 -0.7898 -0.5364 -0.2808 0.4167 0.06696 0.09290



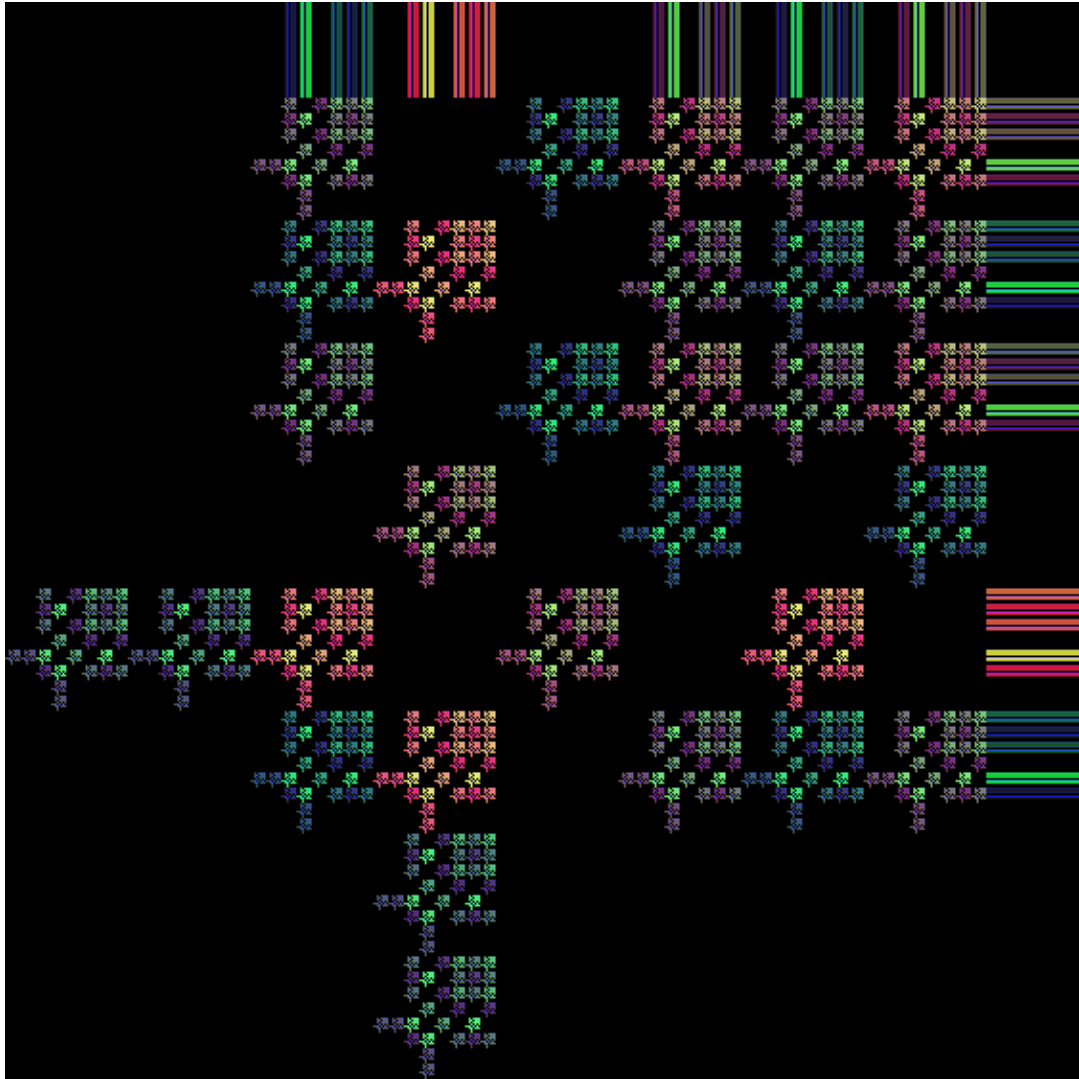
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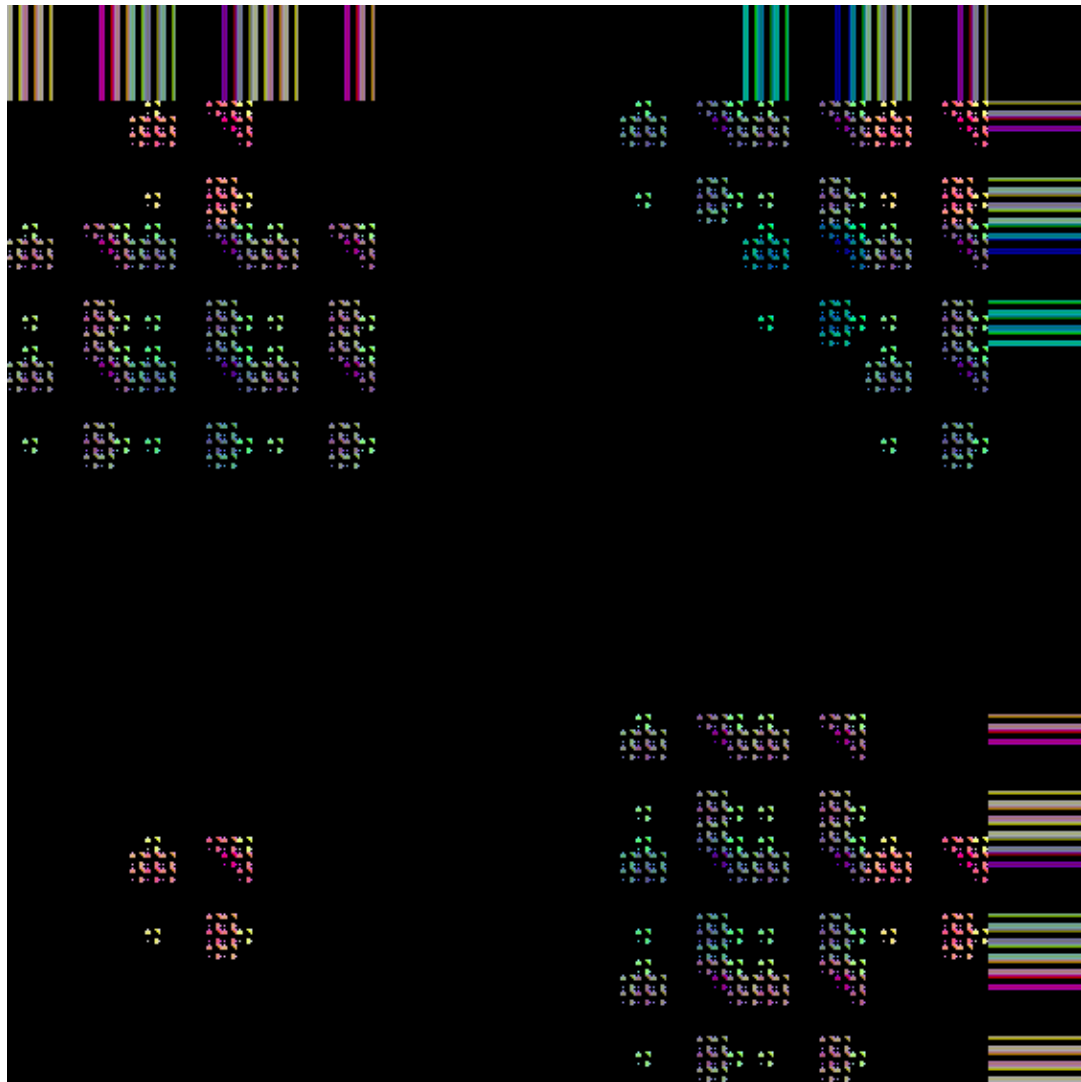
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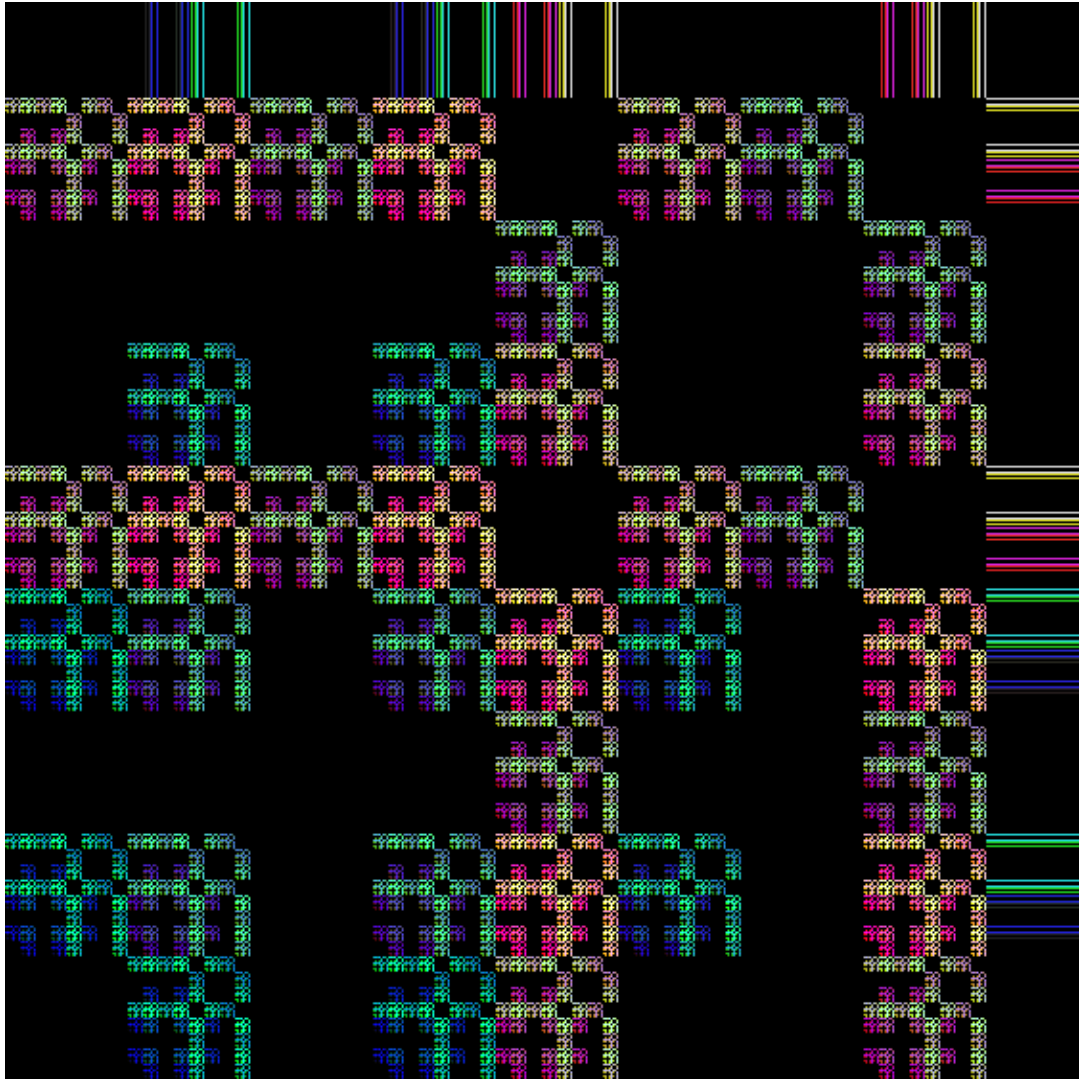
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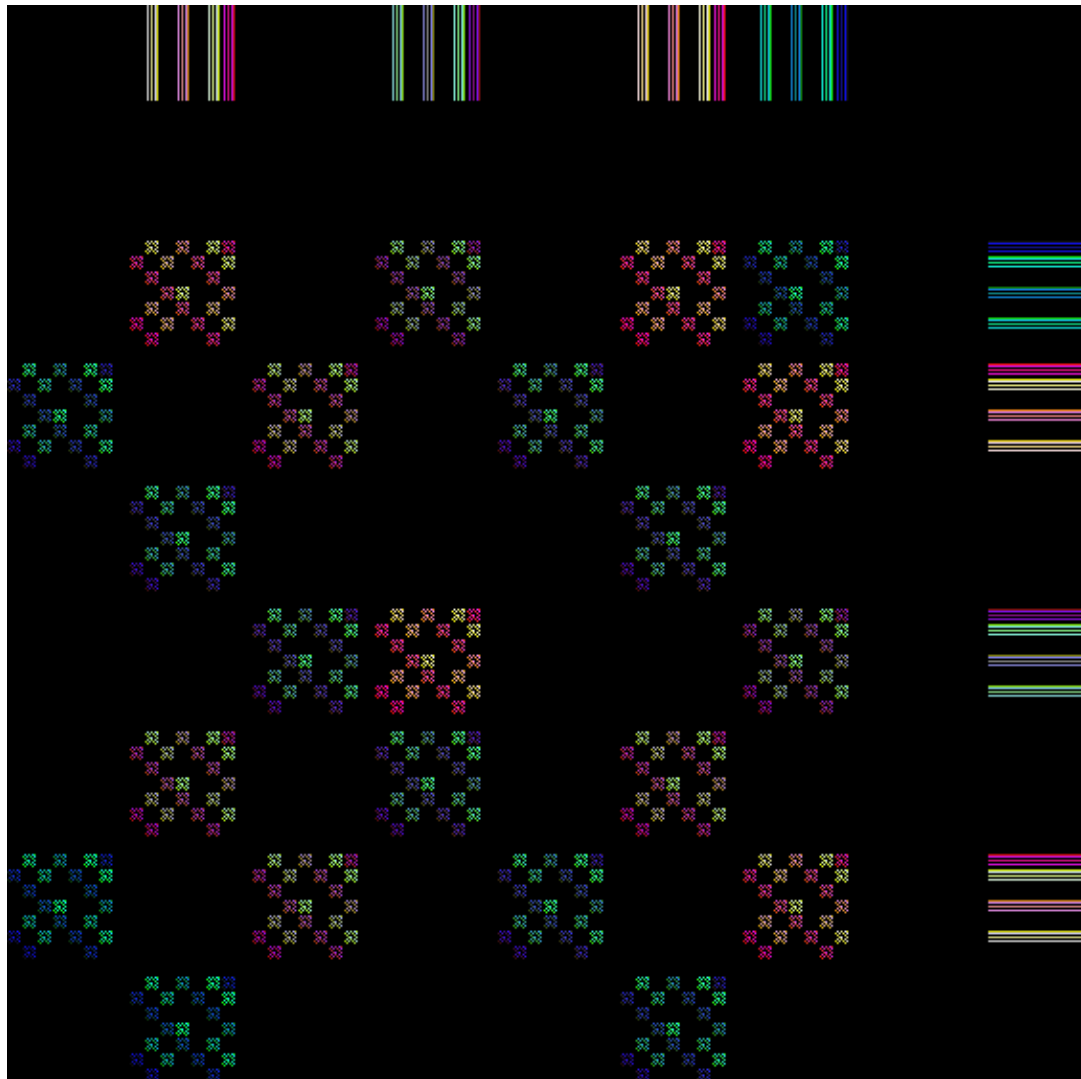
84 0.6829 0.4518 0.6314 -0.8177 -0.7518 -0.09363 0.01892 0.4863



85 -0.1028 0.1526 -0.1985 0.1637 0.8324 -0.01132 -0.3036 0.8157



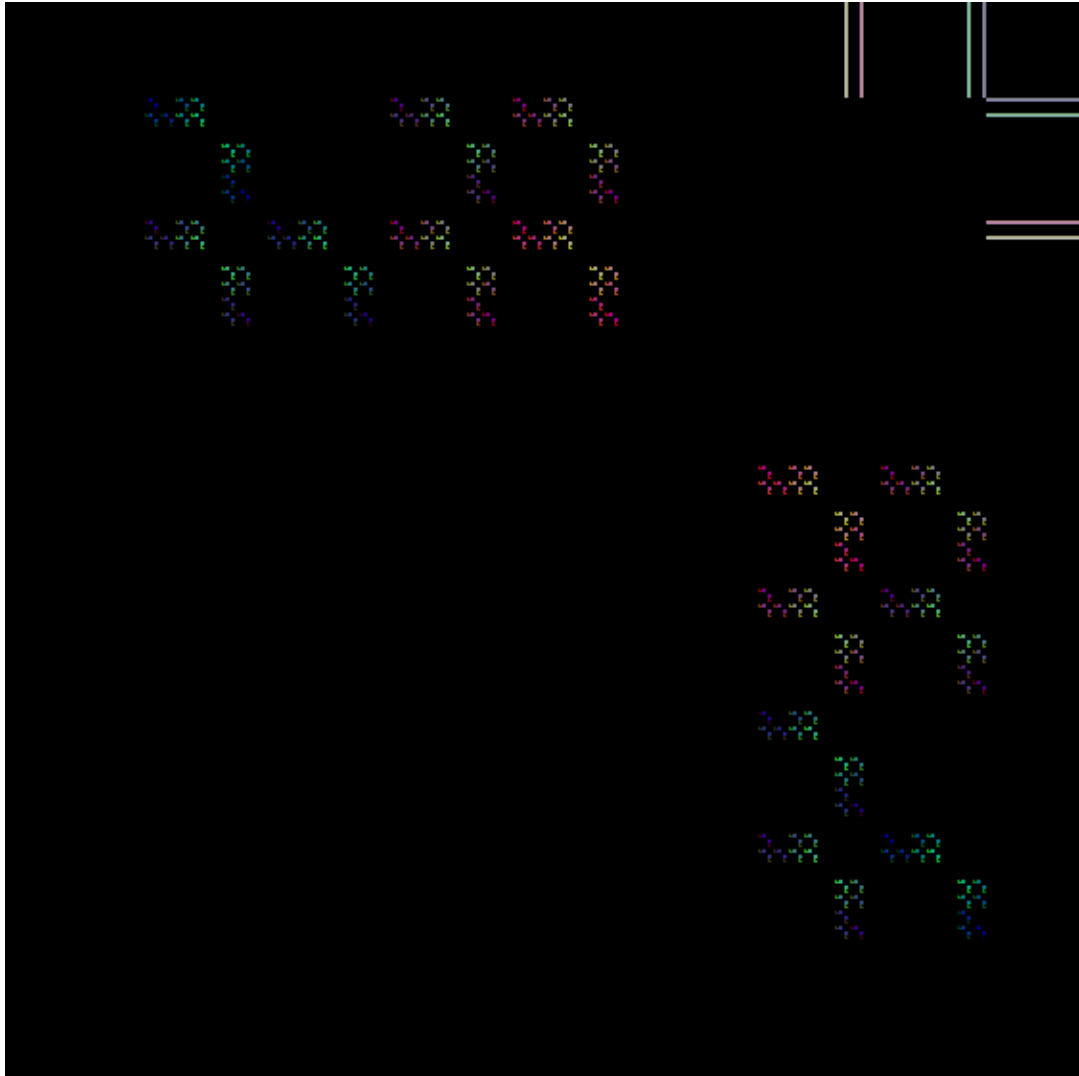
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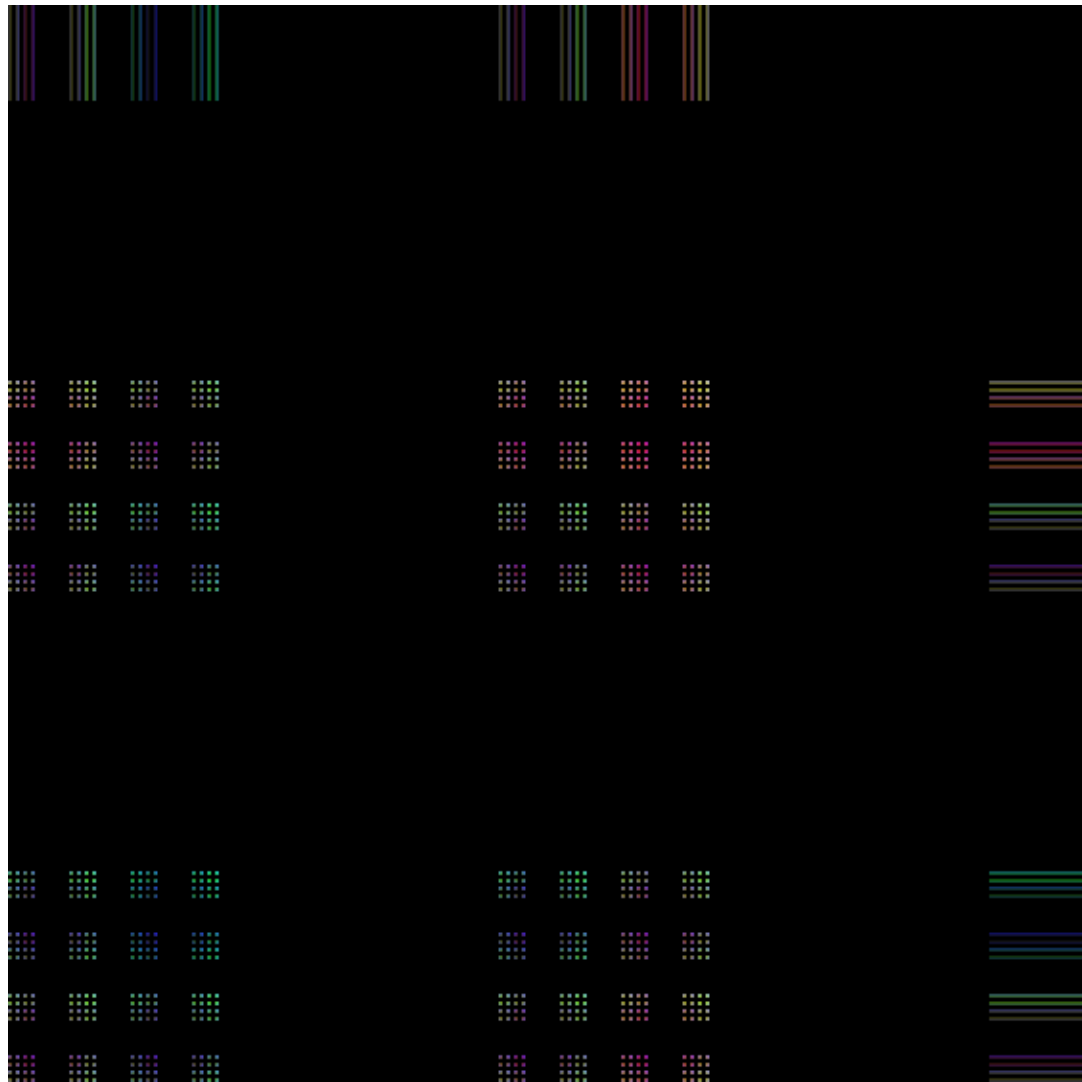
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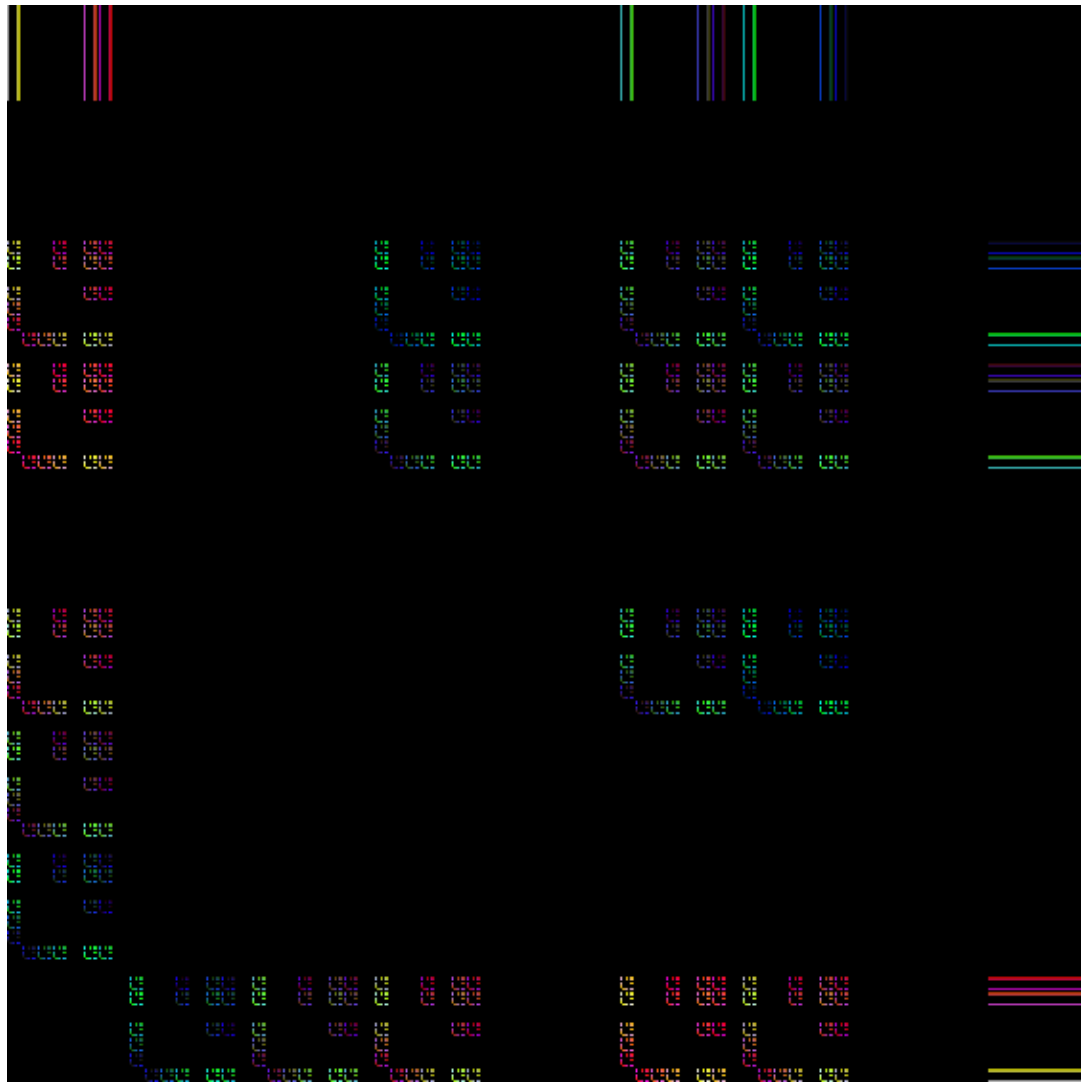
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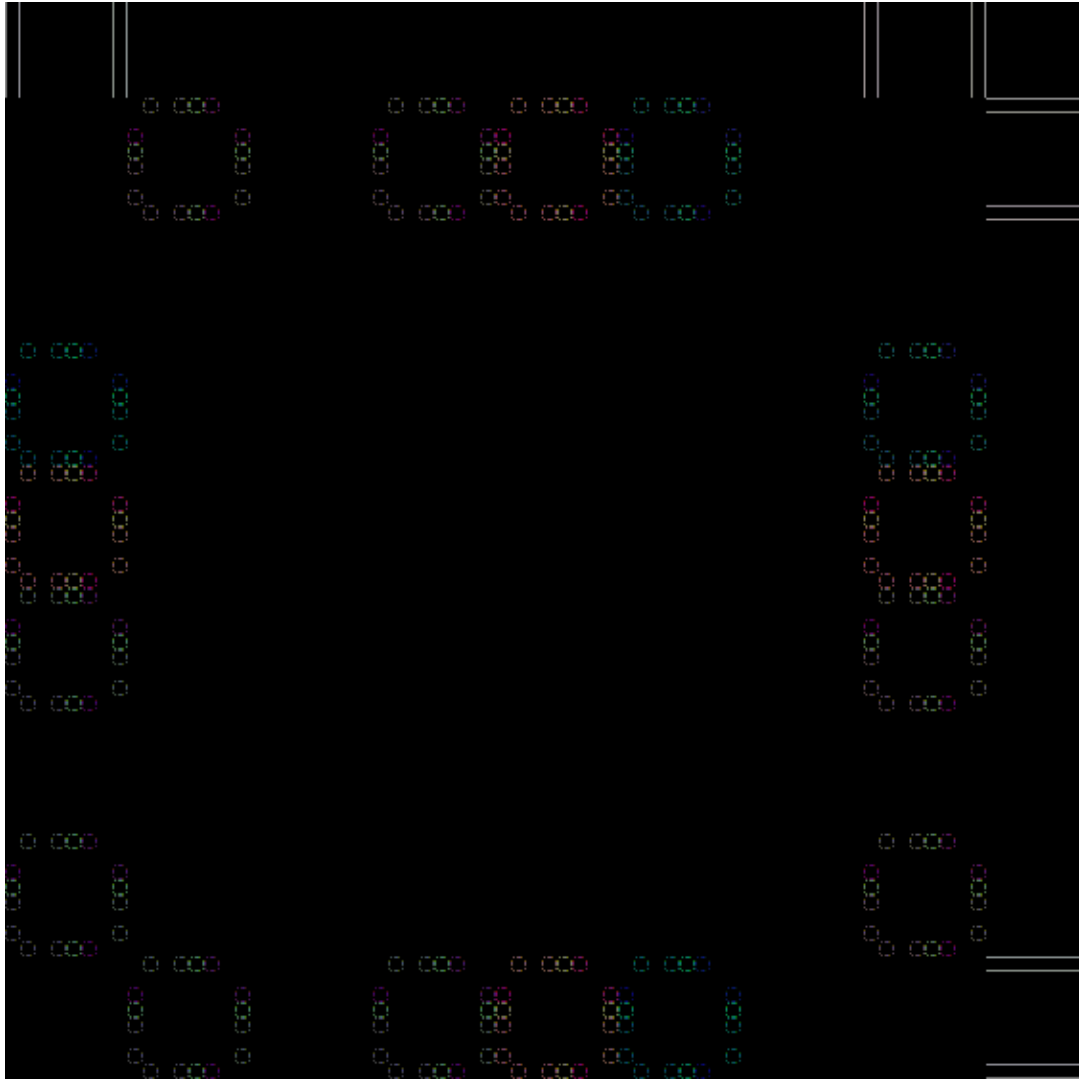
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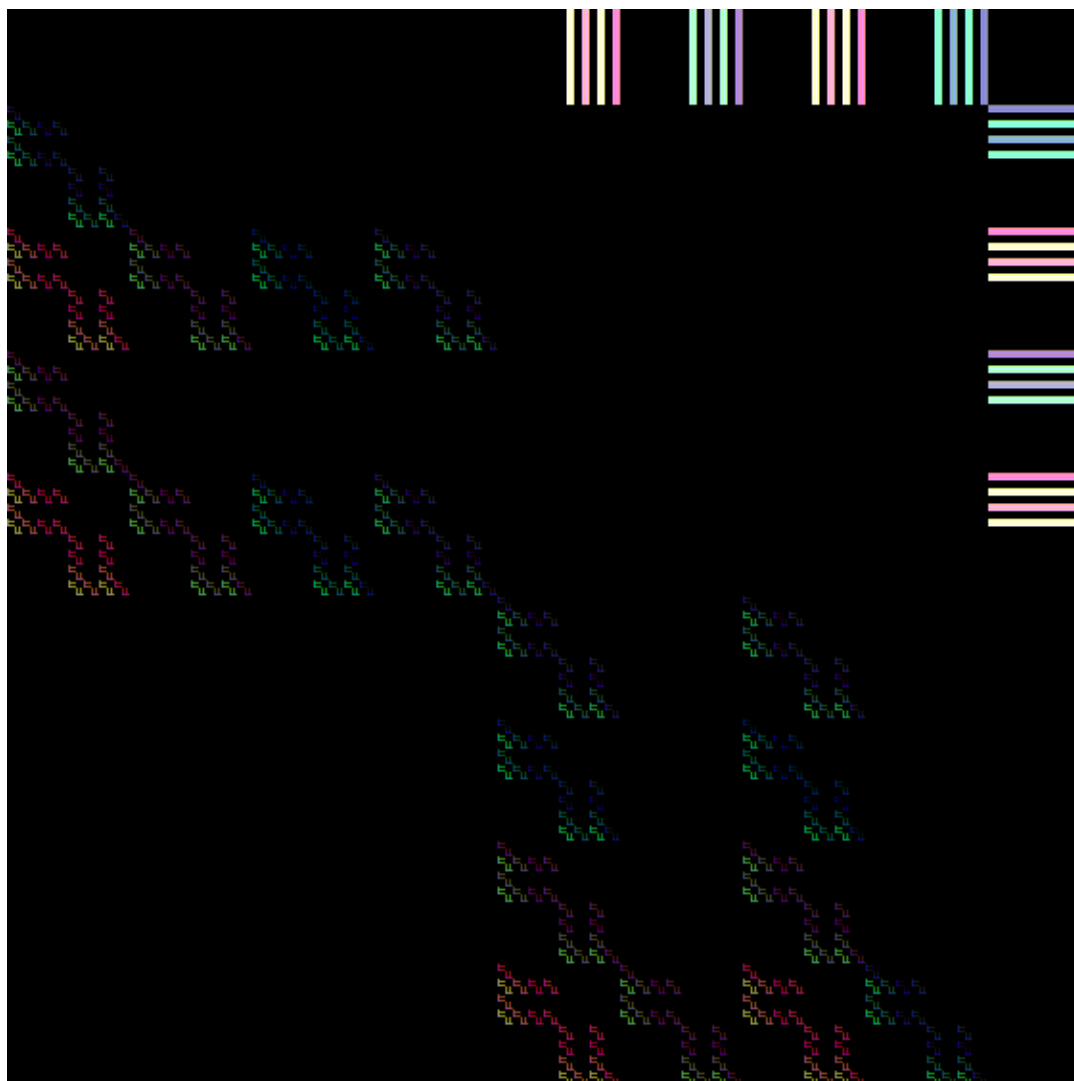
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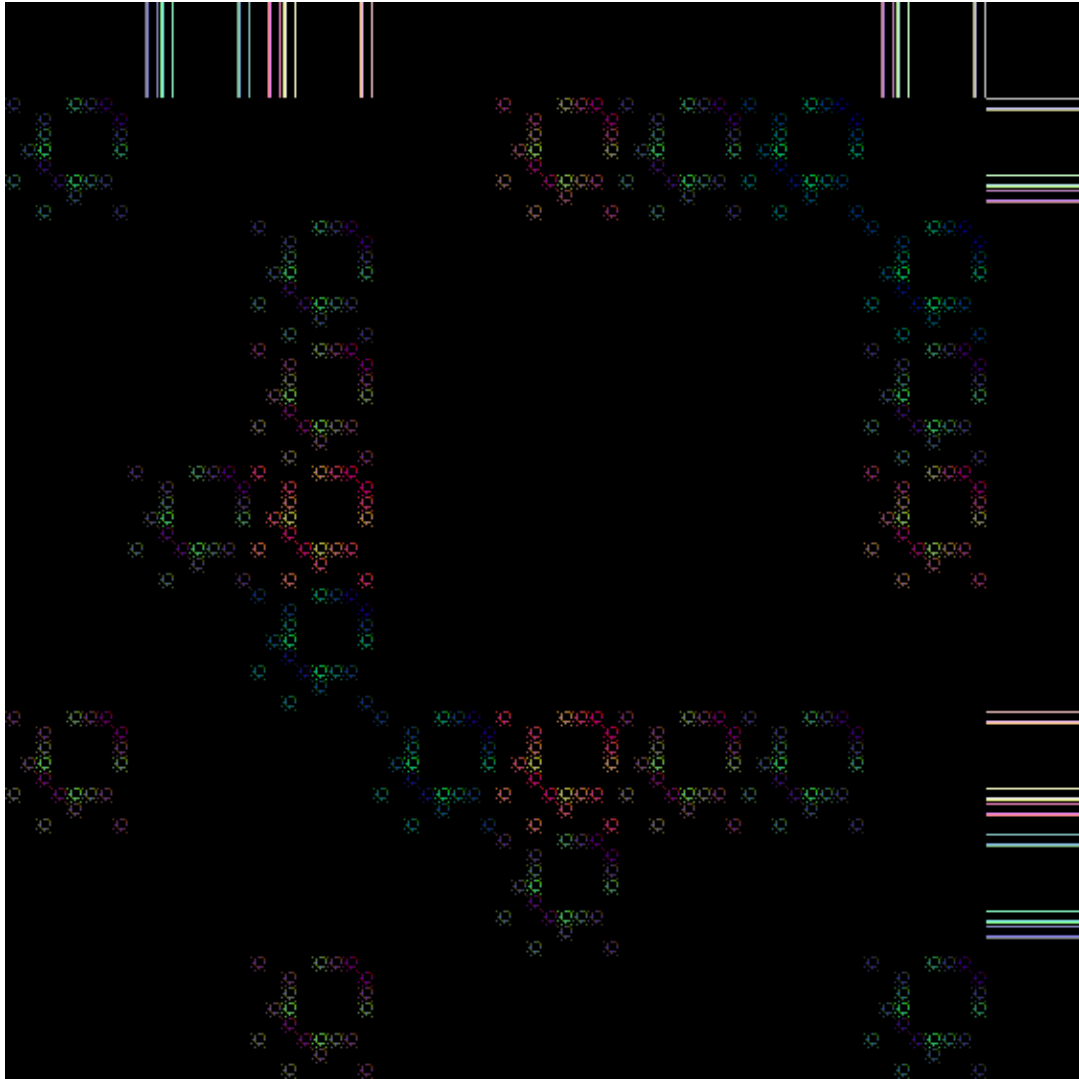
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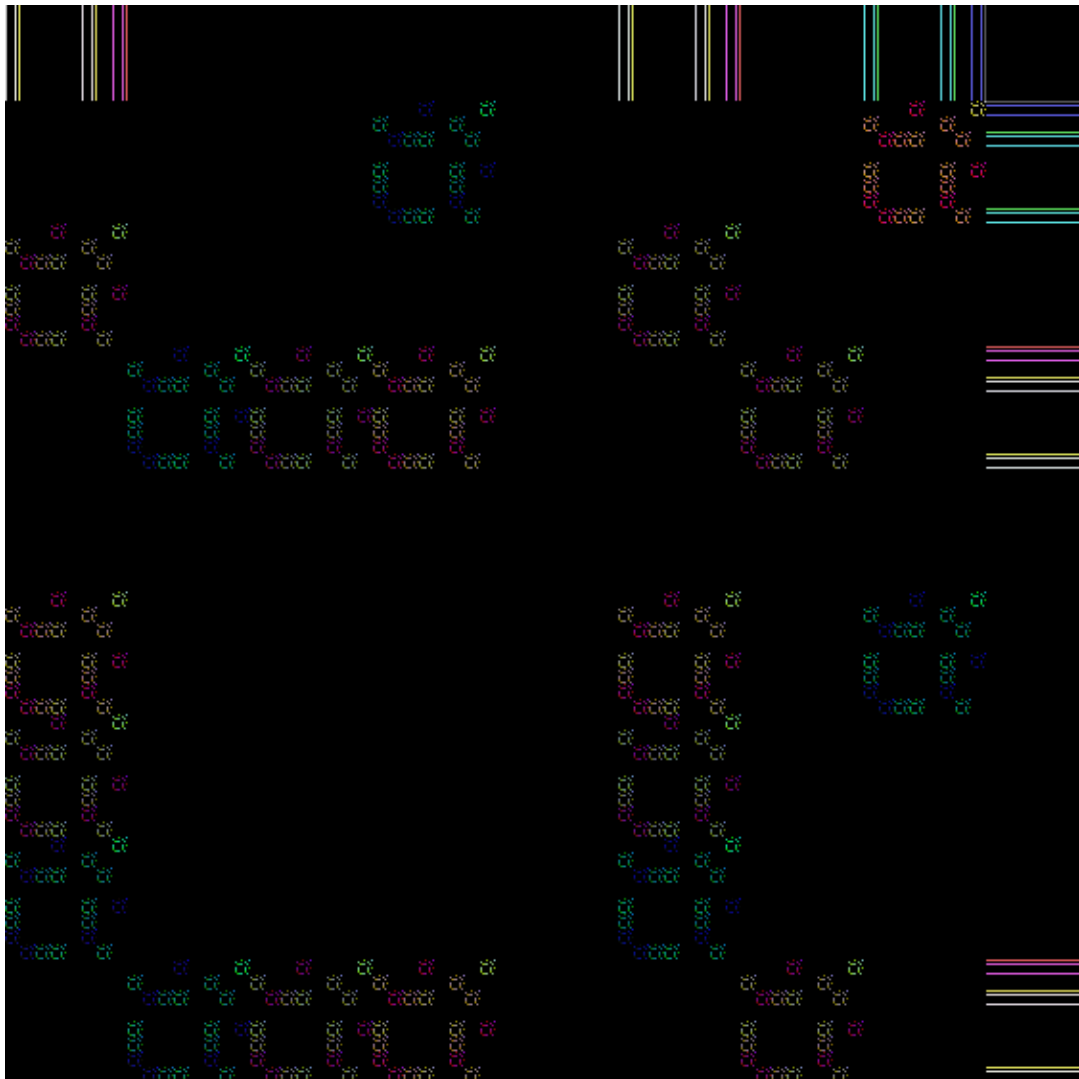
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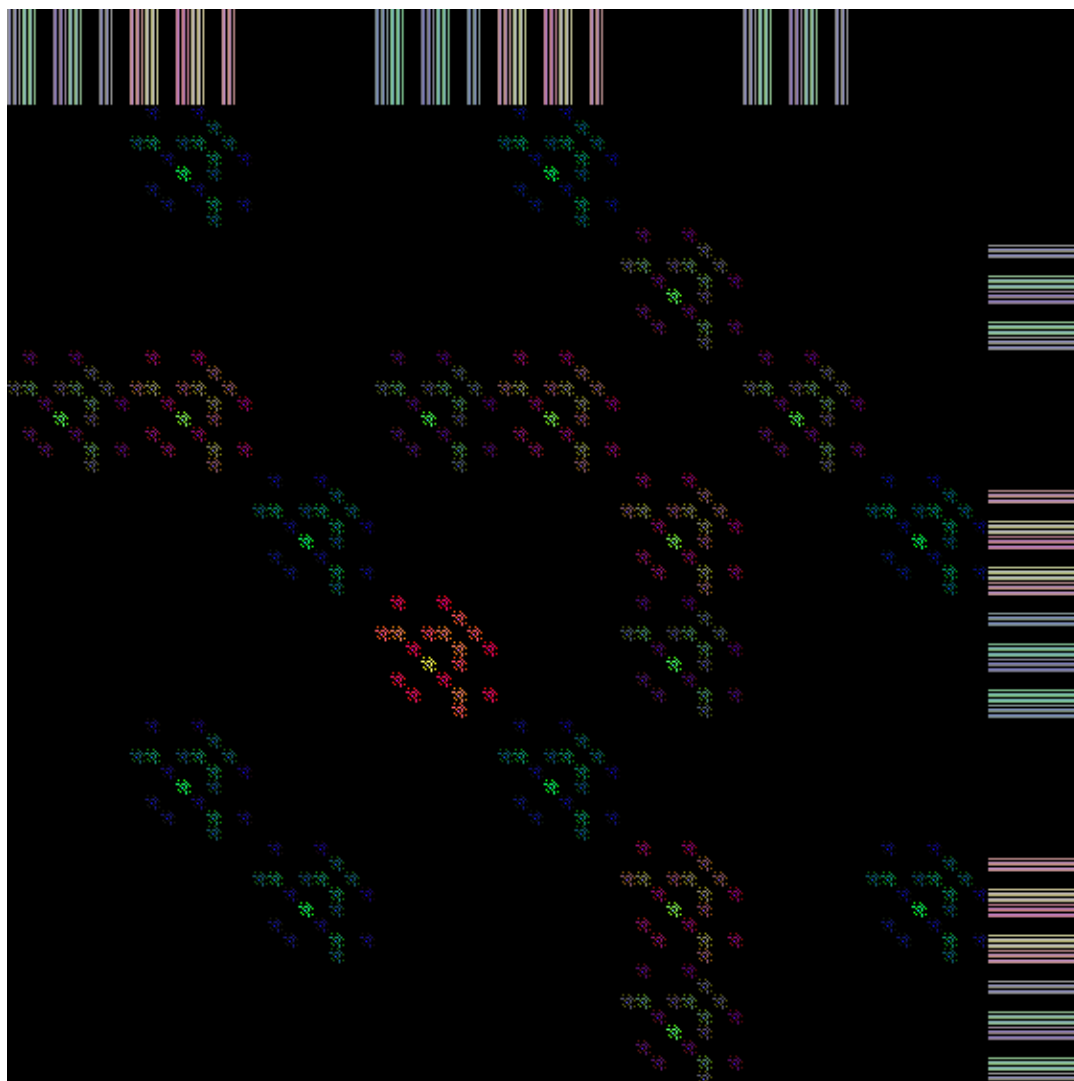
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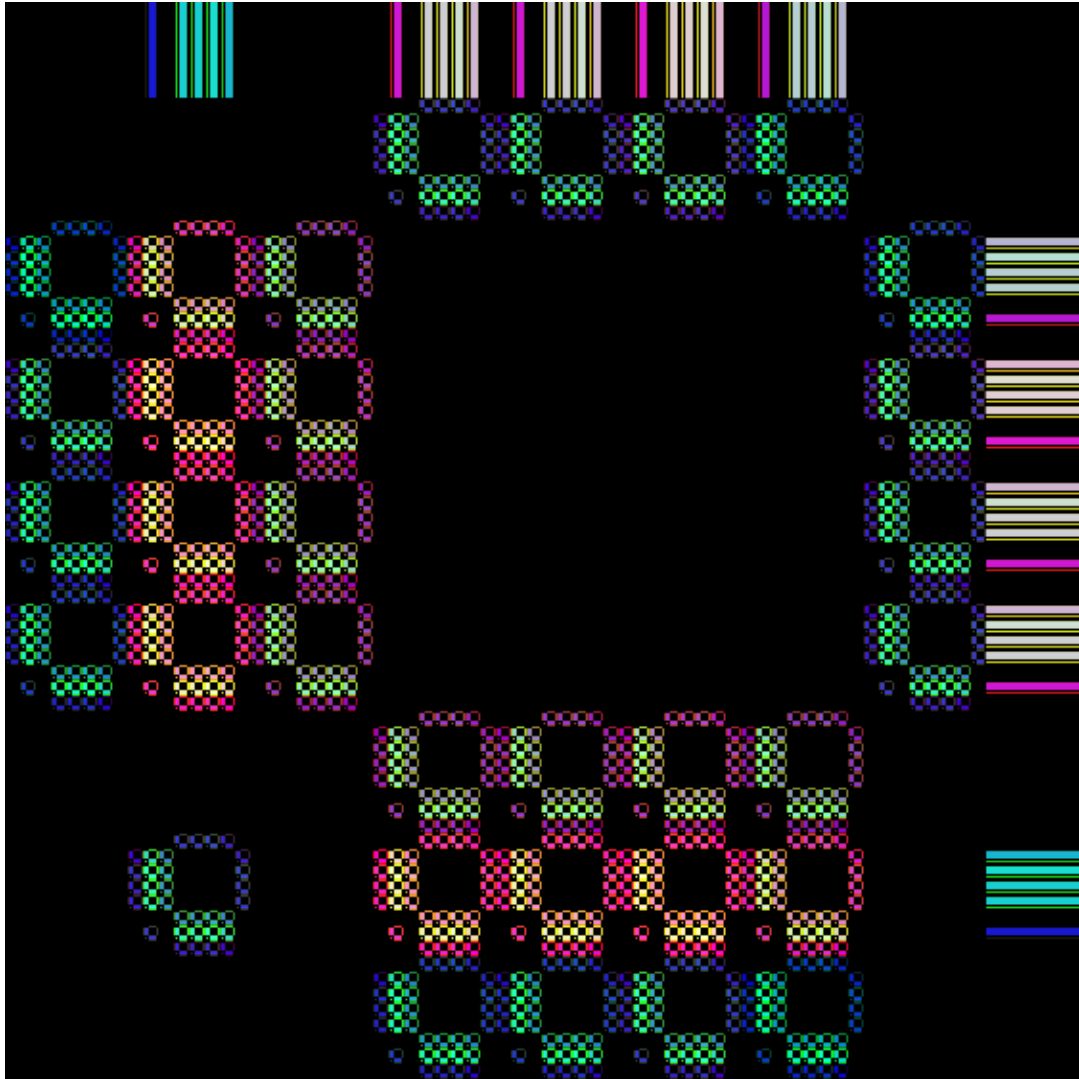
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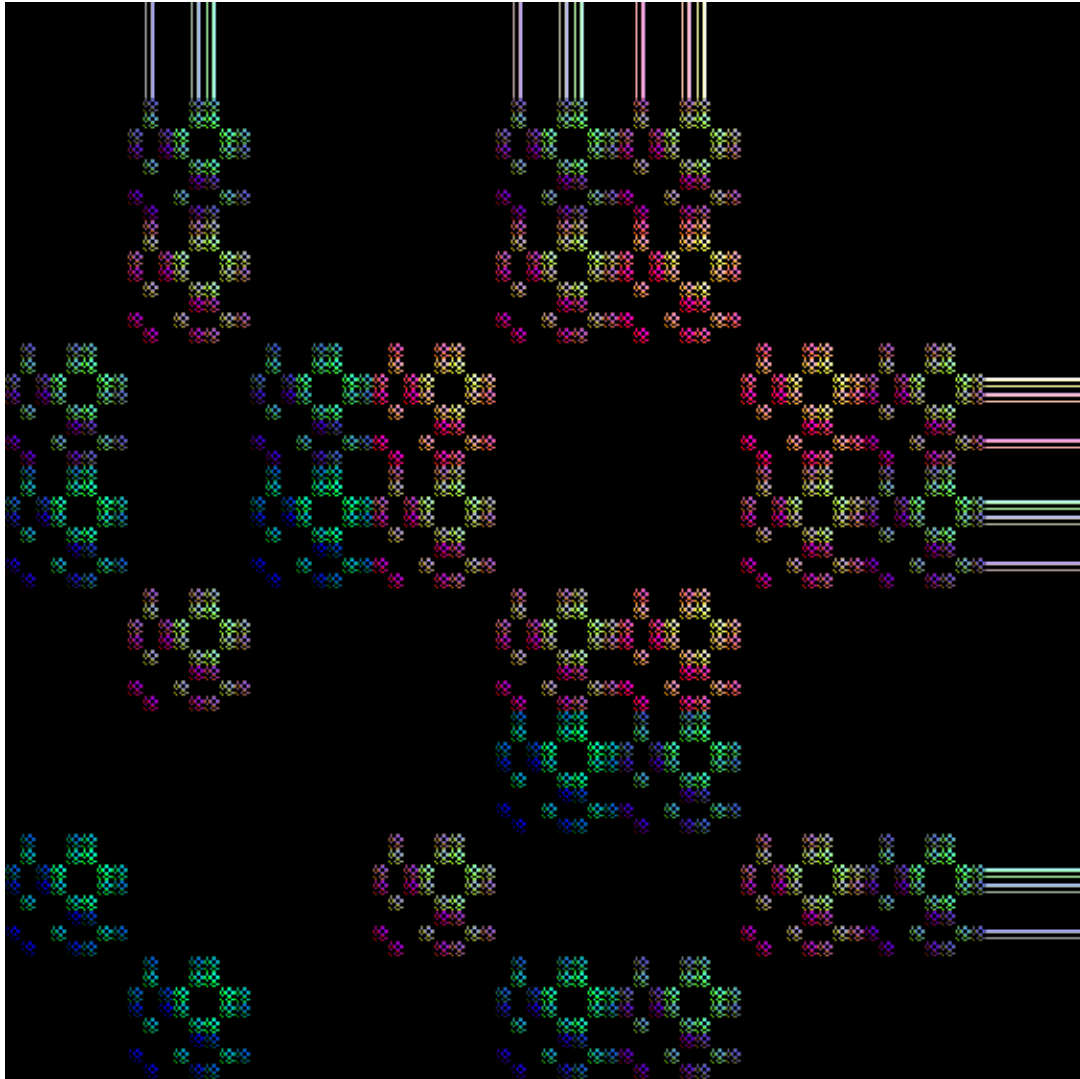
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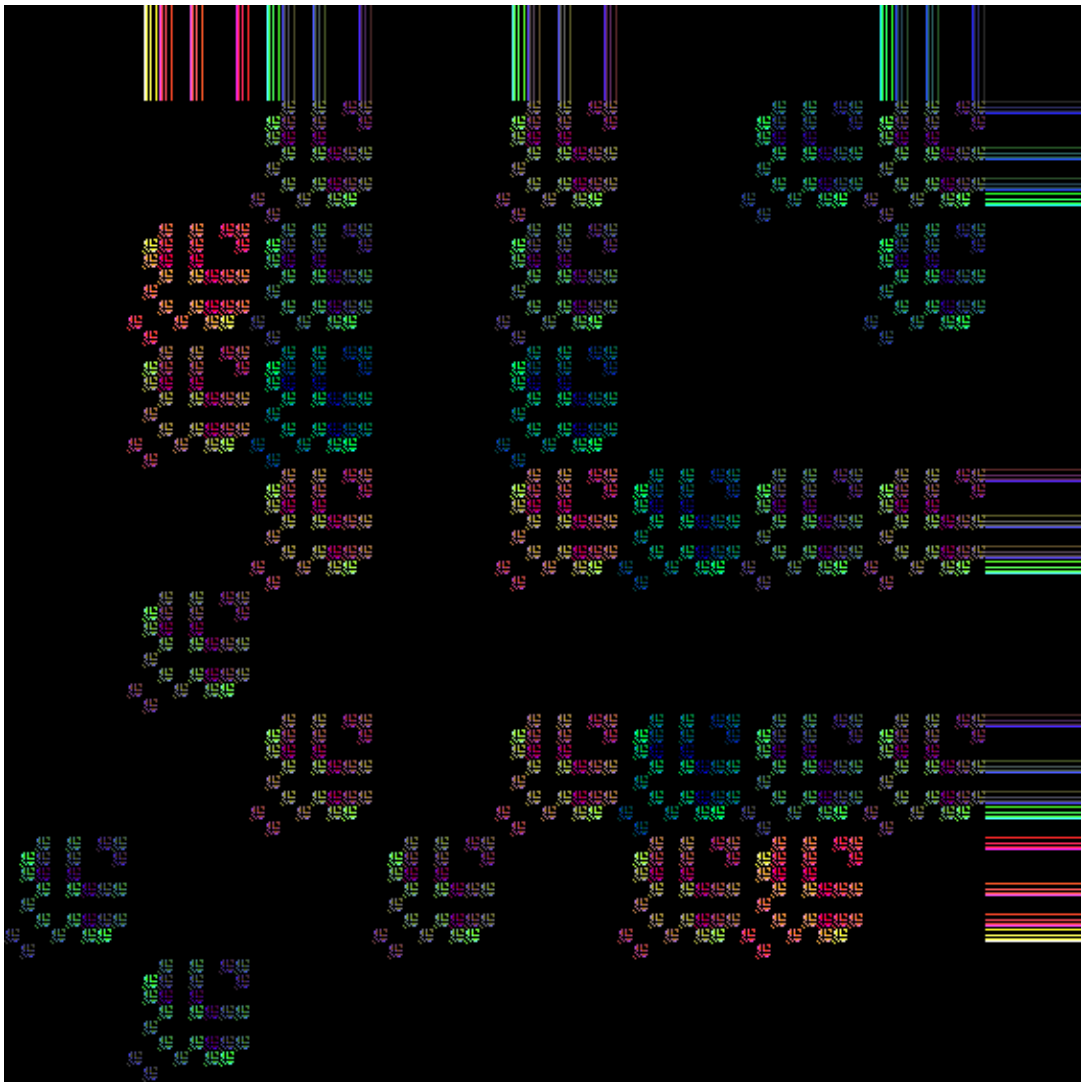
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98 -0.7192 0.9753 0.2882 -0.5244 0.3470 -0.2927 -0.01178 0.1747



99 0.2614 0.6682 0.9167 0.4698 -0.8314 -0.5095 0.7625 -0.7197

