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Rudolf Kaehr

(1942-2016)

Title

Kähr's Catalog of morphic CA-Patterns
Part IV: Examples of rule-DCKV-5

Archive-Number / Categories

3_51 / K12, K09, K11

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Keywords / Topics

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Disciplines

Computer Science, Artificial Intelligence and Robotics, Logic and Foundations of Mathematics, Cybernetics, Theory of Science

Abstract

Kähr's Catalog of morphic CA-Patterns – [See here](#)

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Kähr's Catalog of morphic CA-Patterns

Part IV: Examples of rule-DCKV-5

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Systems of morphoCA^(5,5)

Requisites

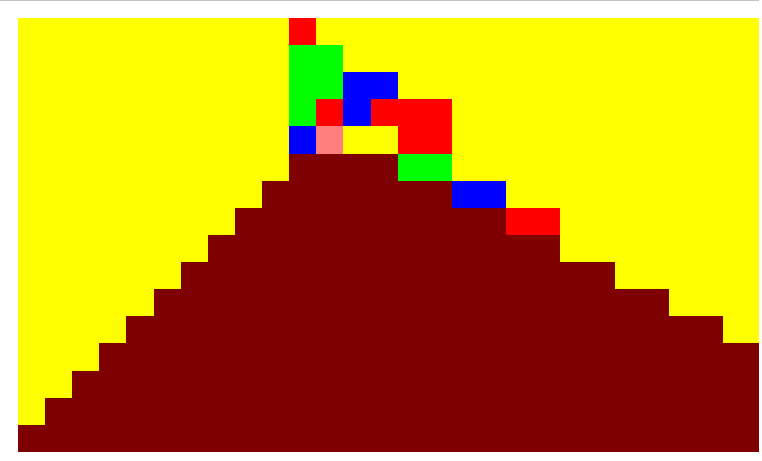
Procedures morphoDCKV
Rules

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e	2120	2121	2122	2123	
f	2210	2211	2212	2213	
g	2220	2221	2222	2223	
h	2110	2111	2112	2113	
i	2130	2131	2132	2133	2134
j	1230	1231	1232	1233	1234
k	2230	2231	2232	2233	2234
l	2310	2311	2312	2313	2314
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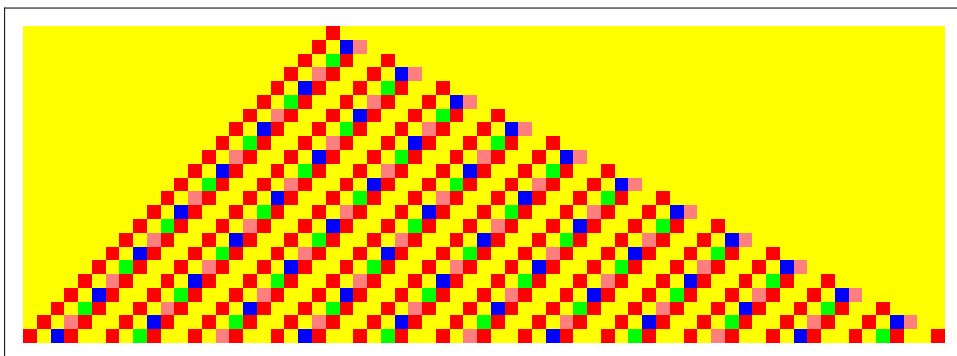
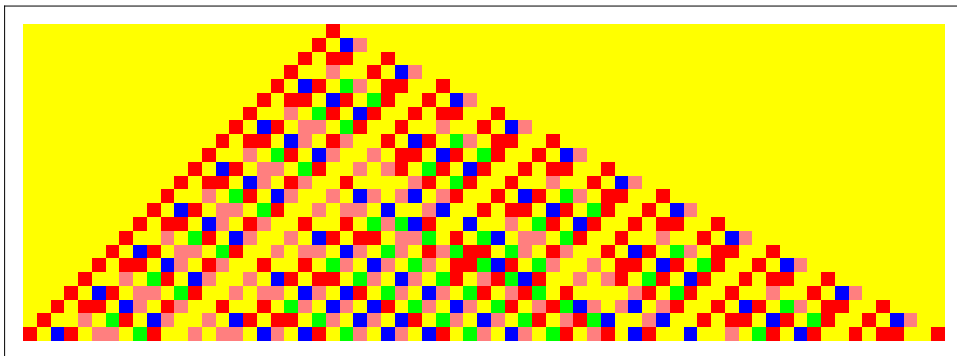
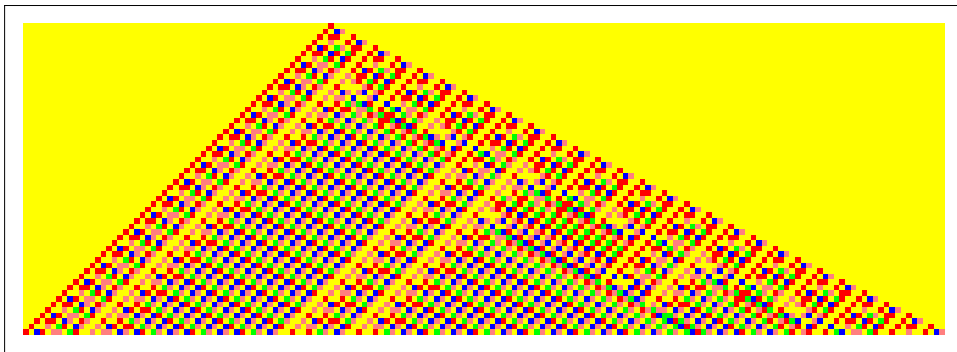
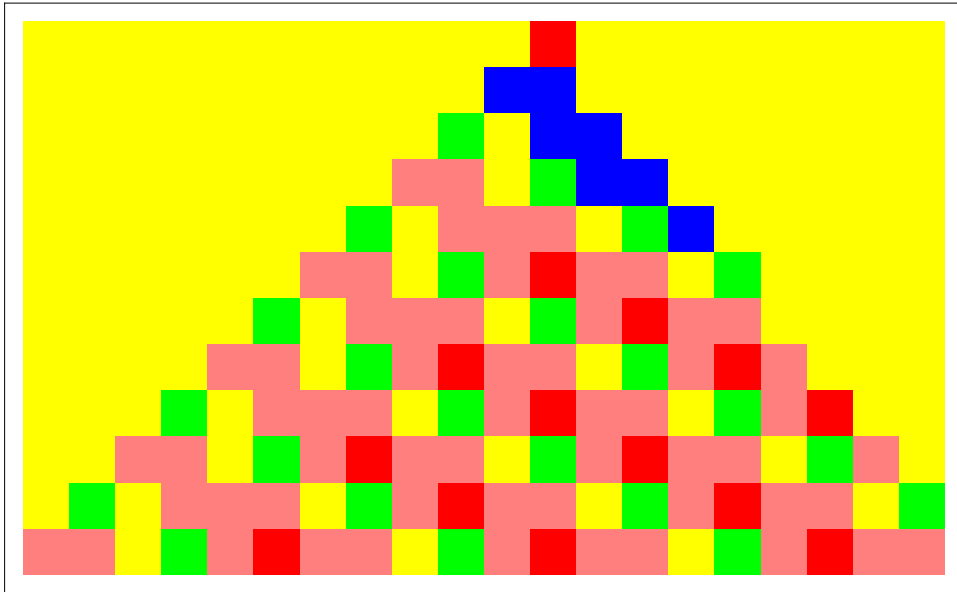
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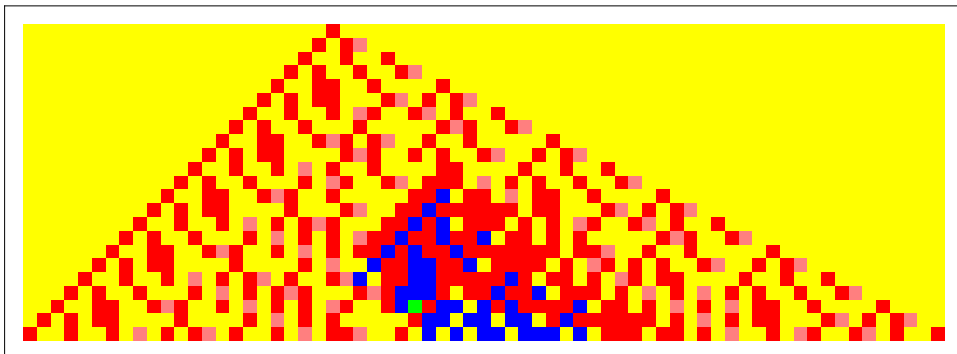
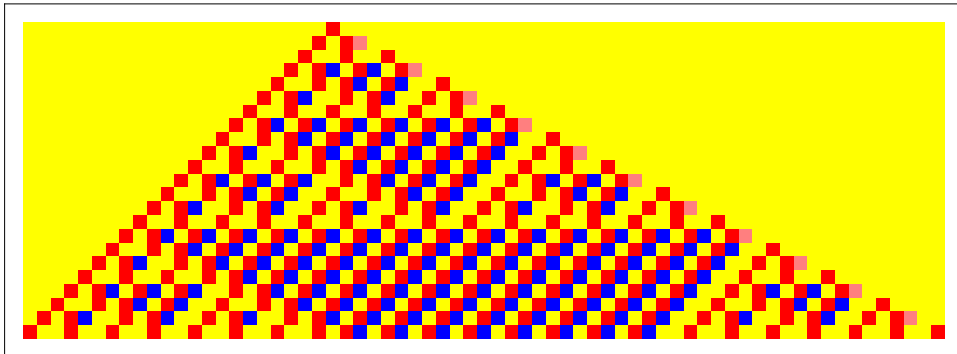
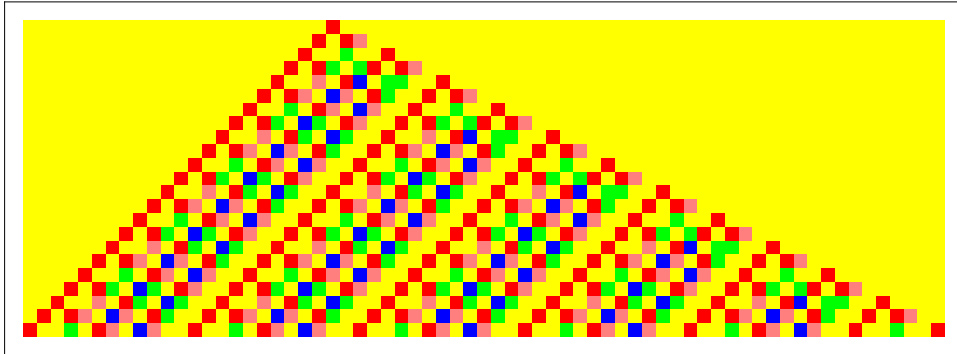
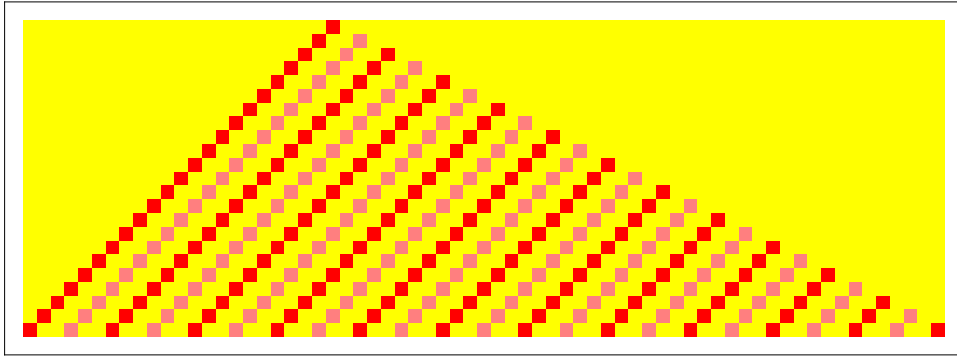
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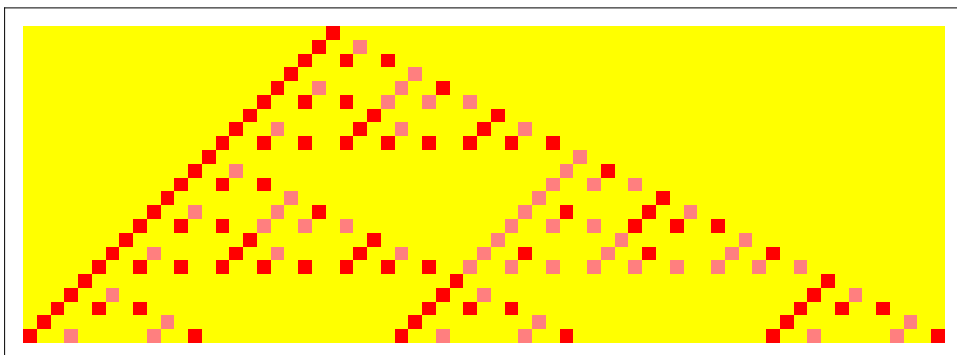
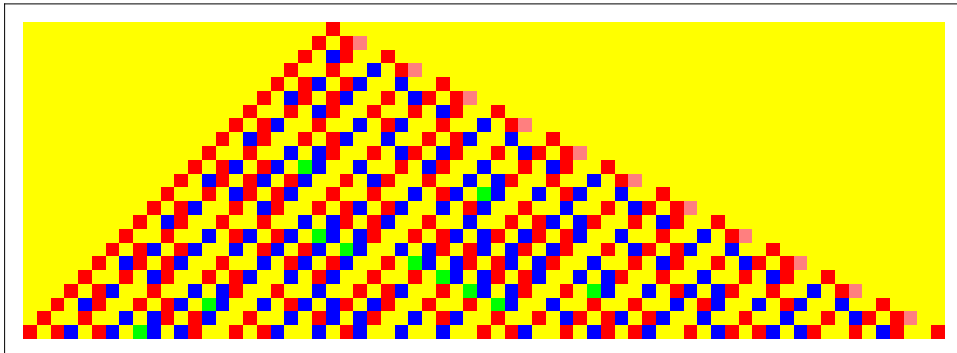
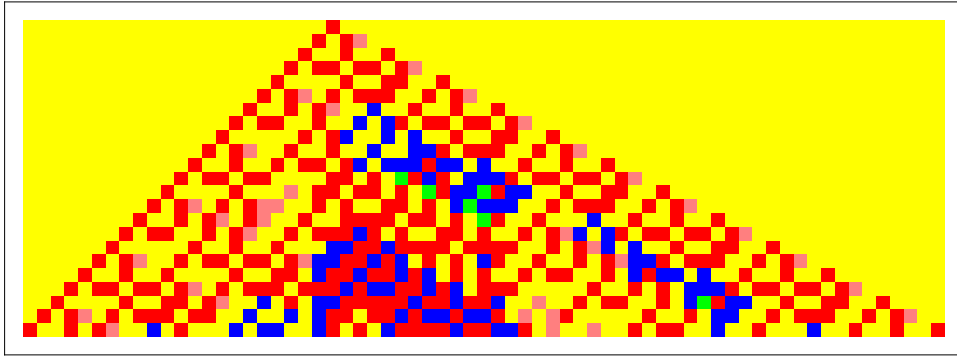
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Examples morphoCA^(5,5,5)

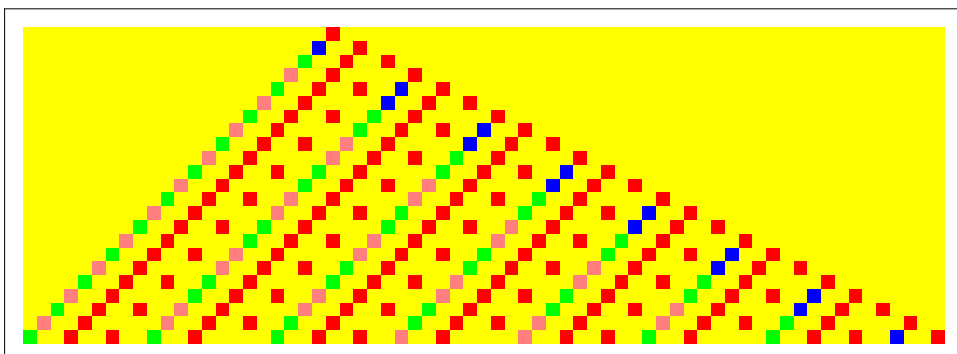


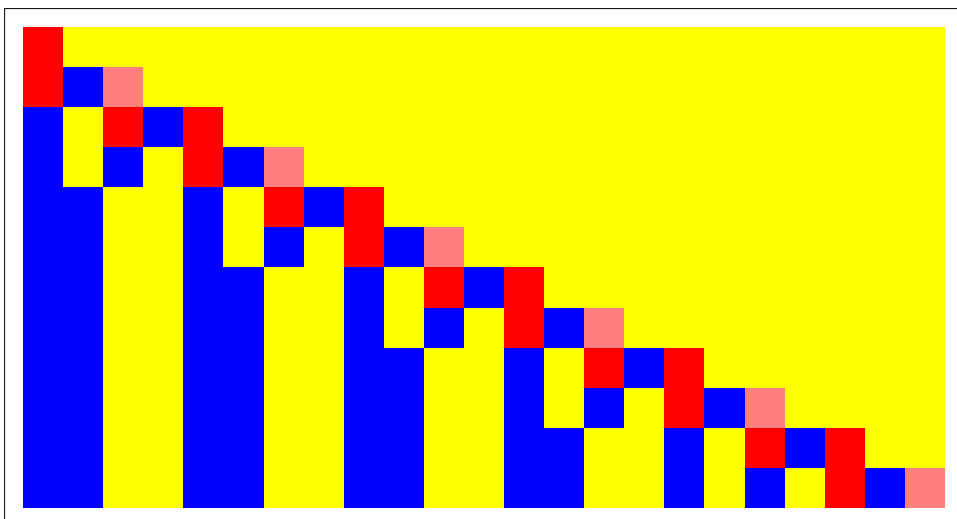
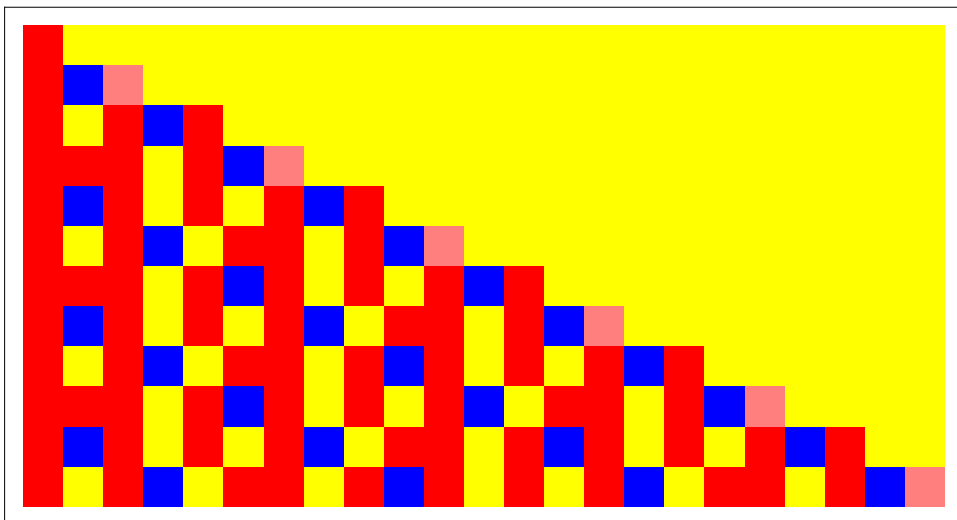
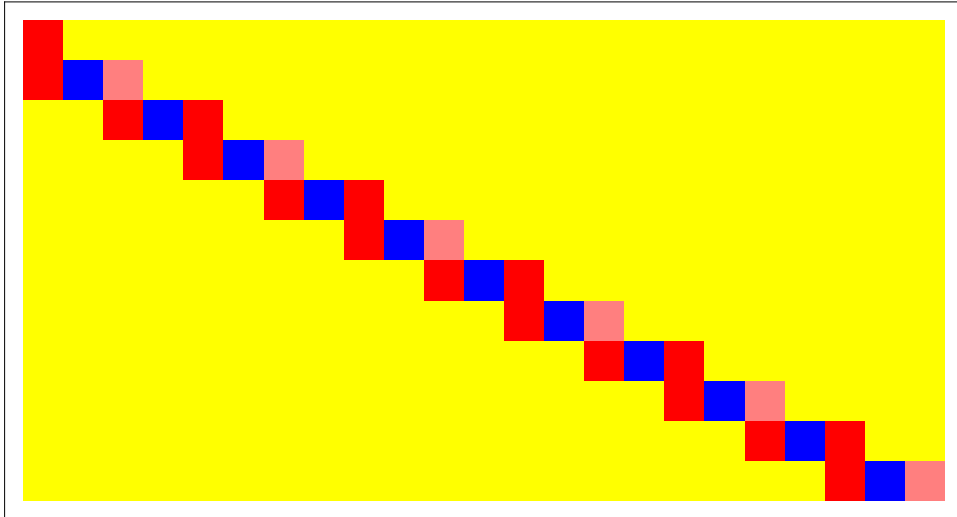




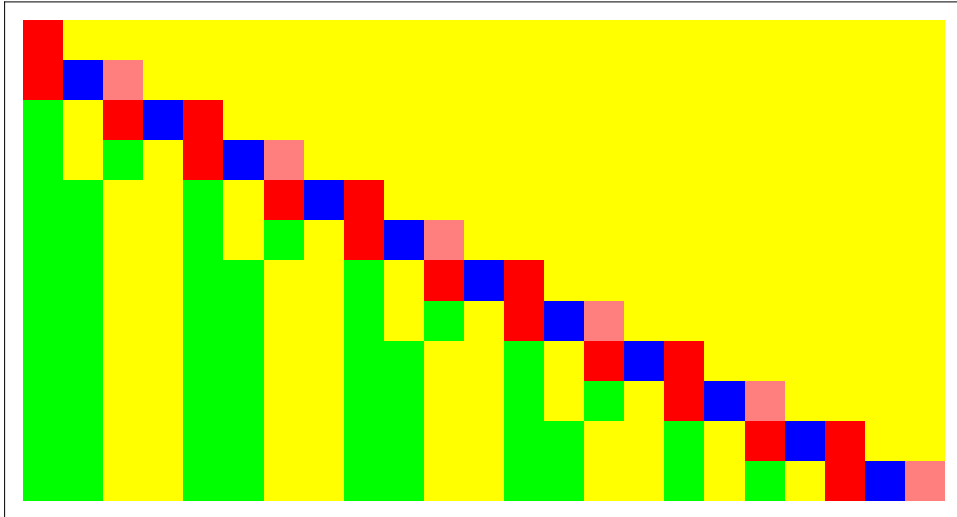
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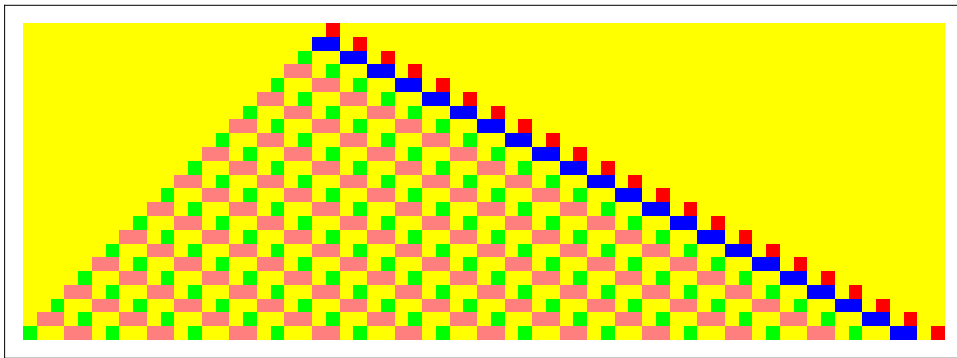




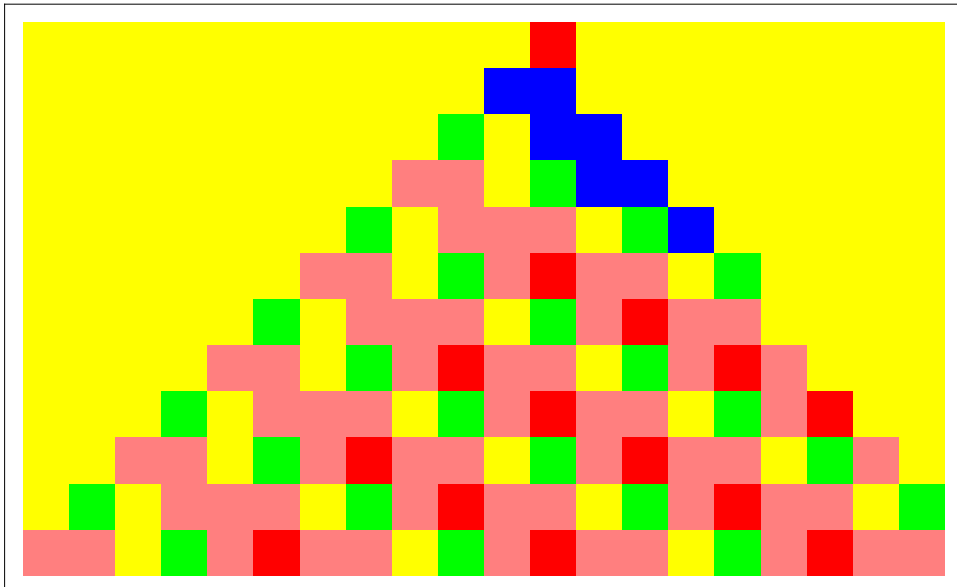
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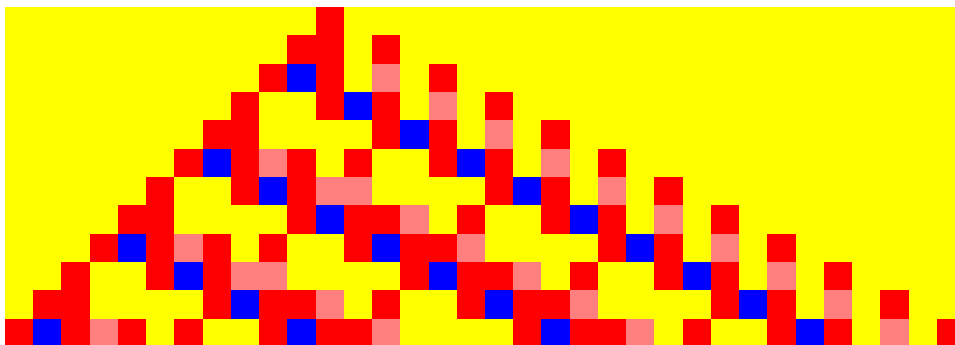
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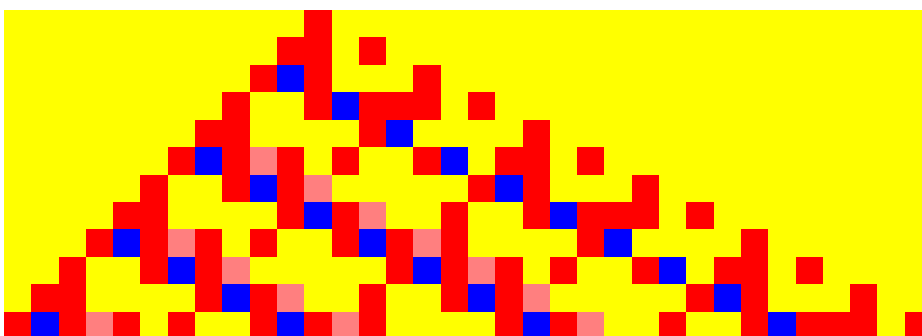
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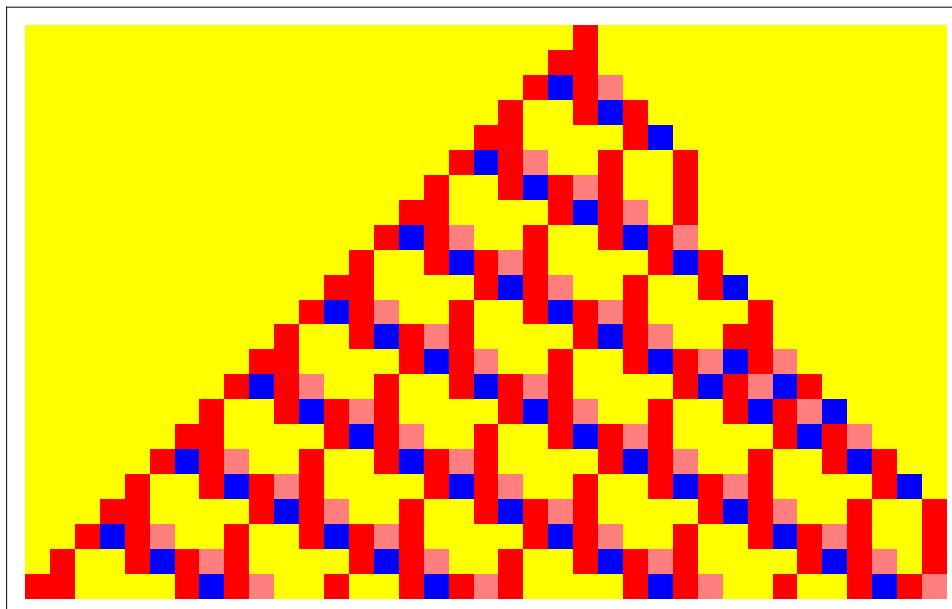
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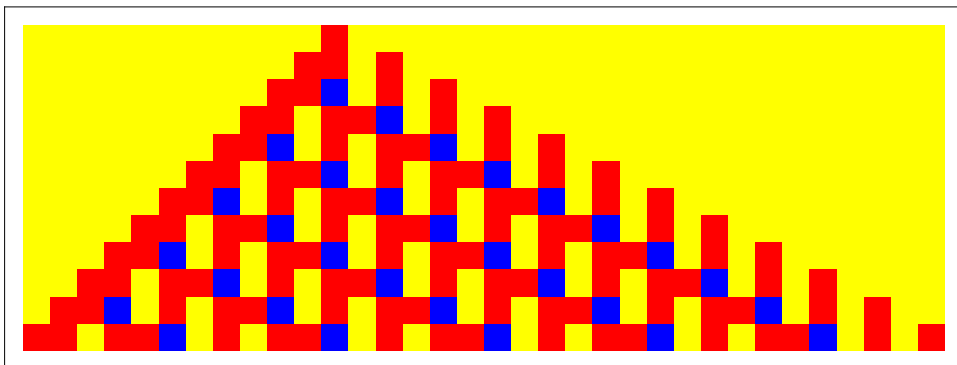
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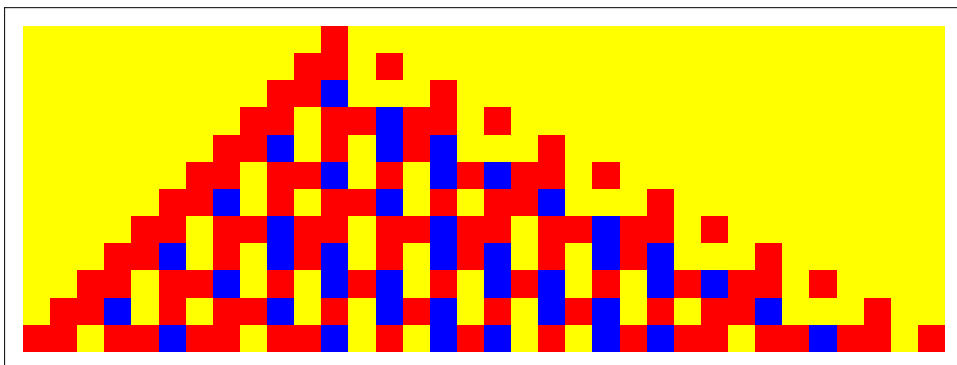
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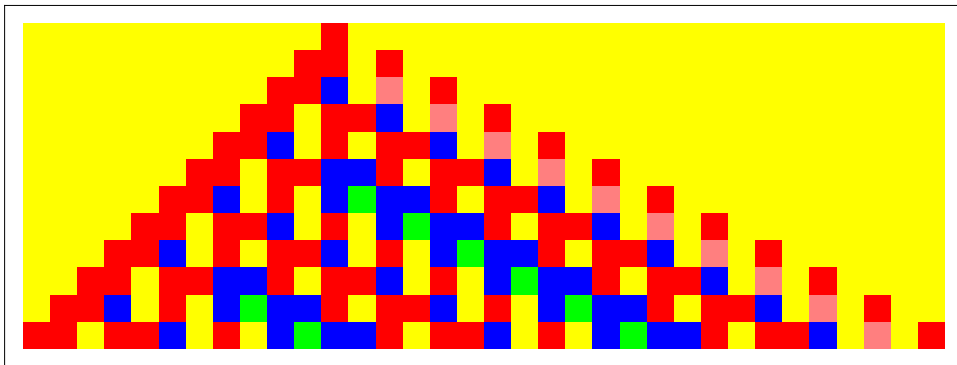
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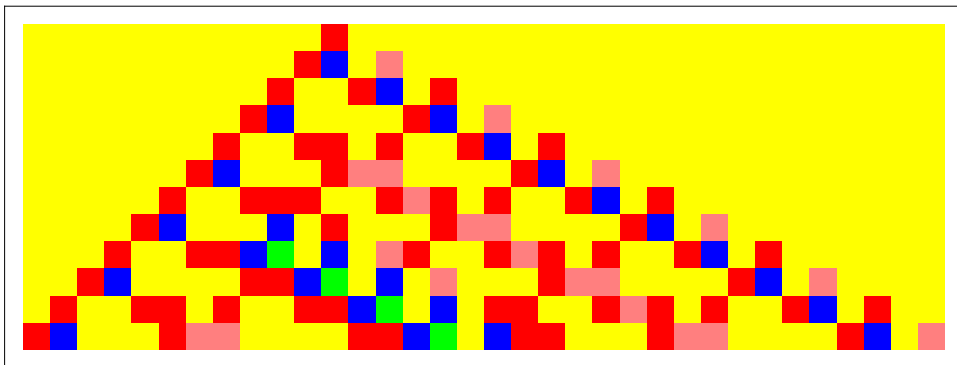
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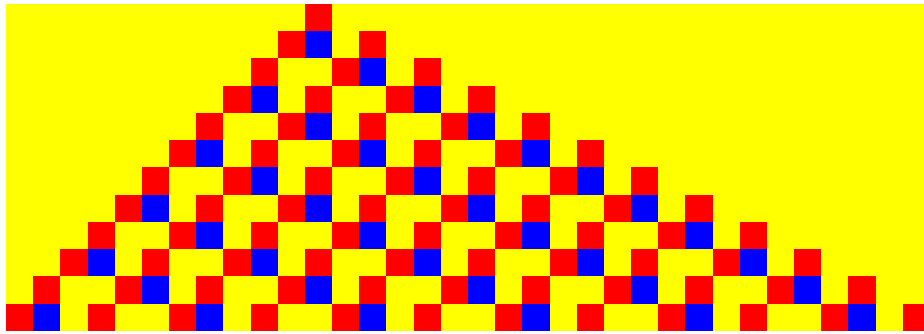


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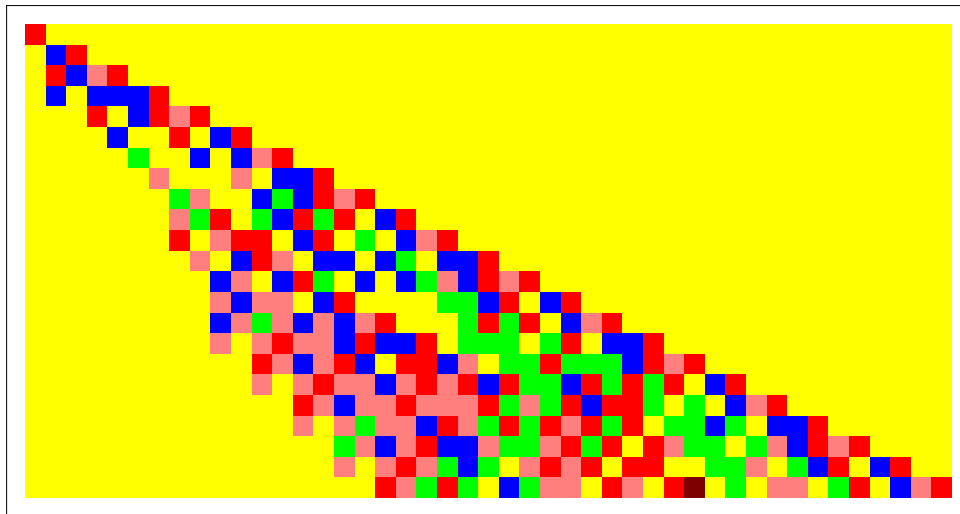


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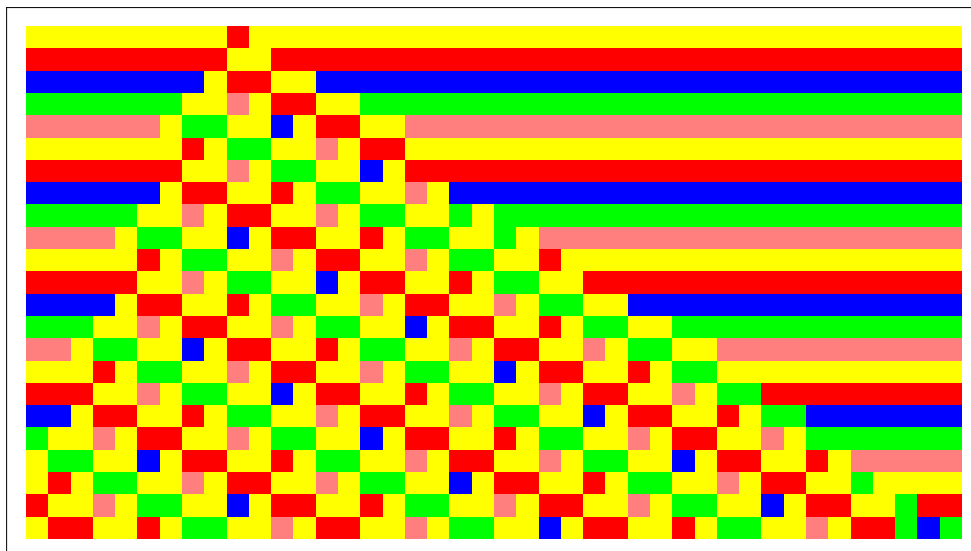




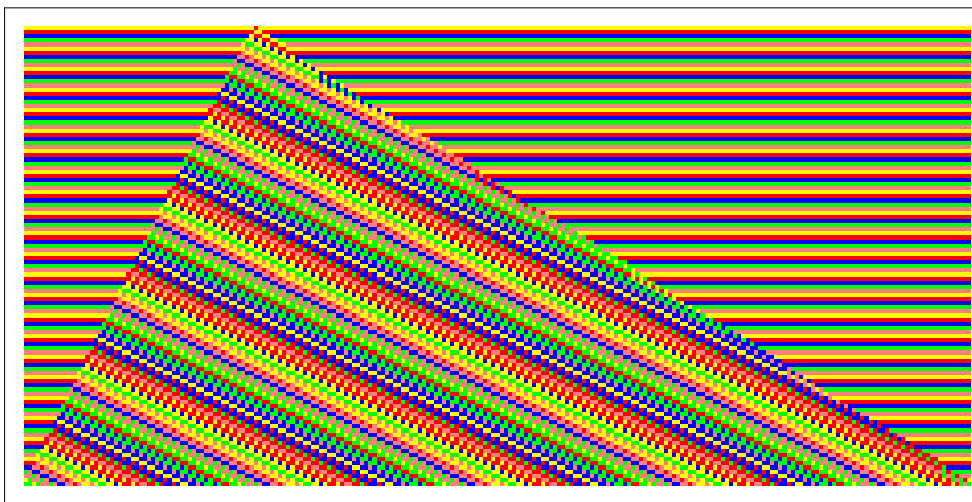
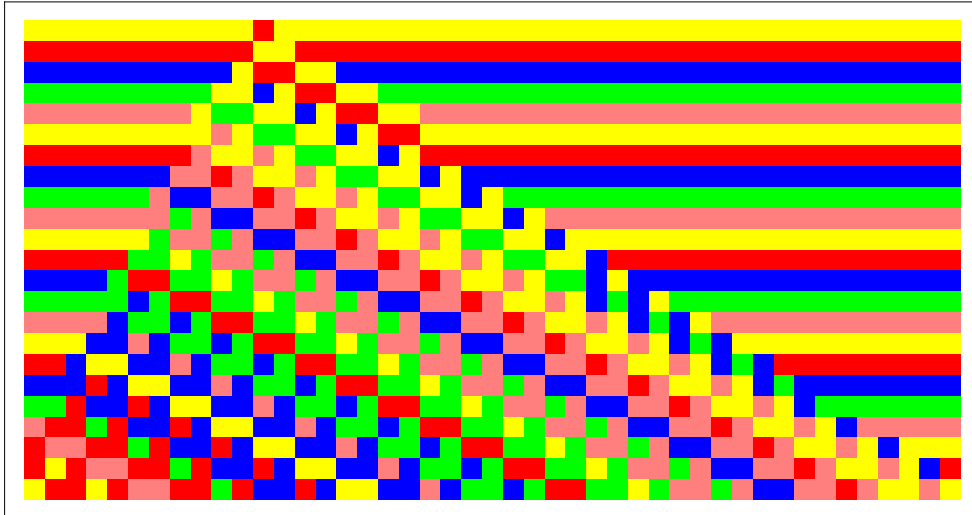
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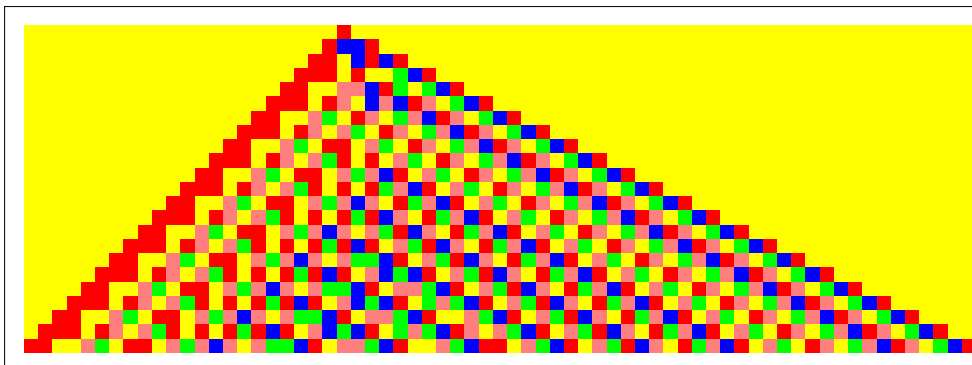
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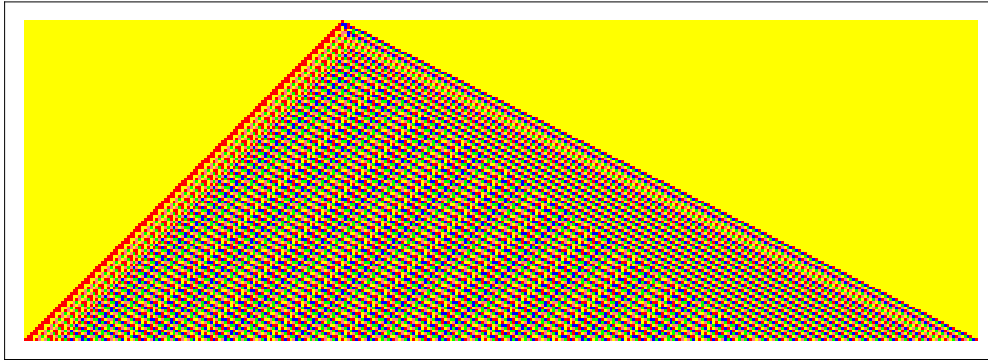


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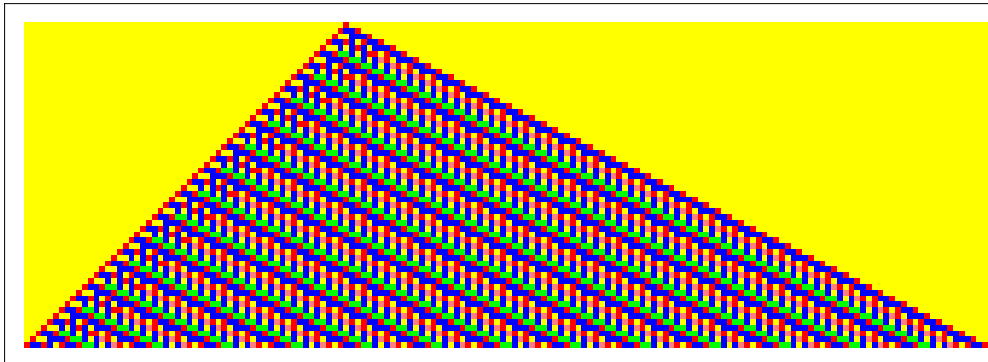
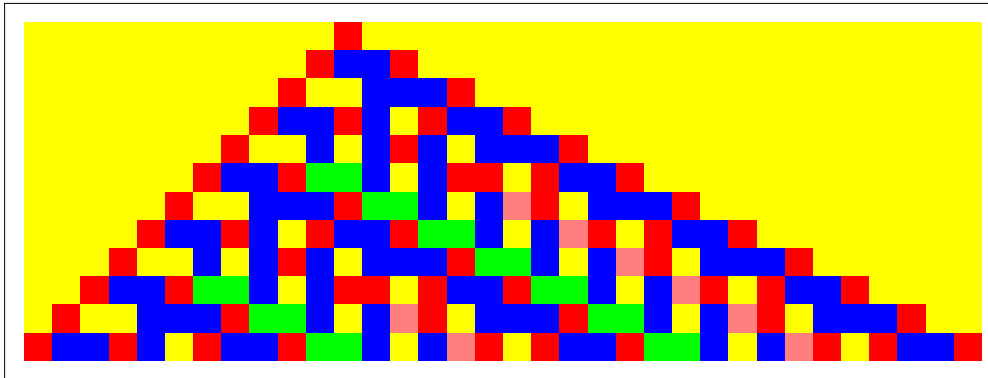


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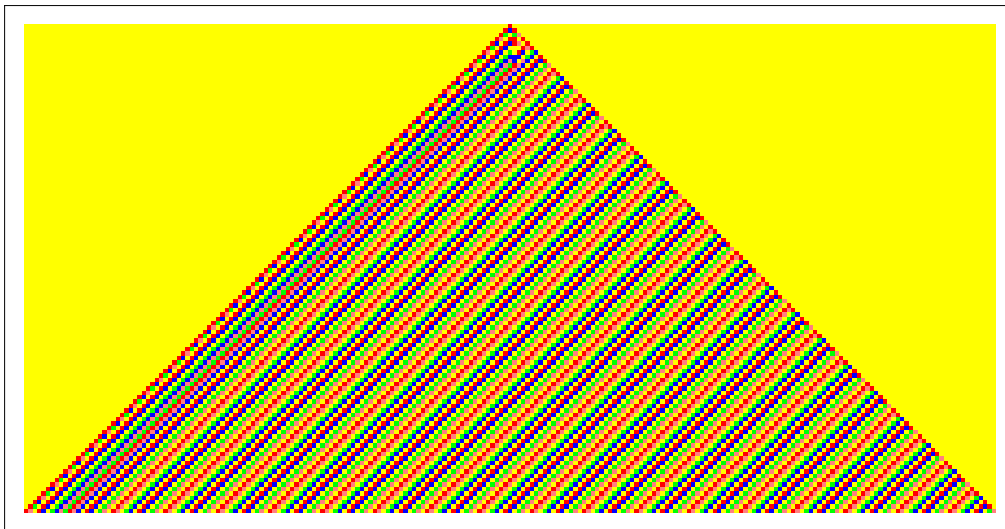
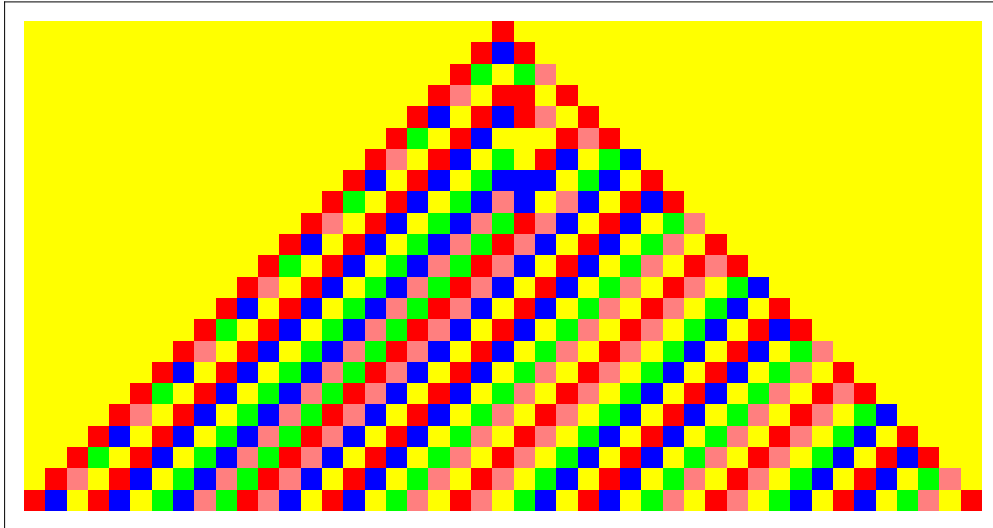




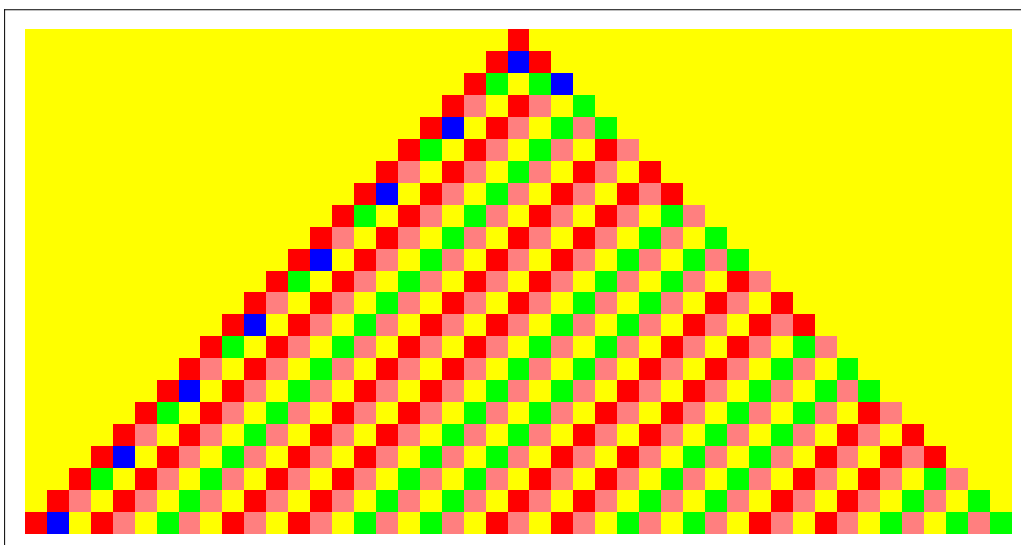
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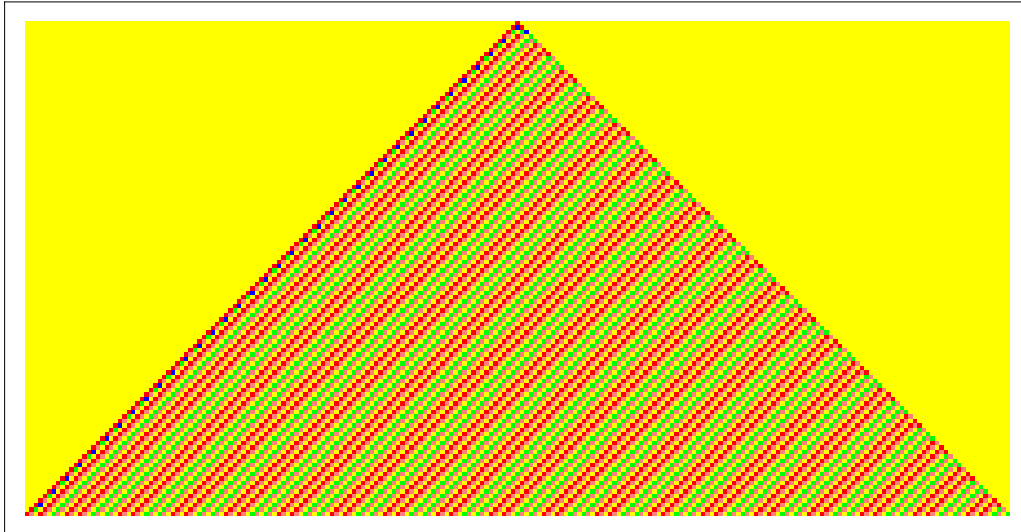


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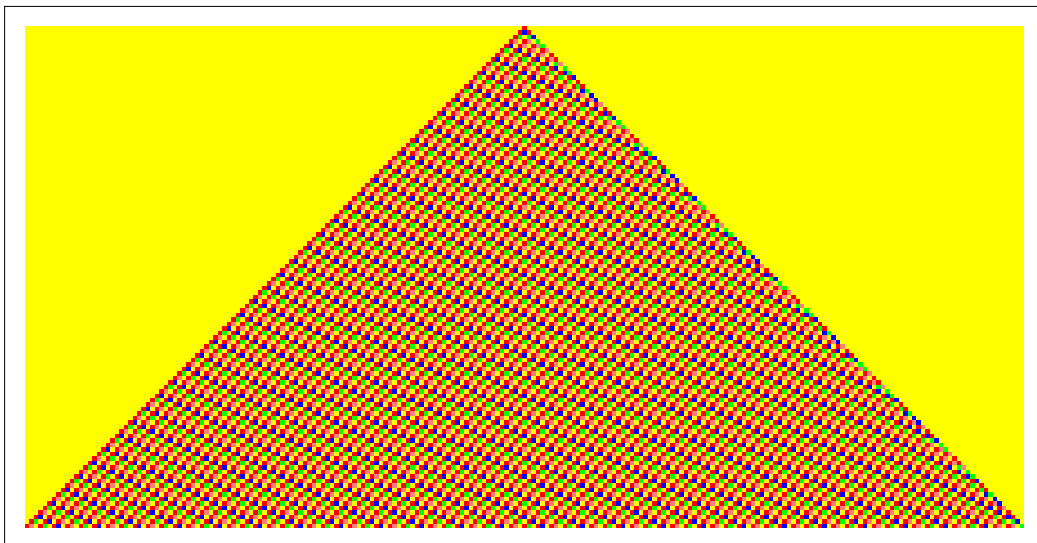
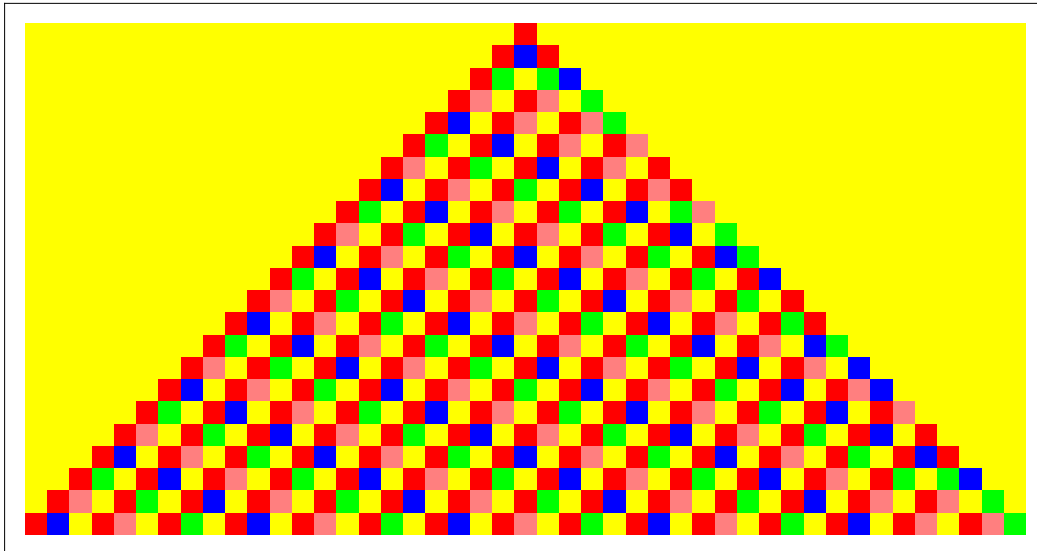


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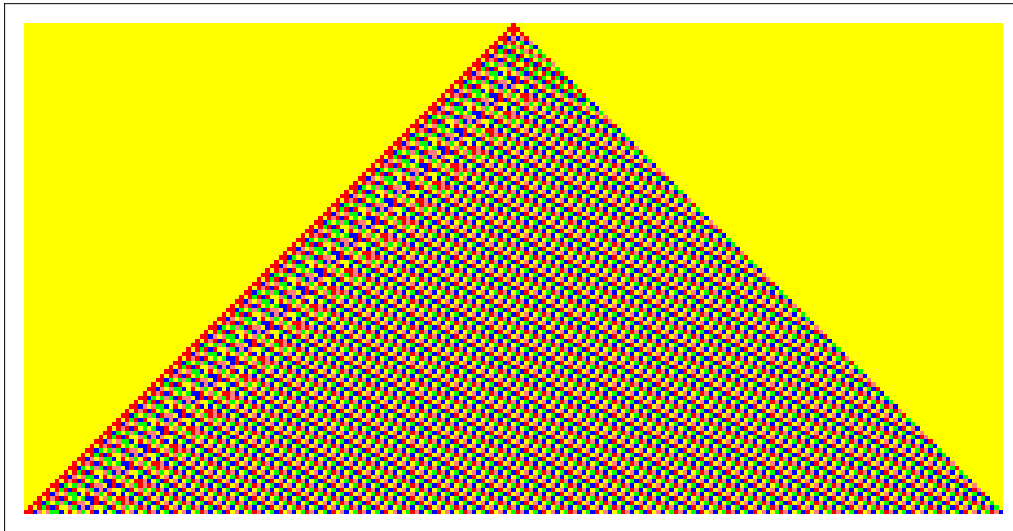
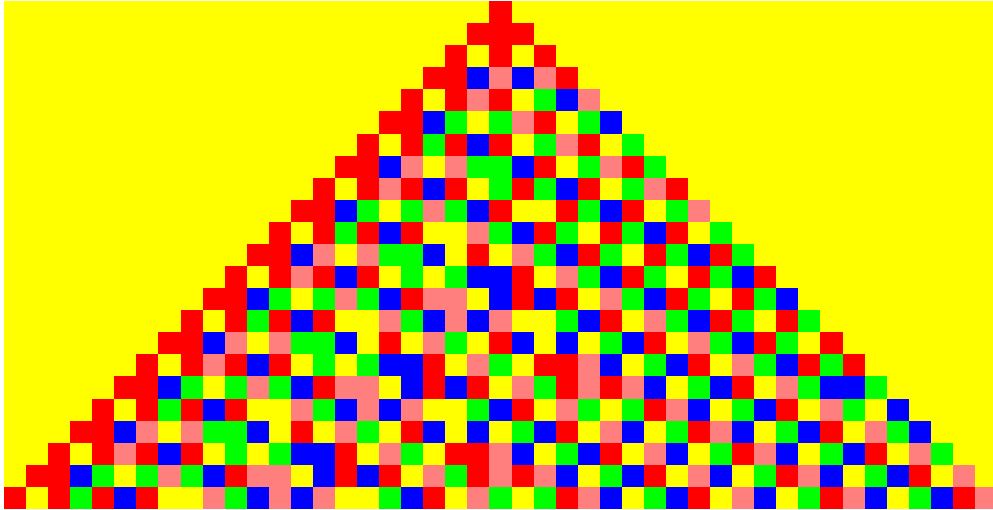




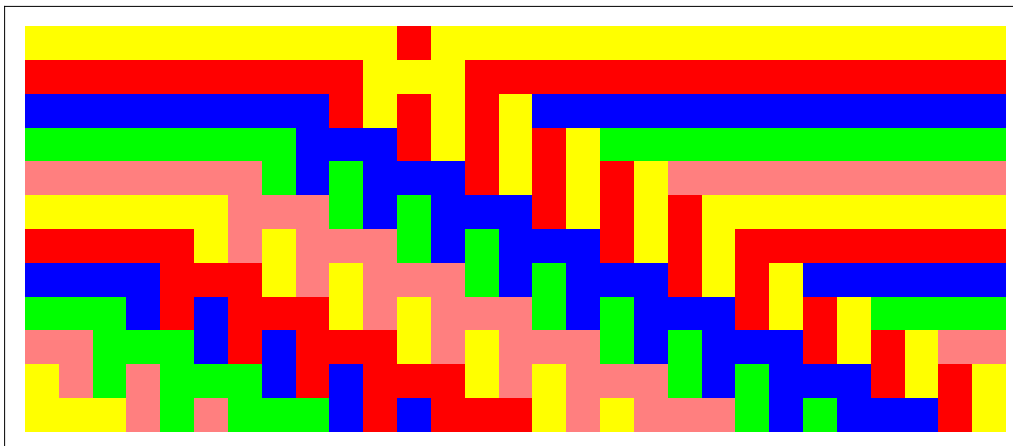
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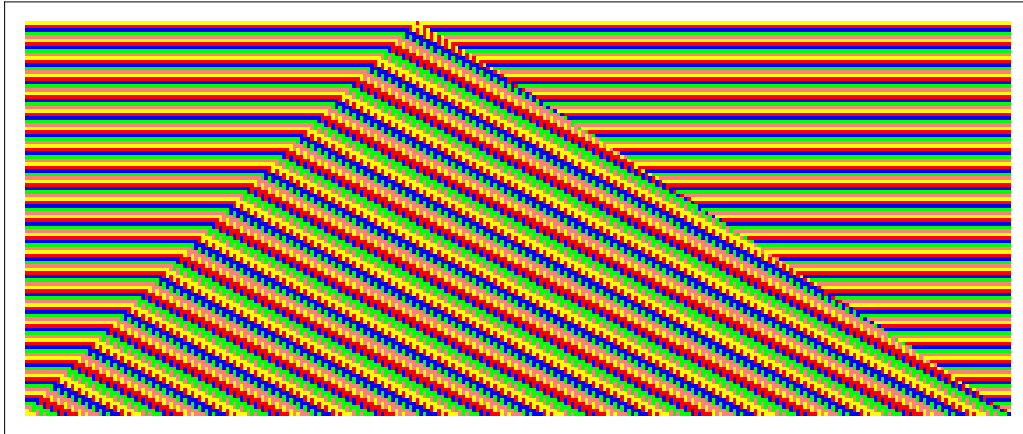


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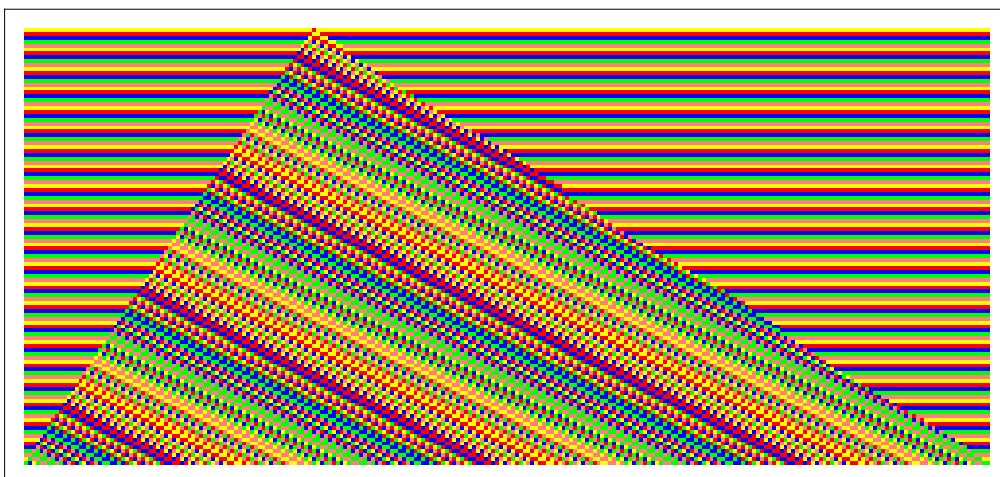
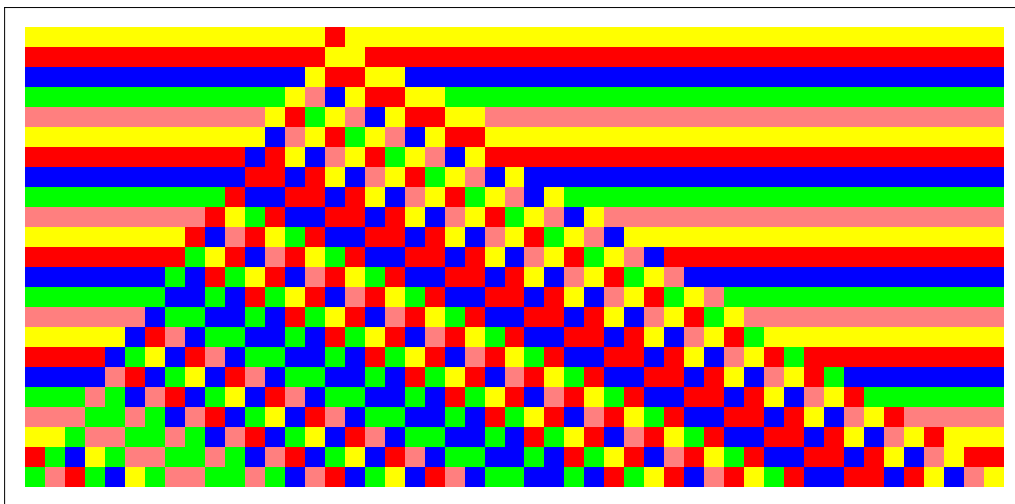


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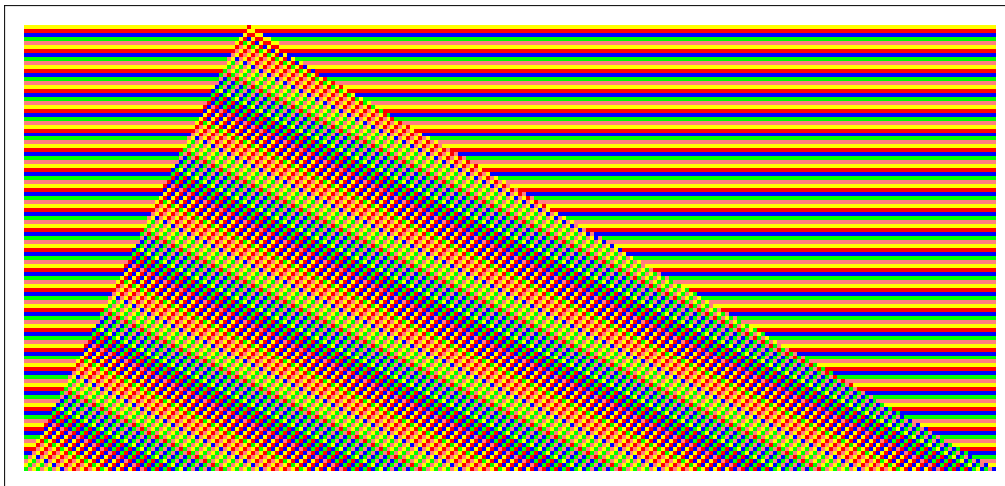
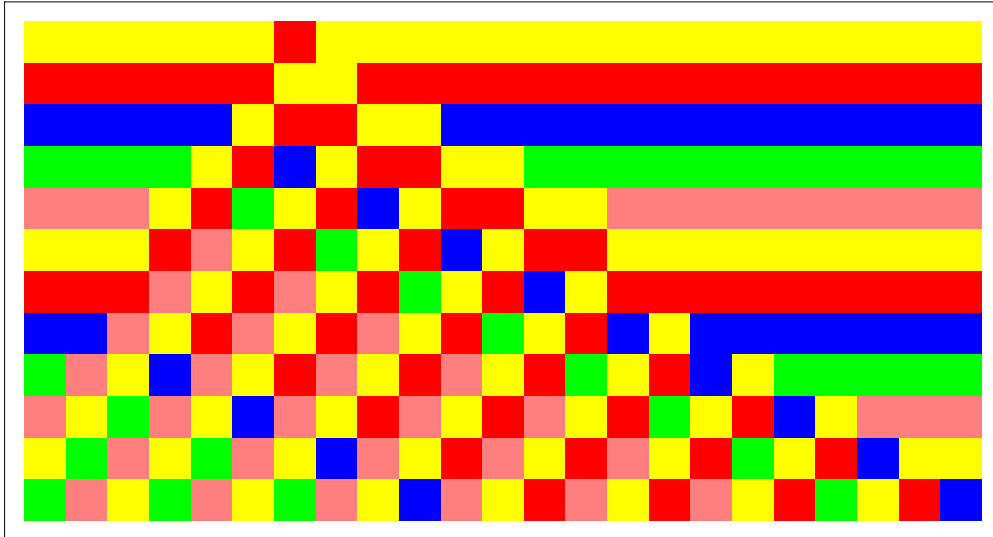




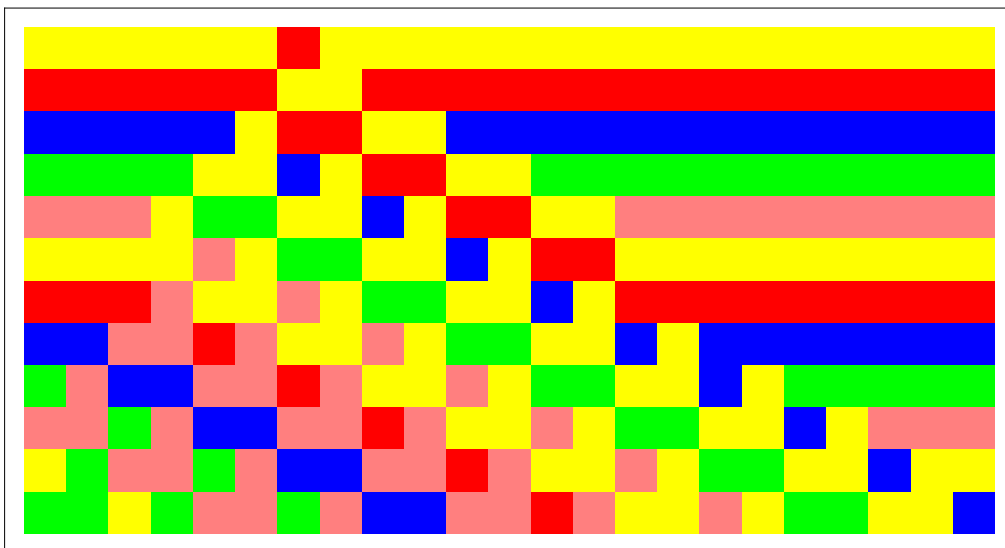
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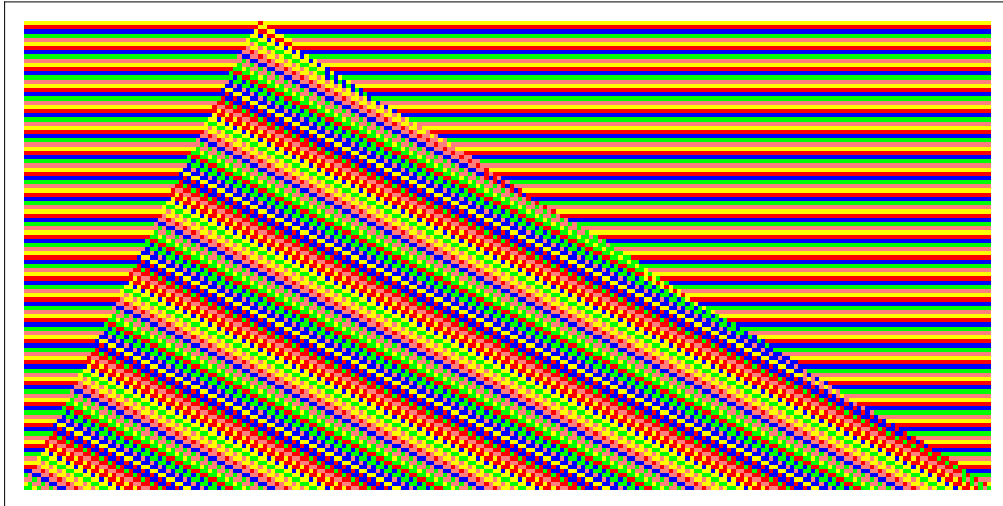


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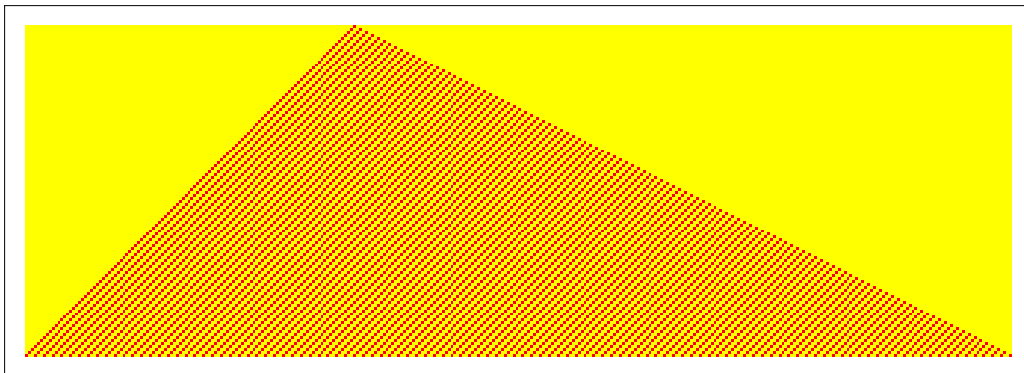


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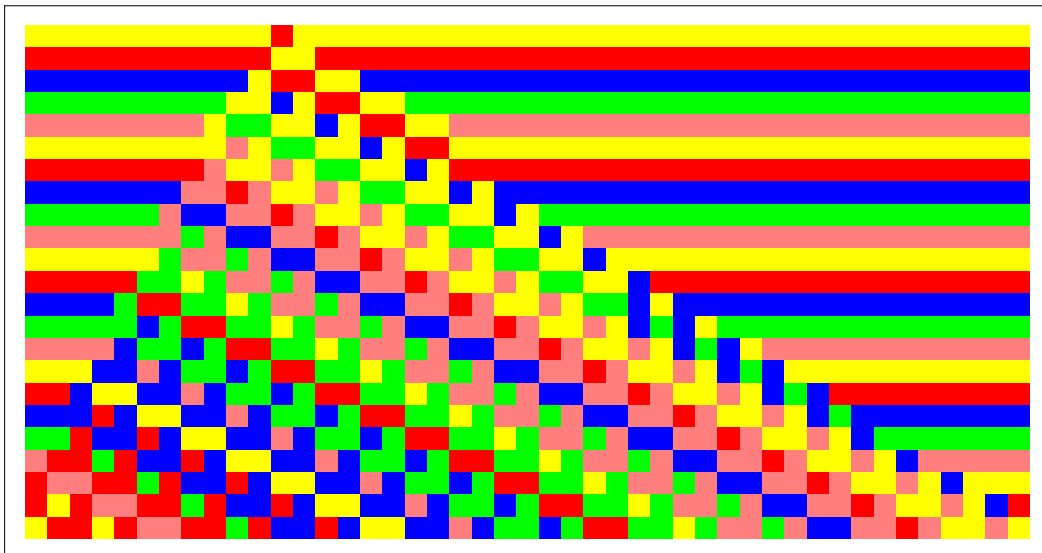


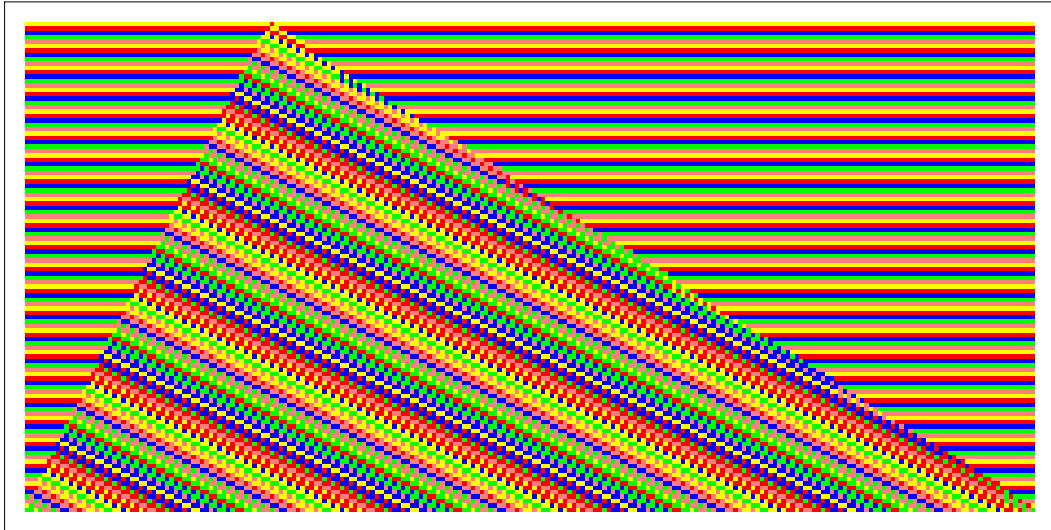


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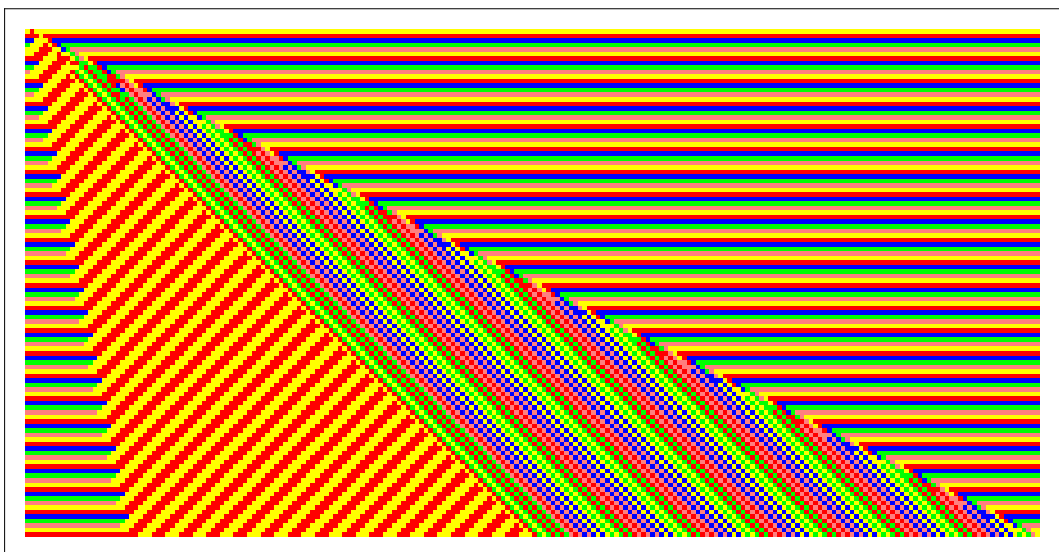
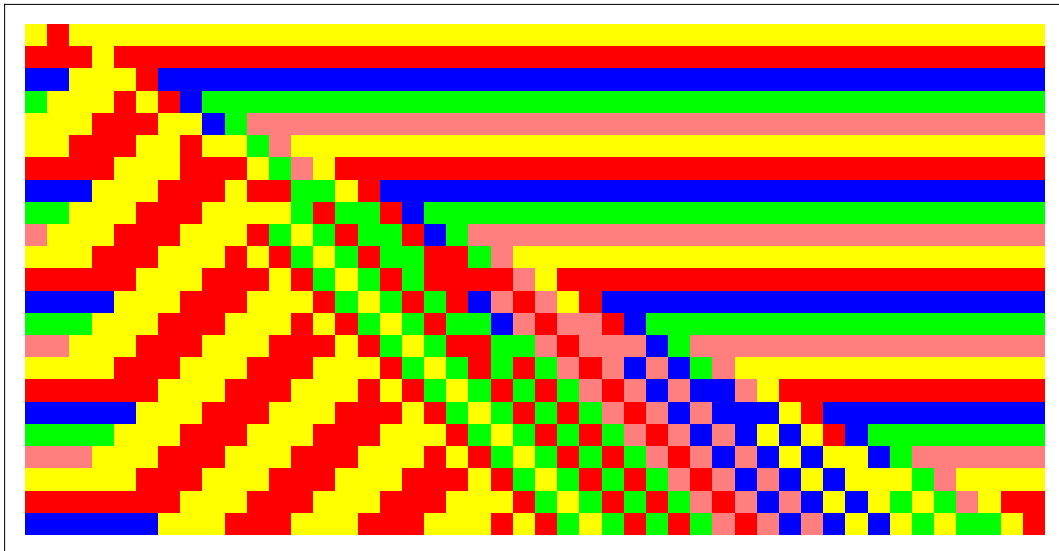


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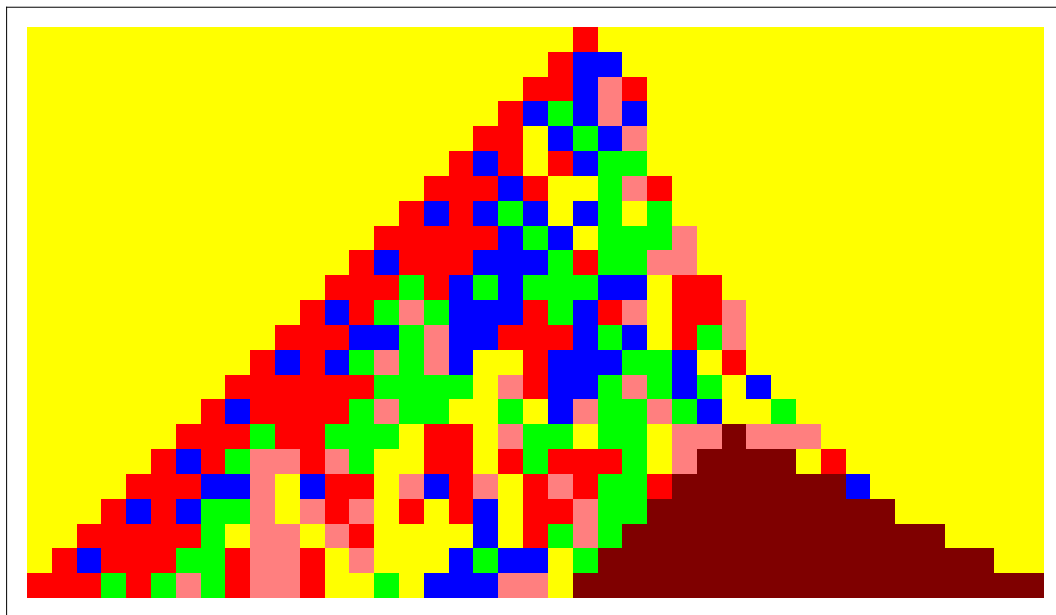
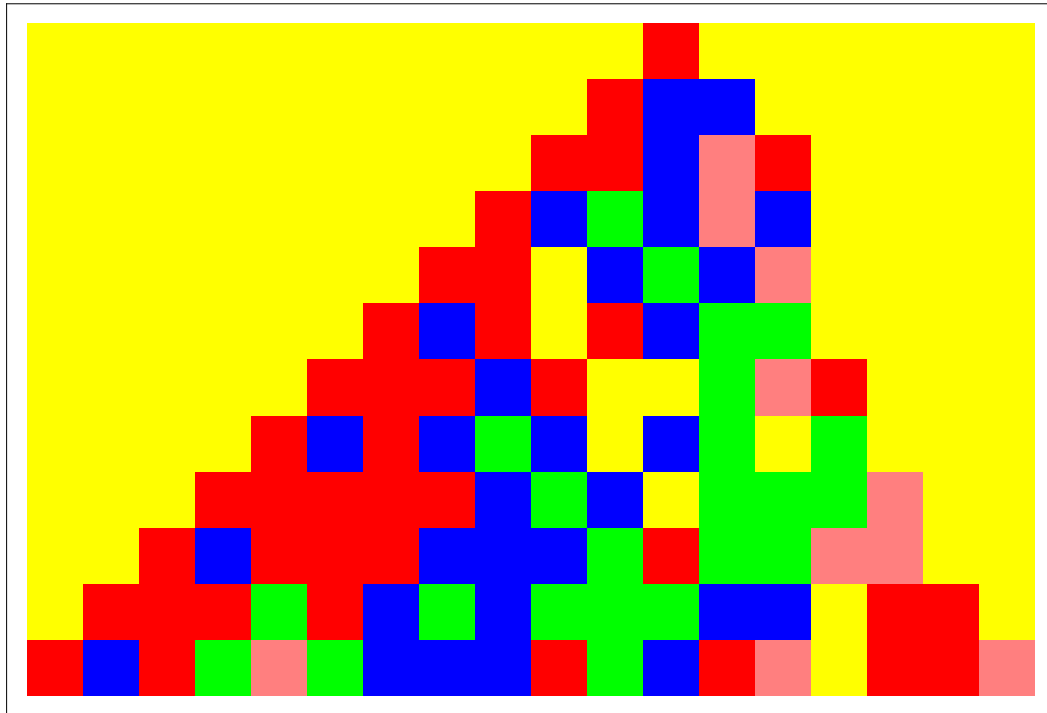




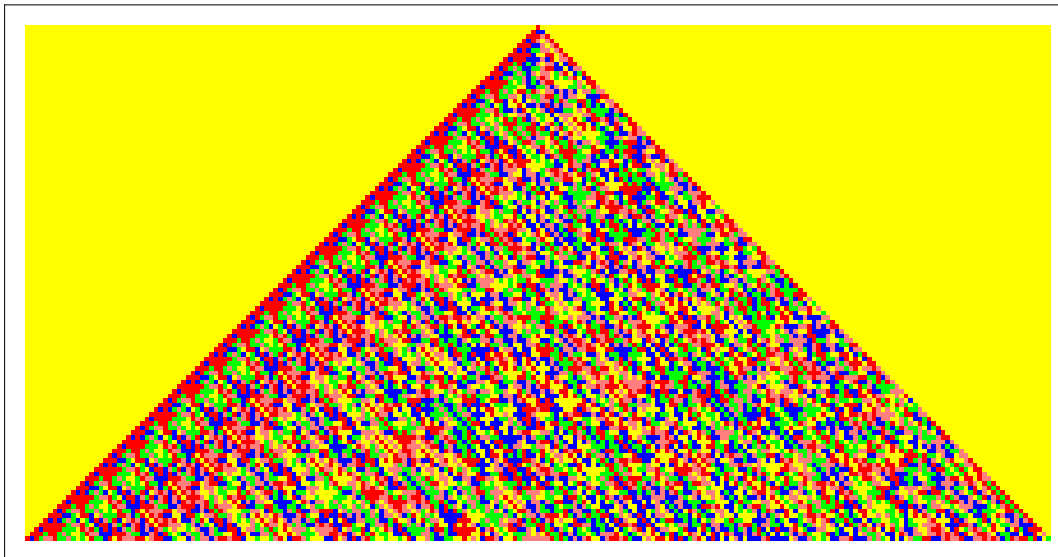
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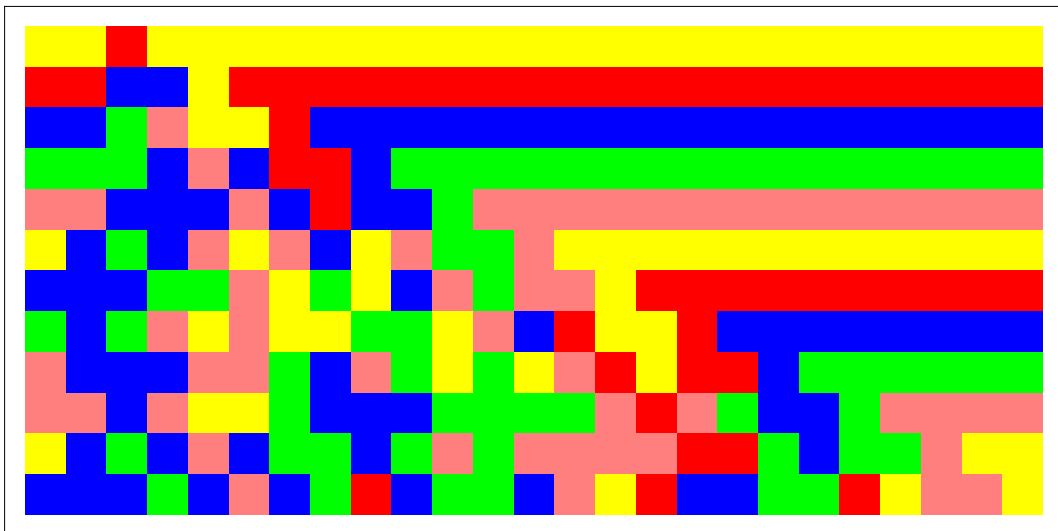
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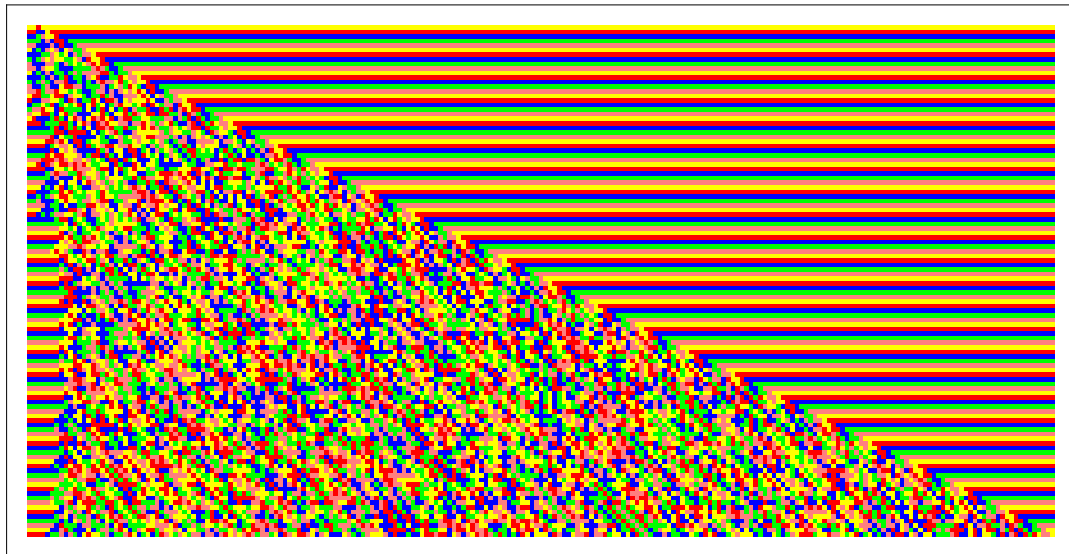


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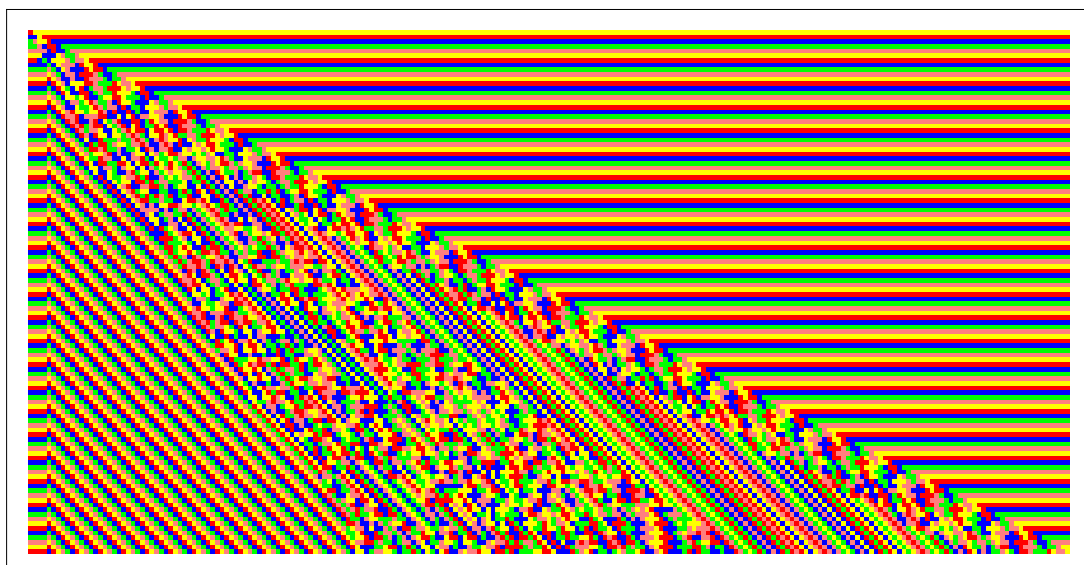
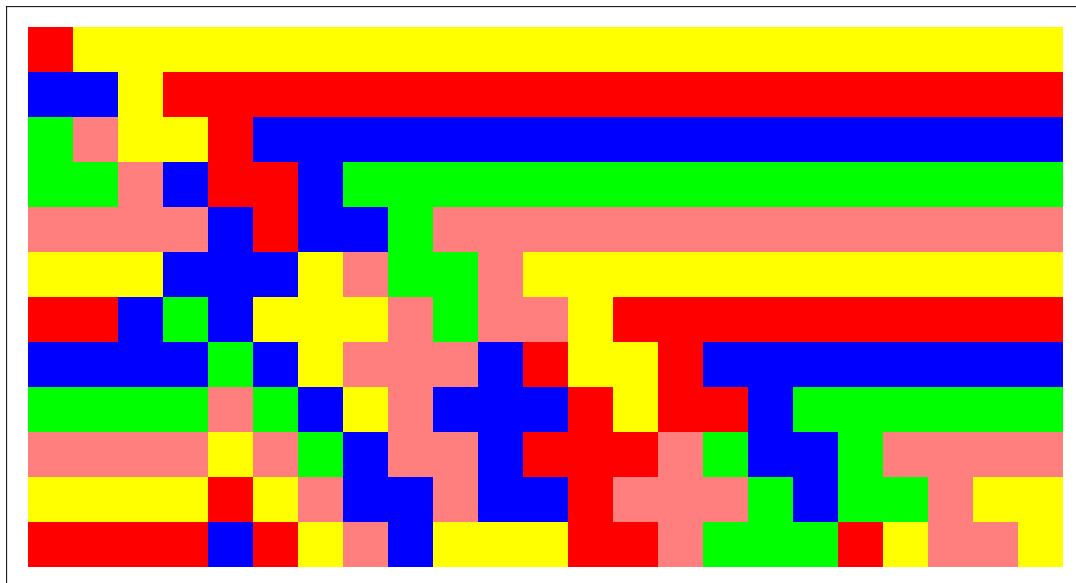


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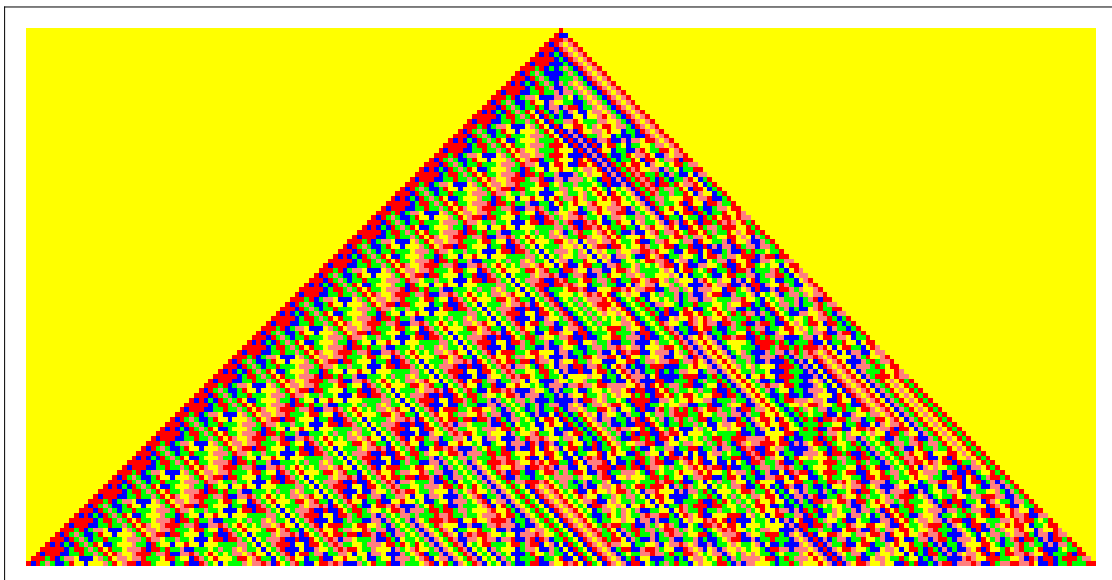
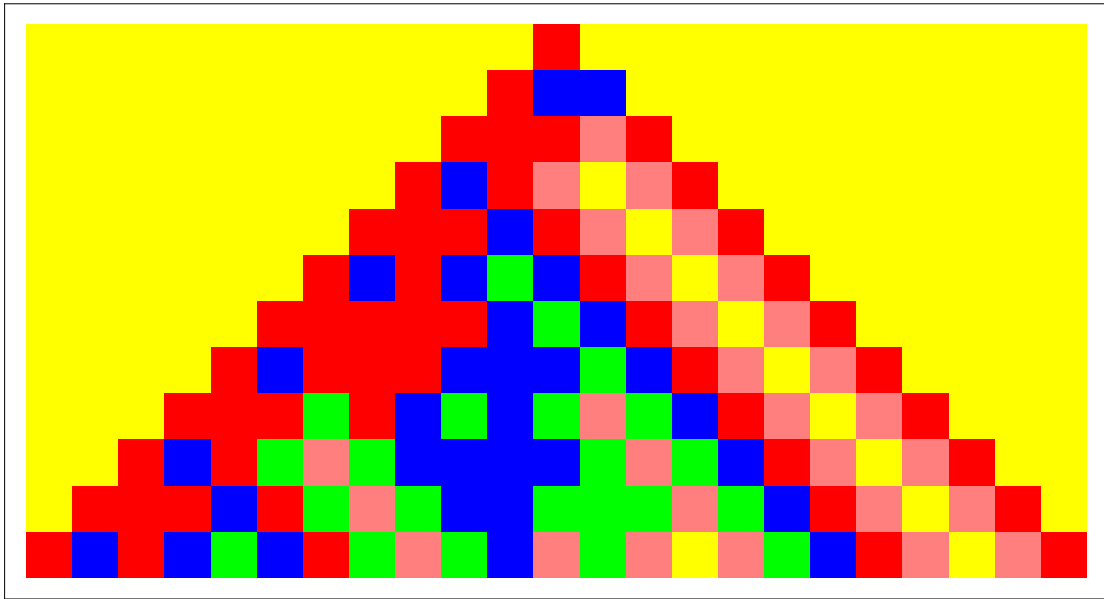




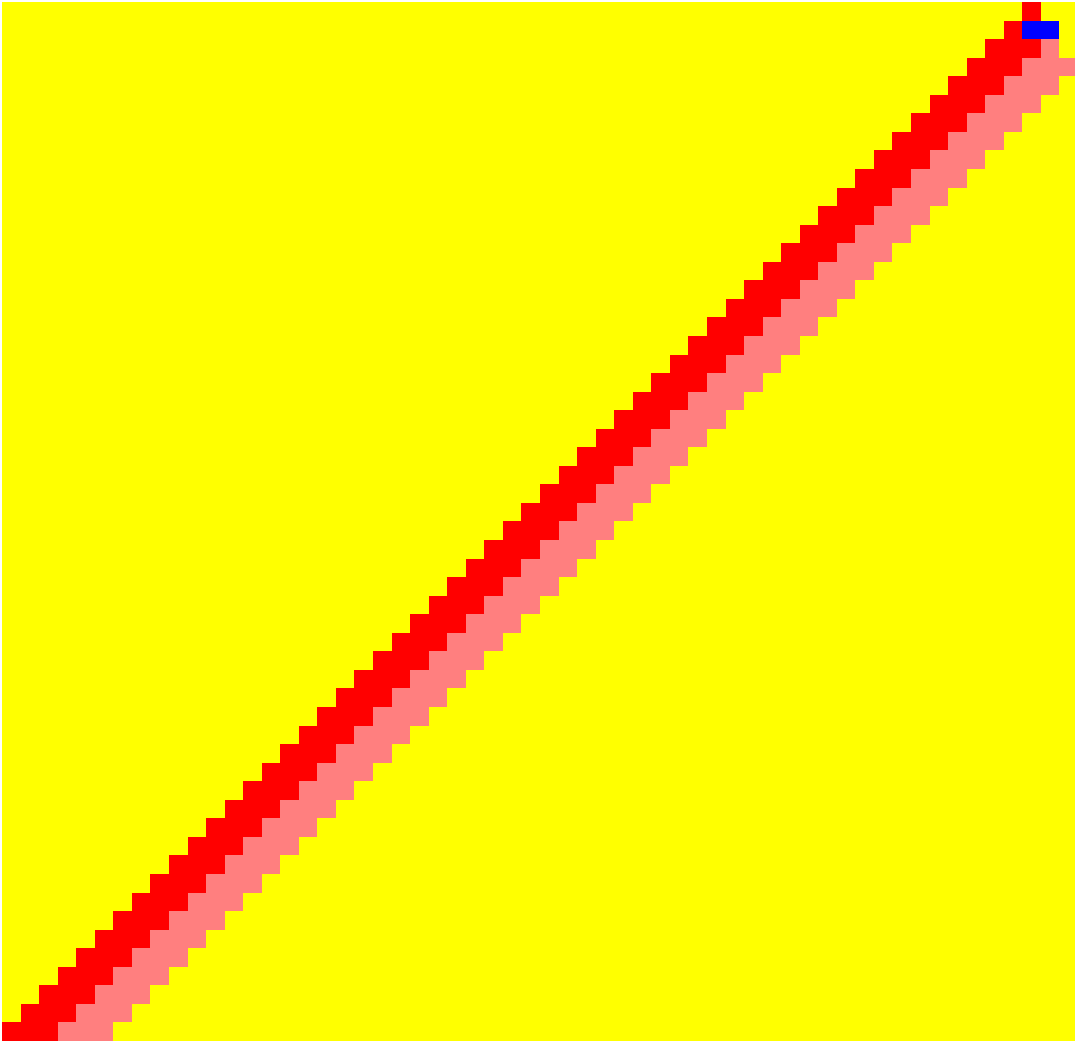
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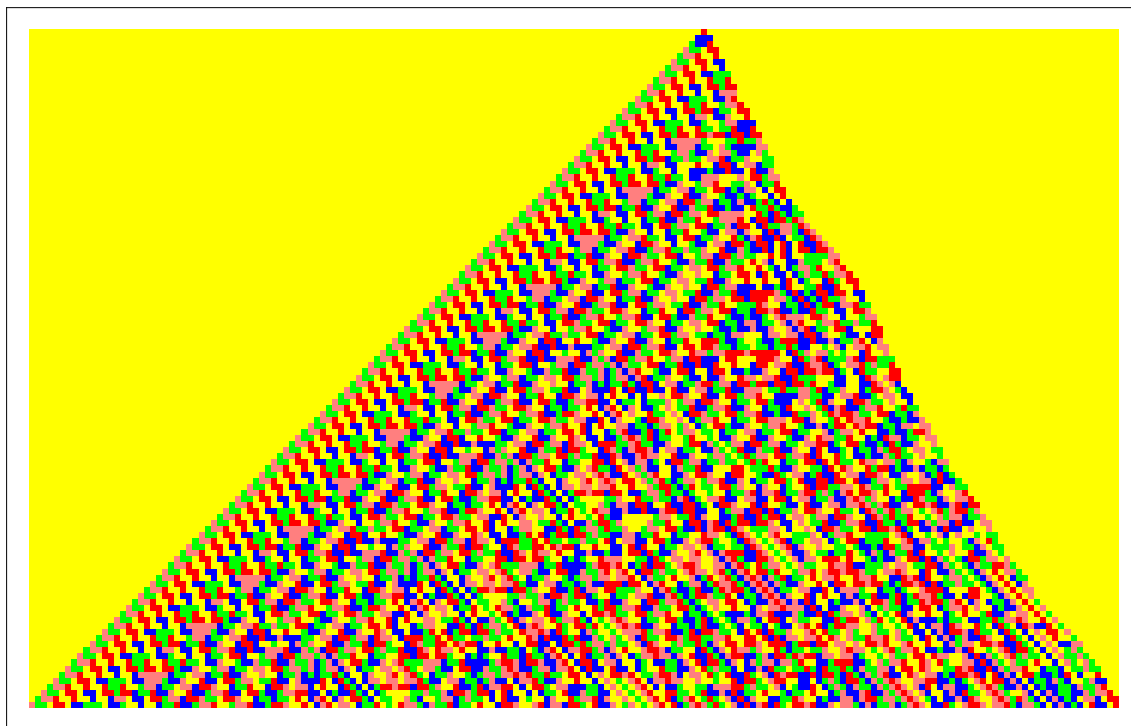
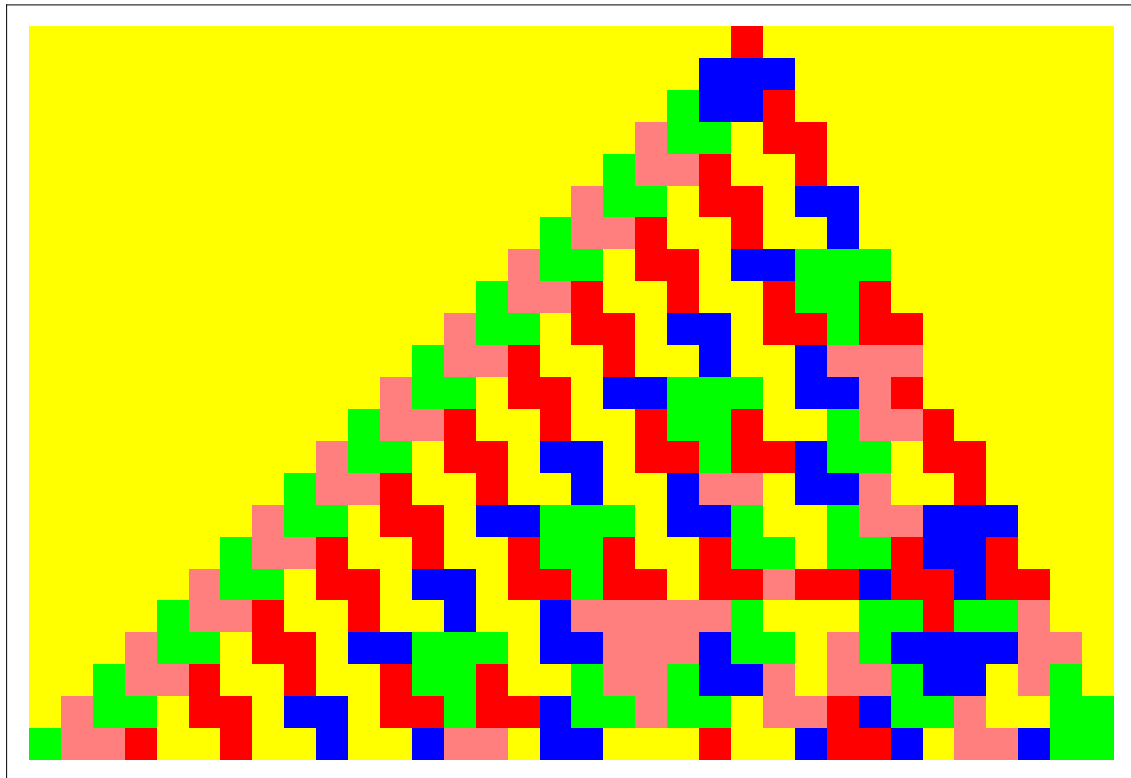
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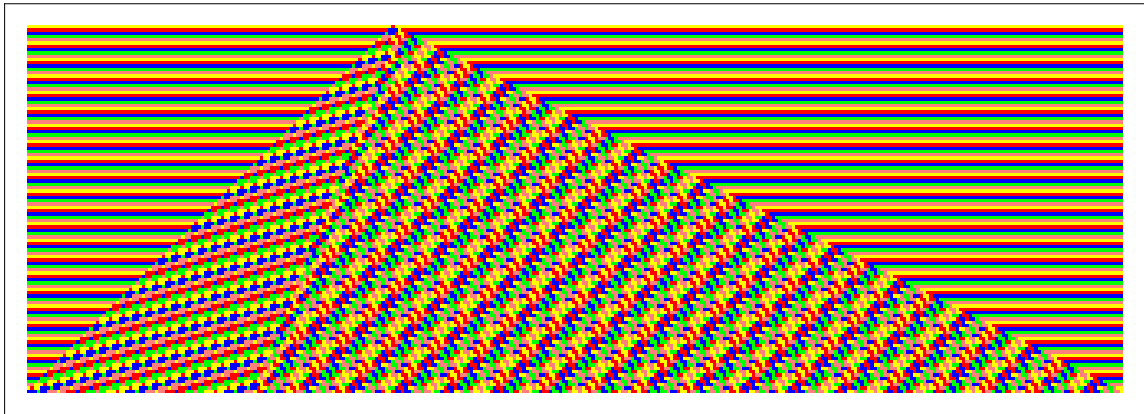
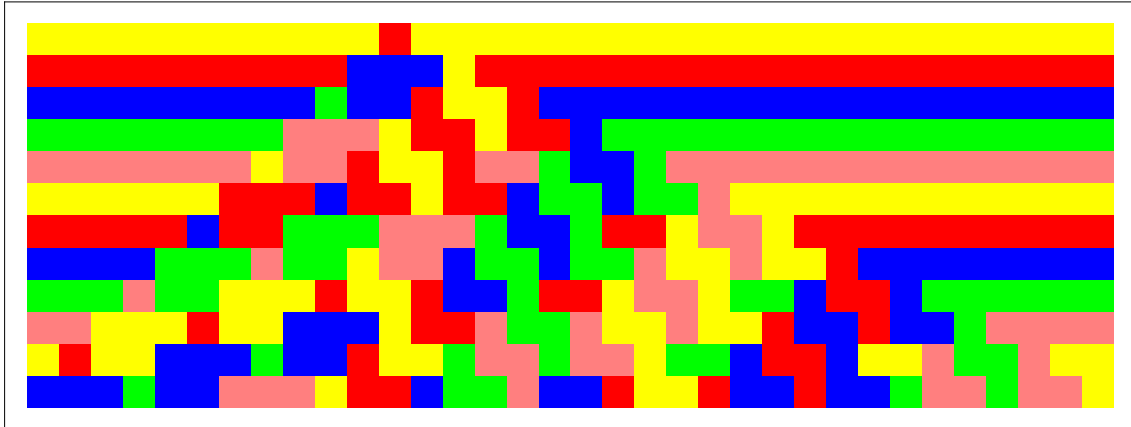
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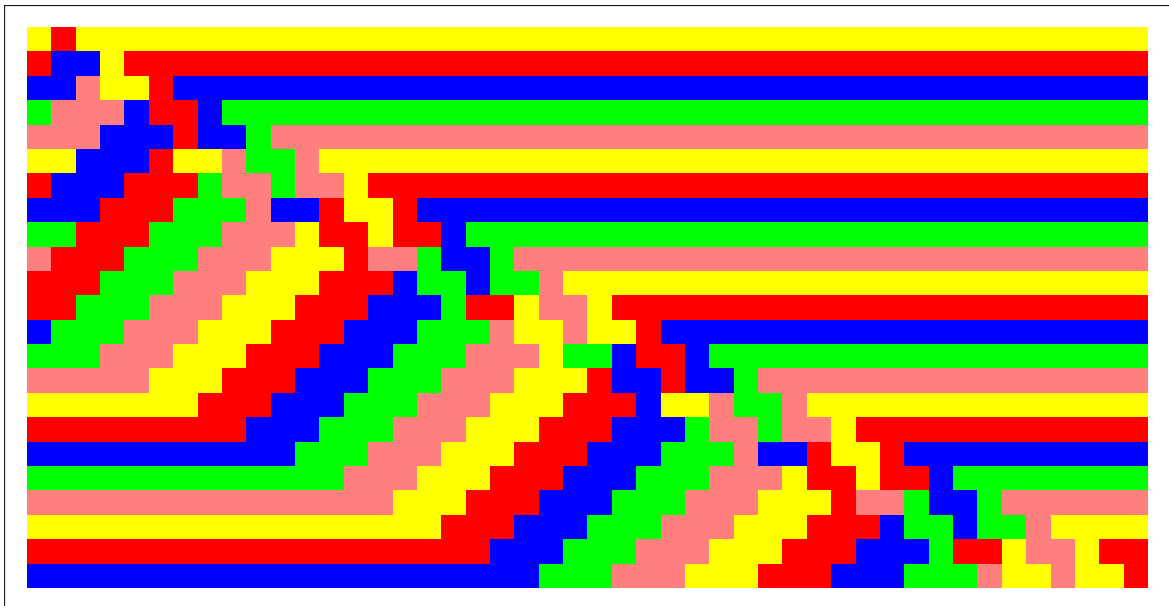
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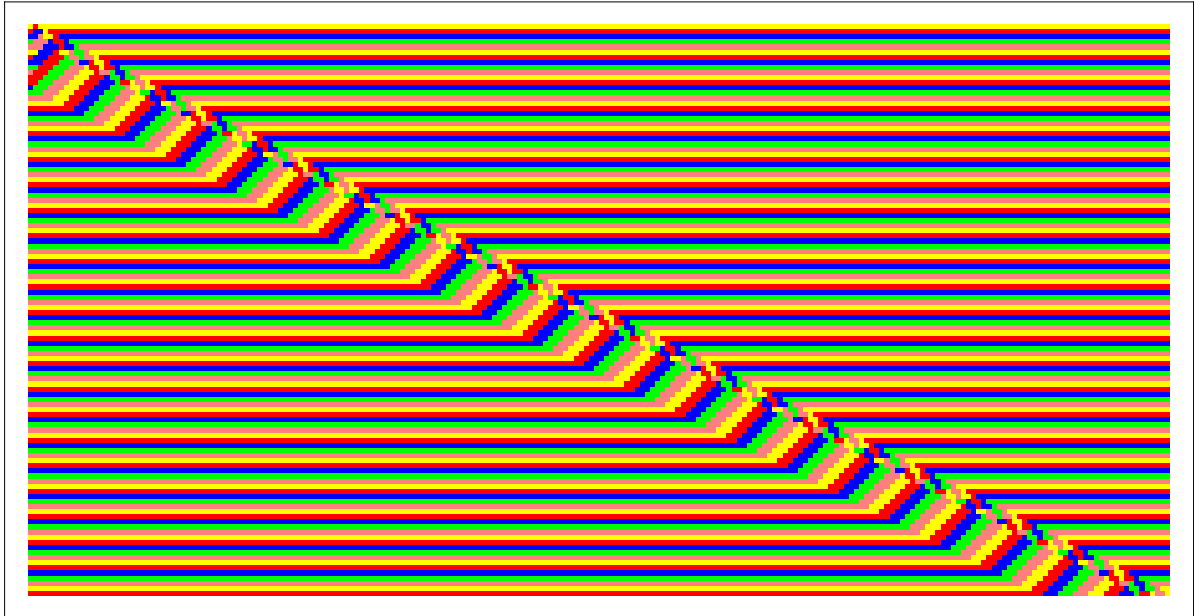


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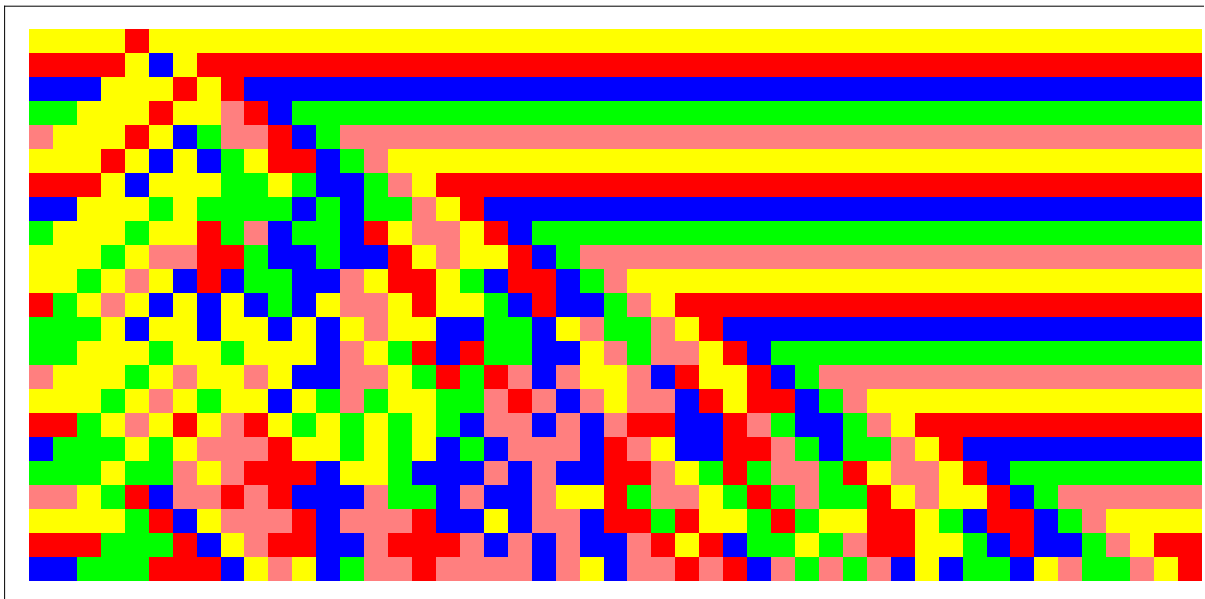


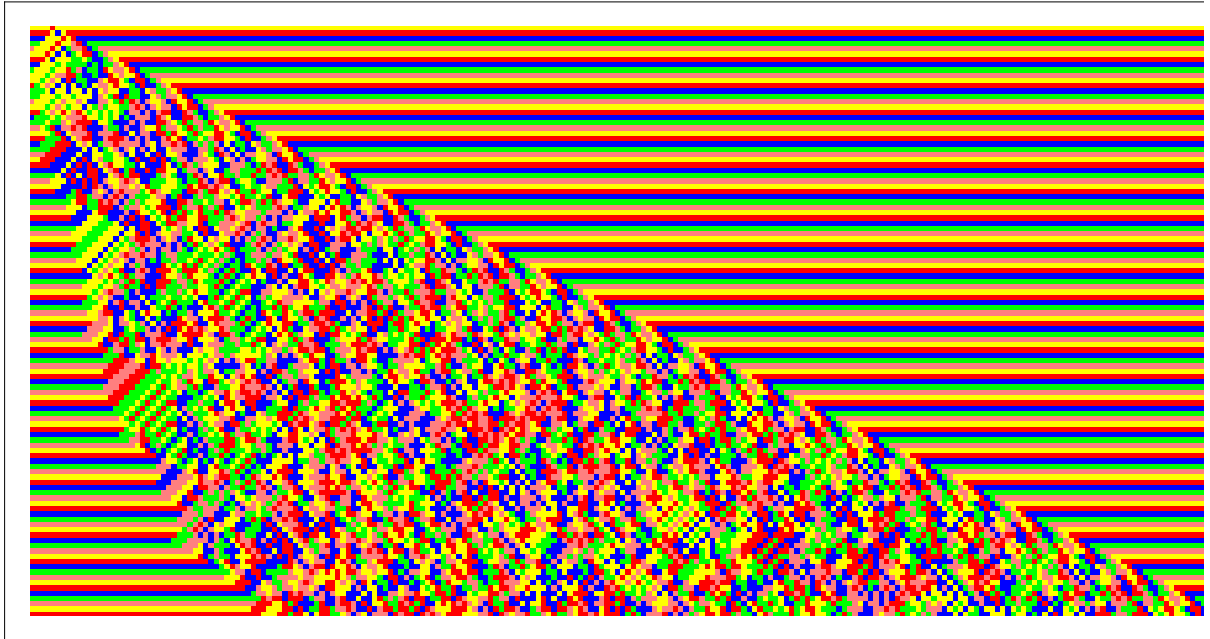
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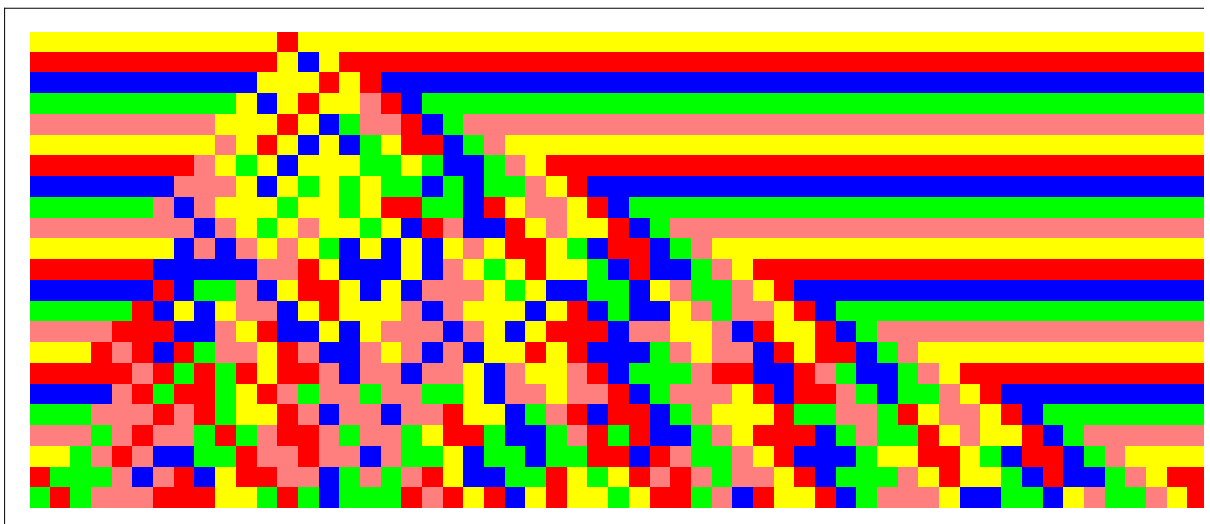
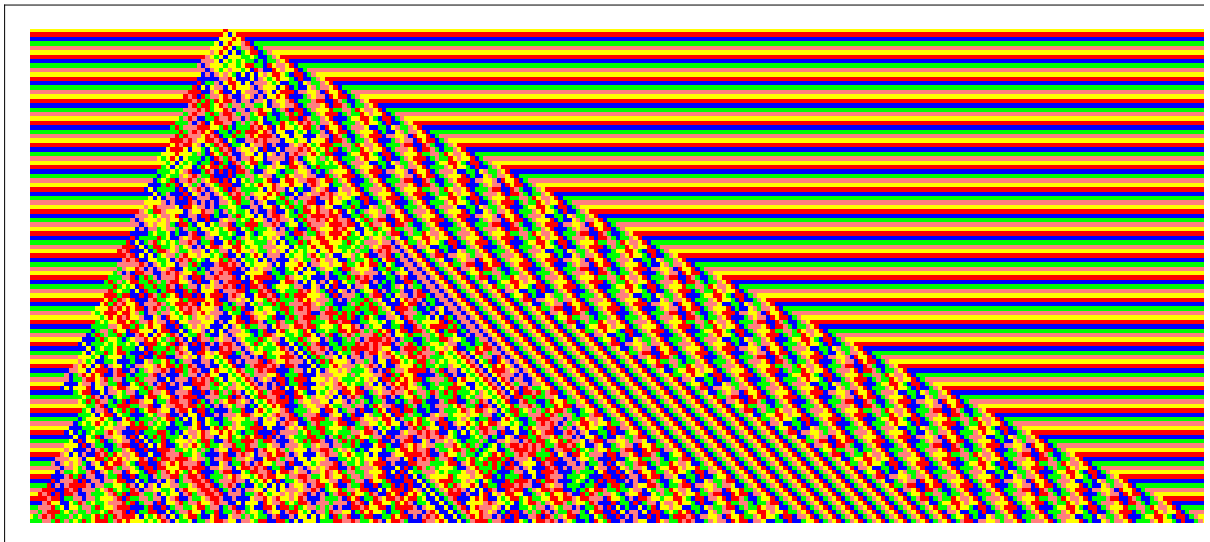


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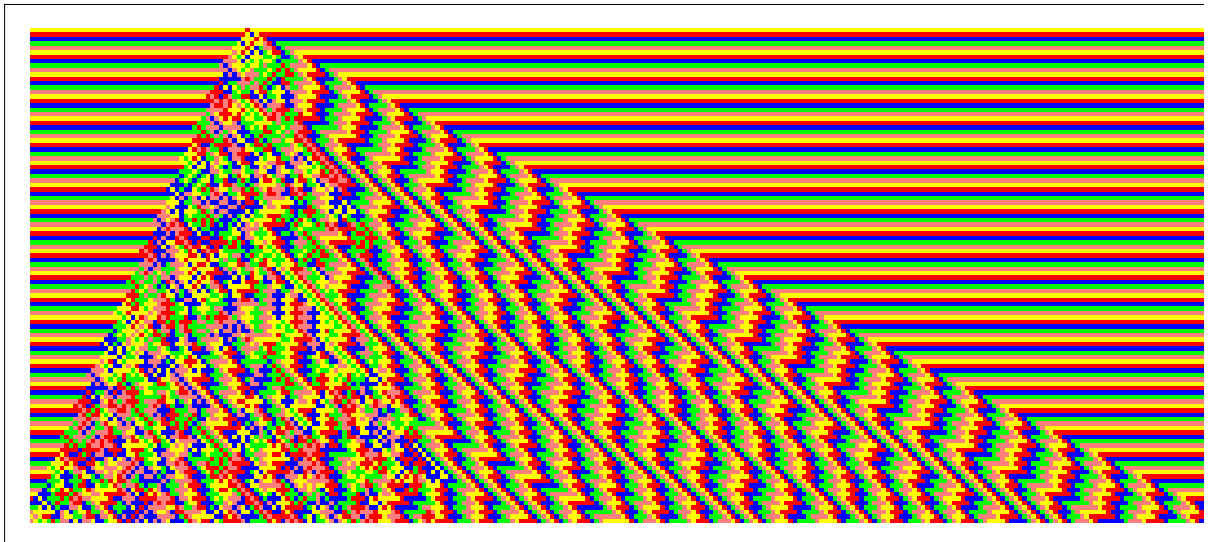
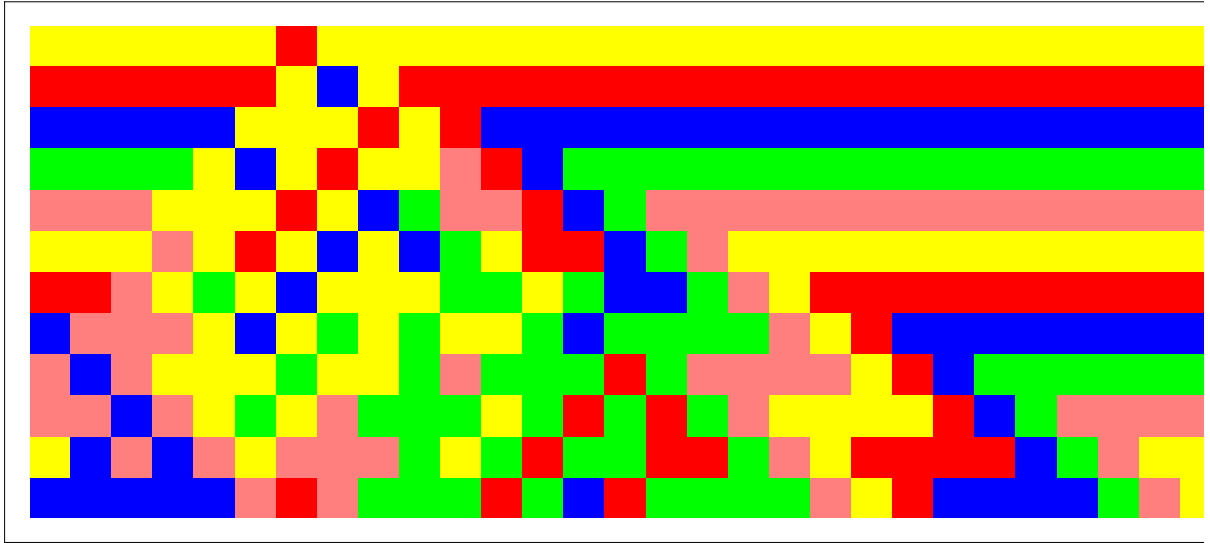




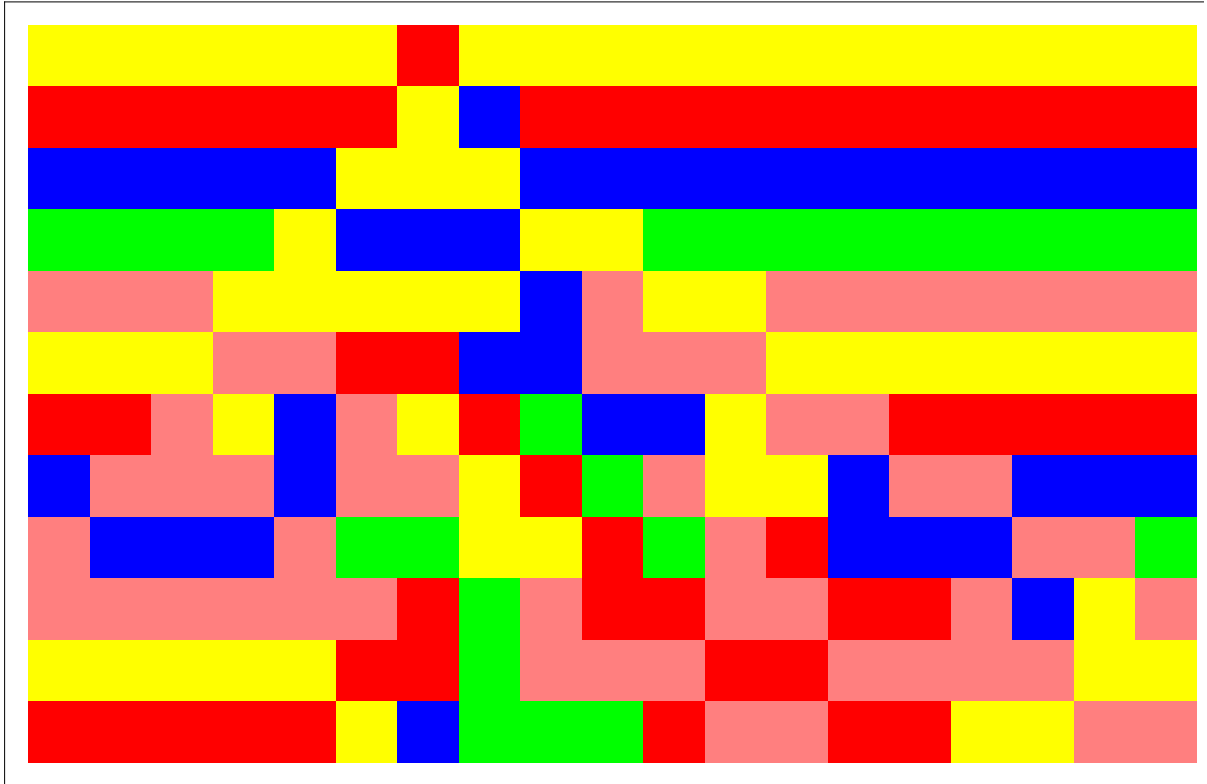
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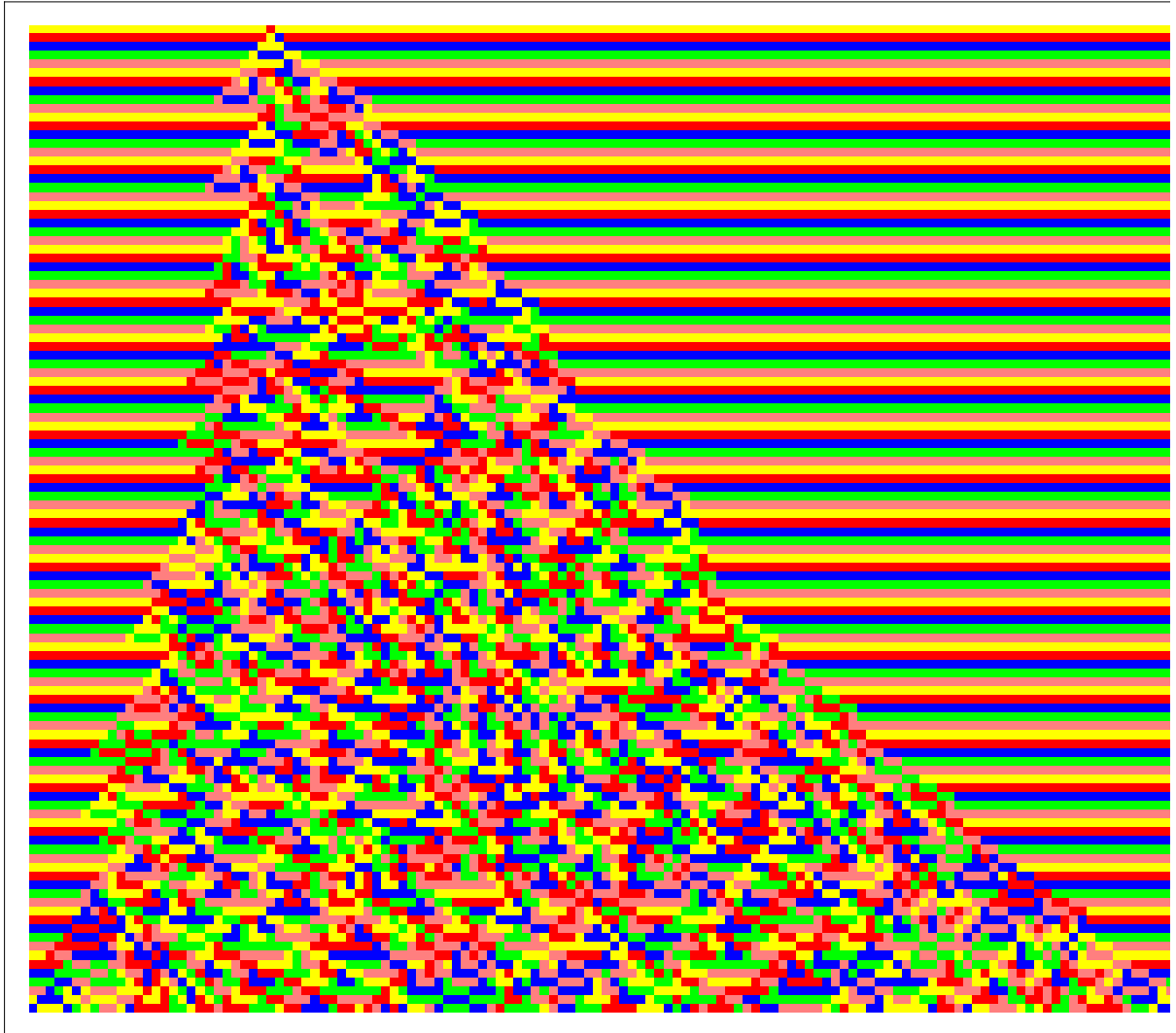


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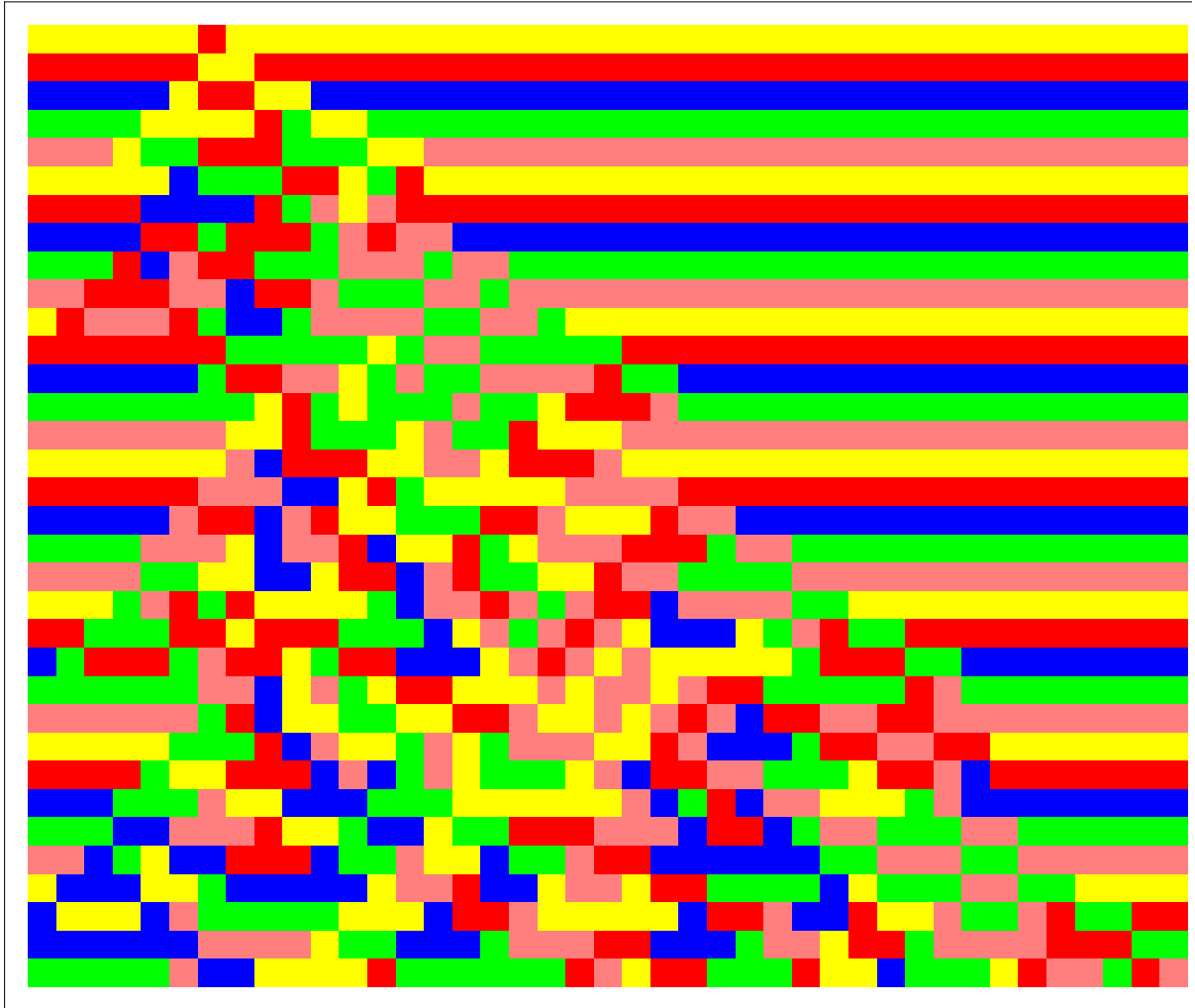


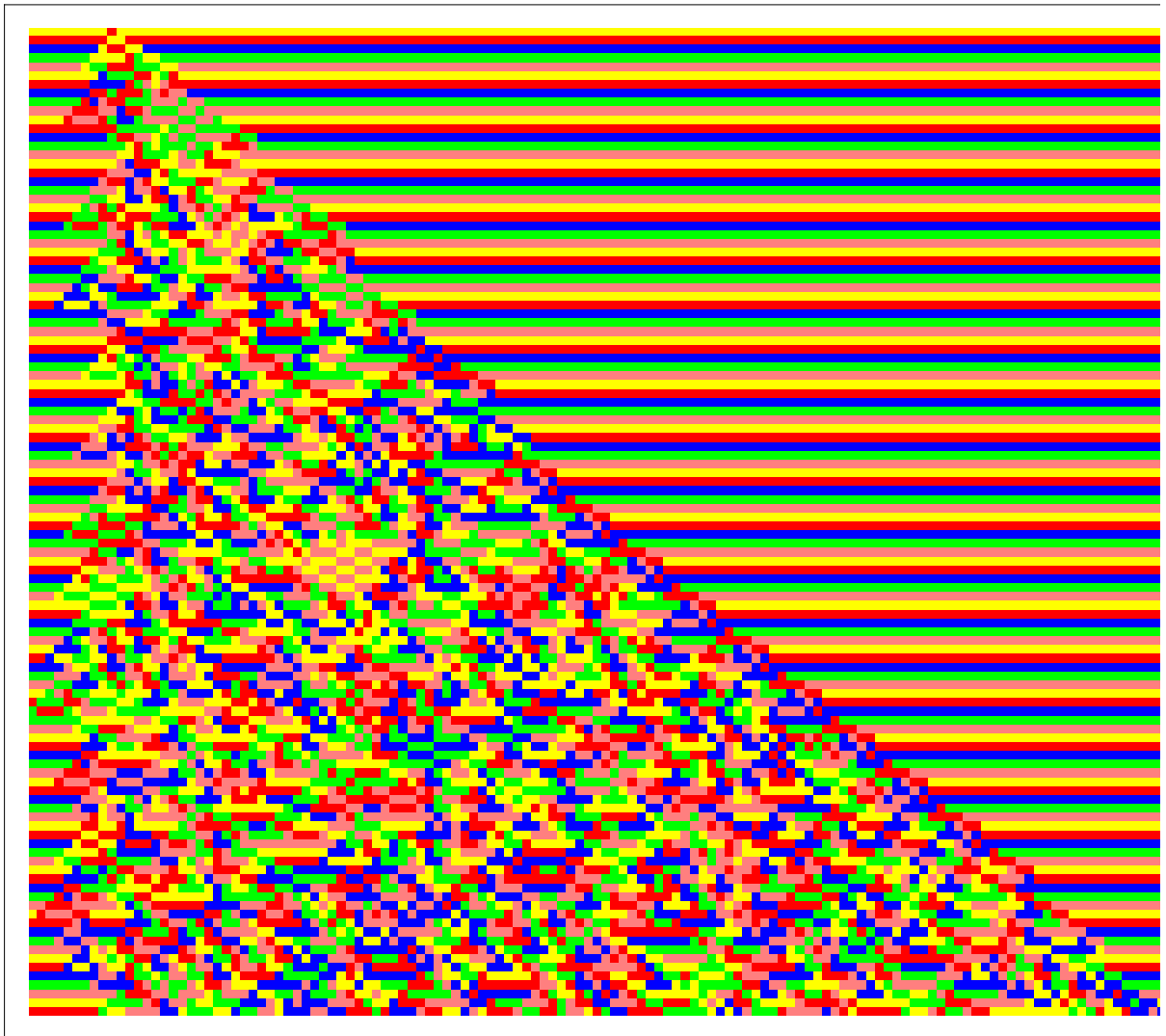
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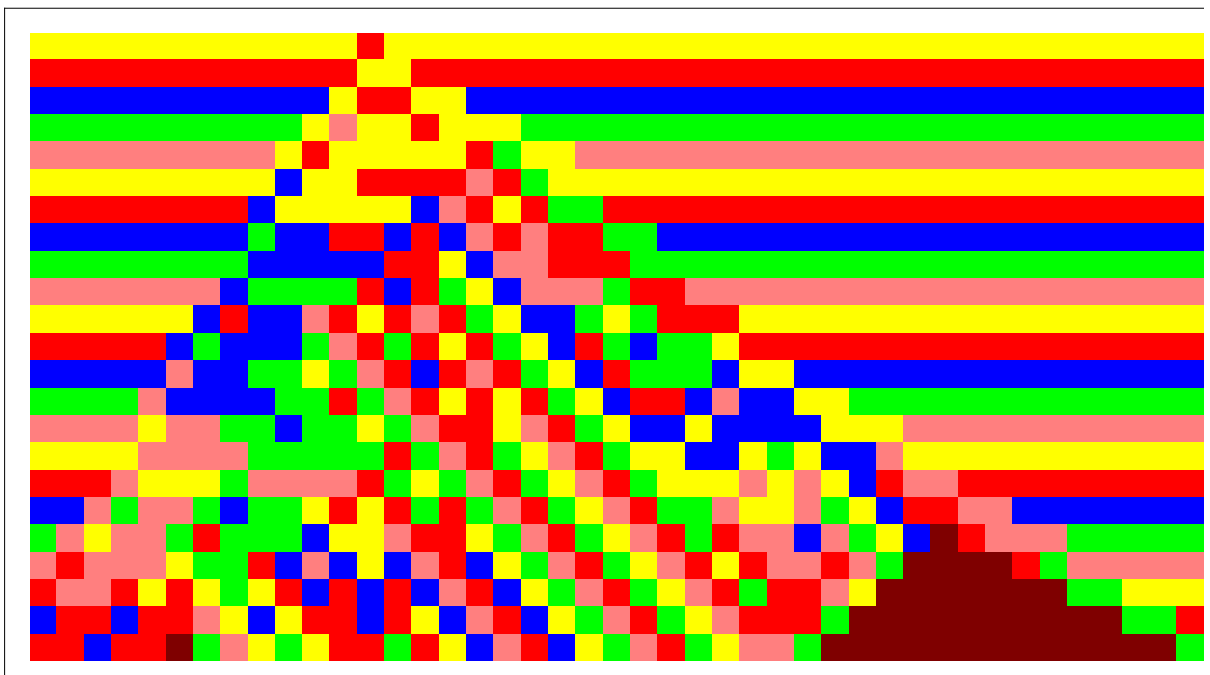


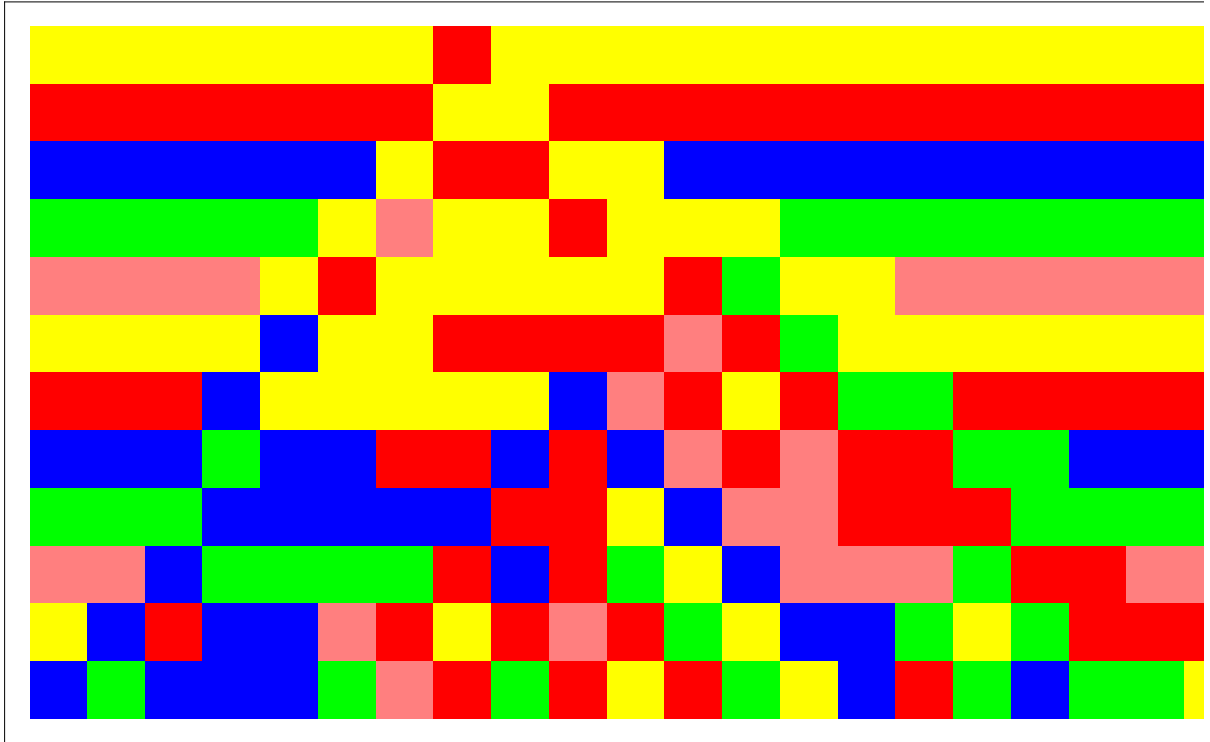
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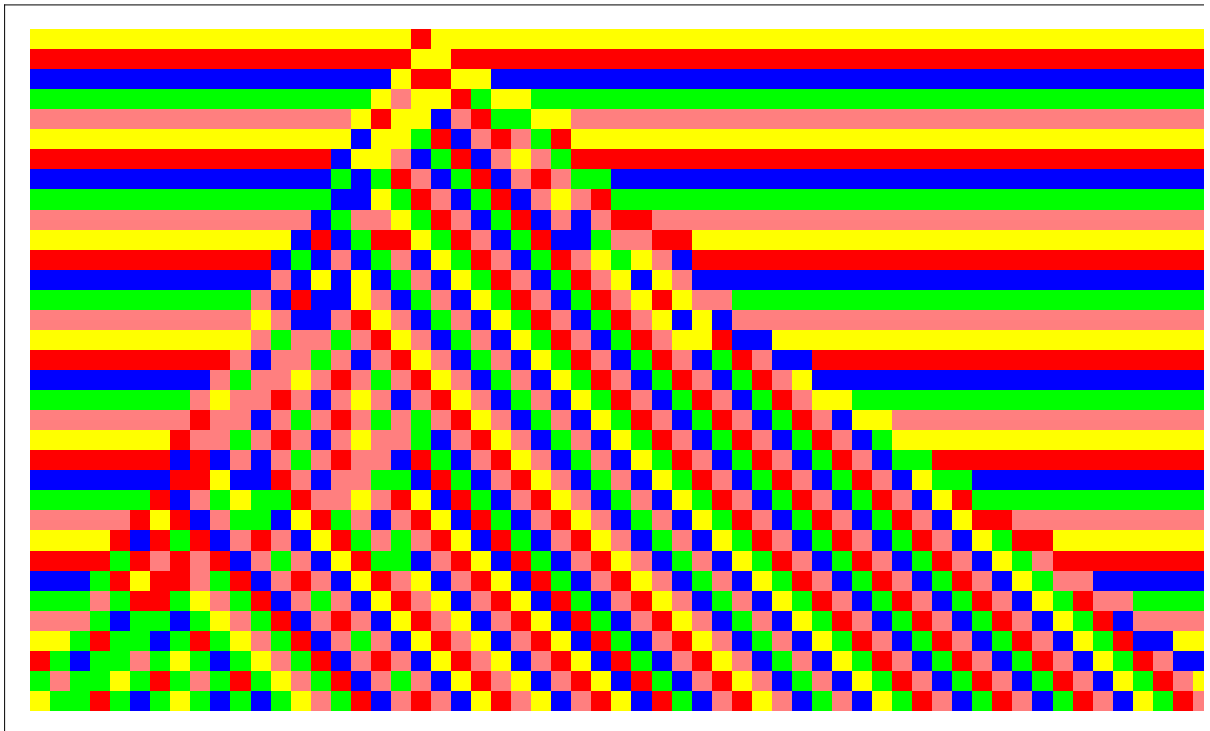


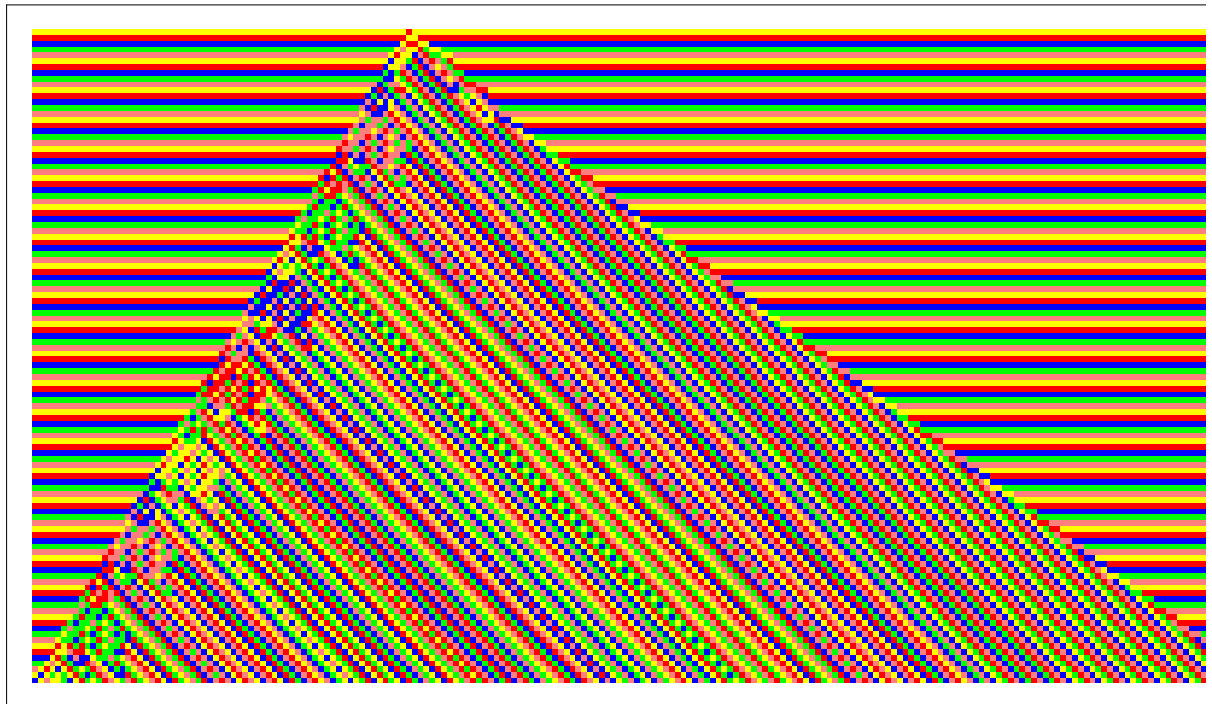
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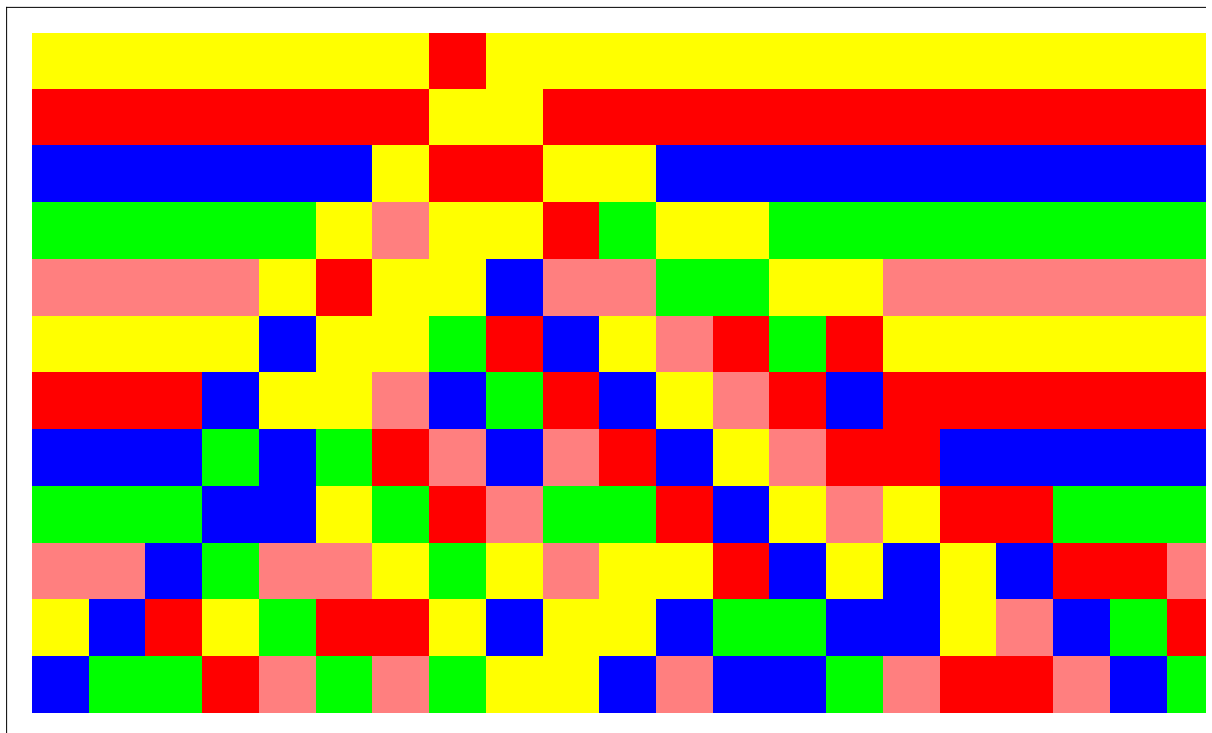


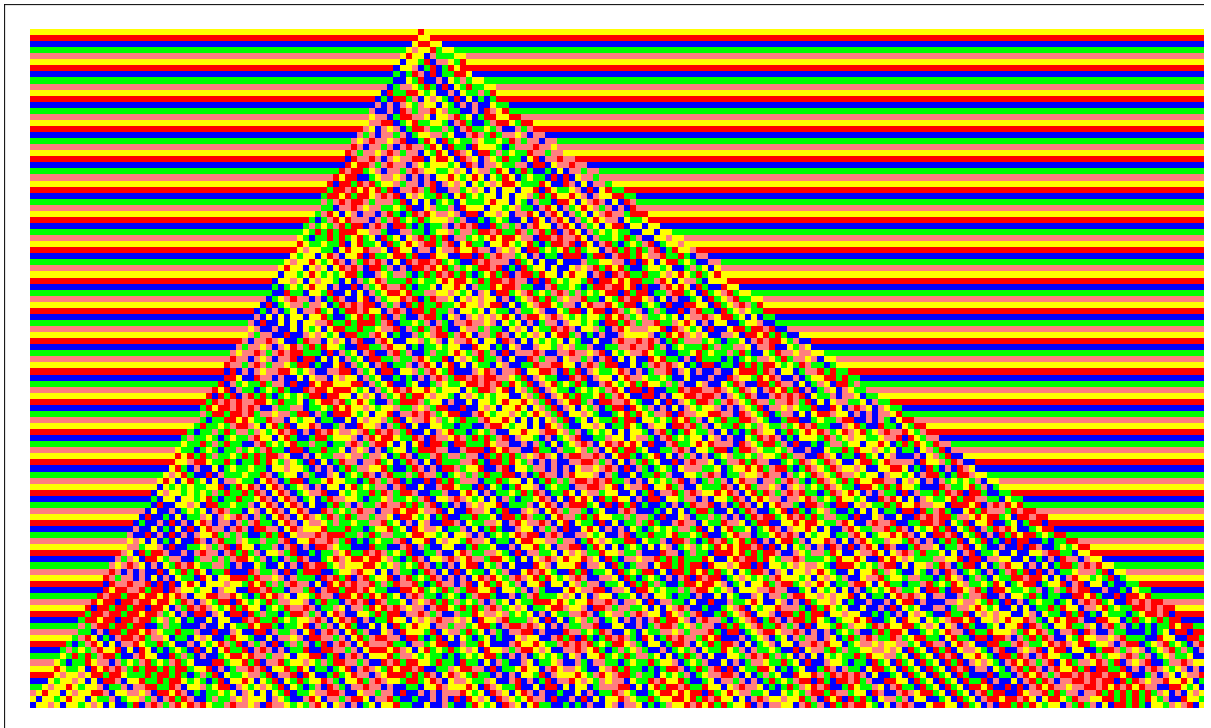
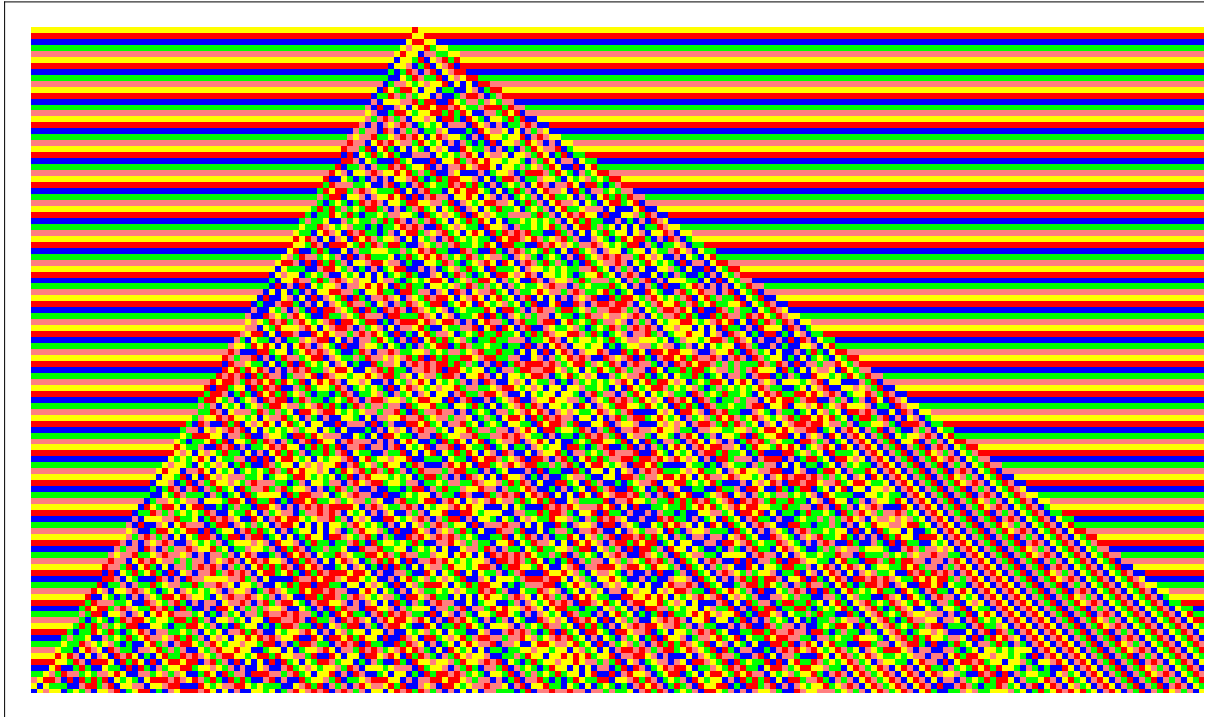
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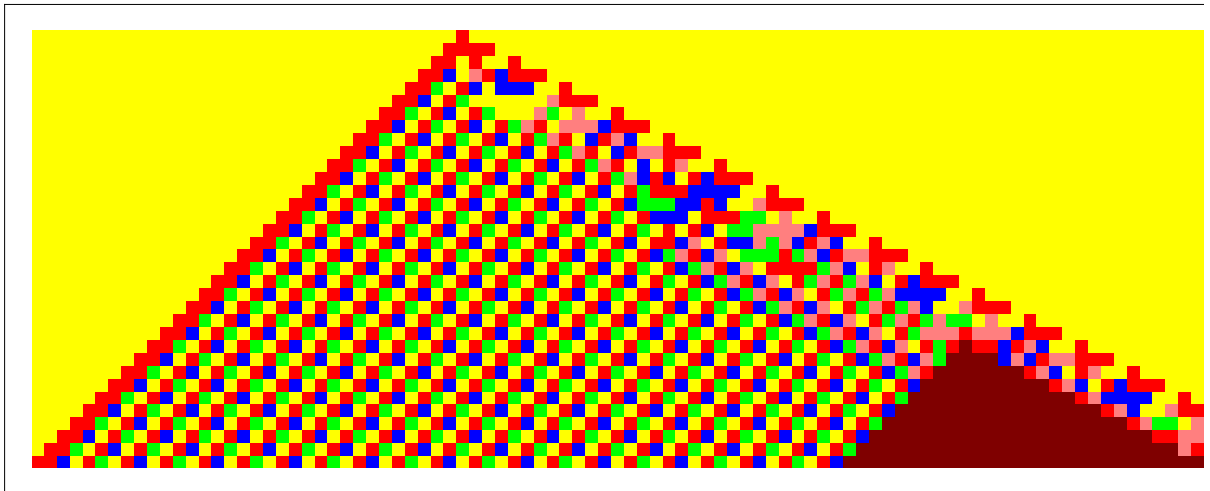
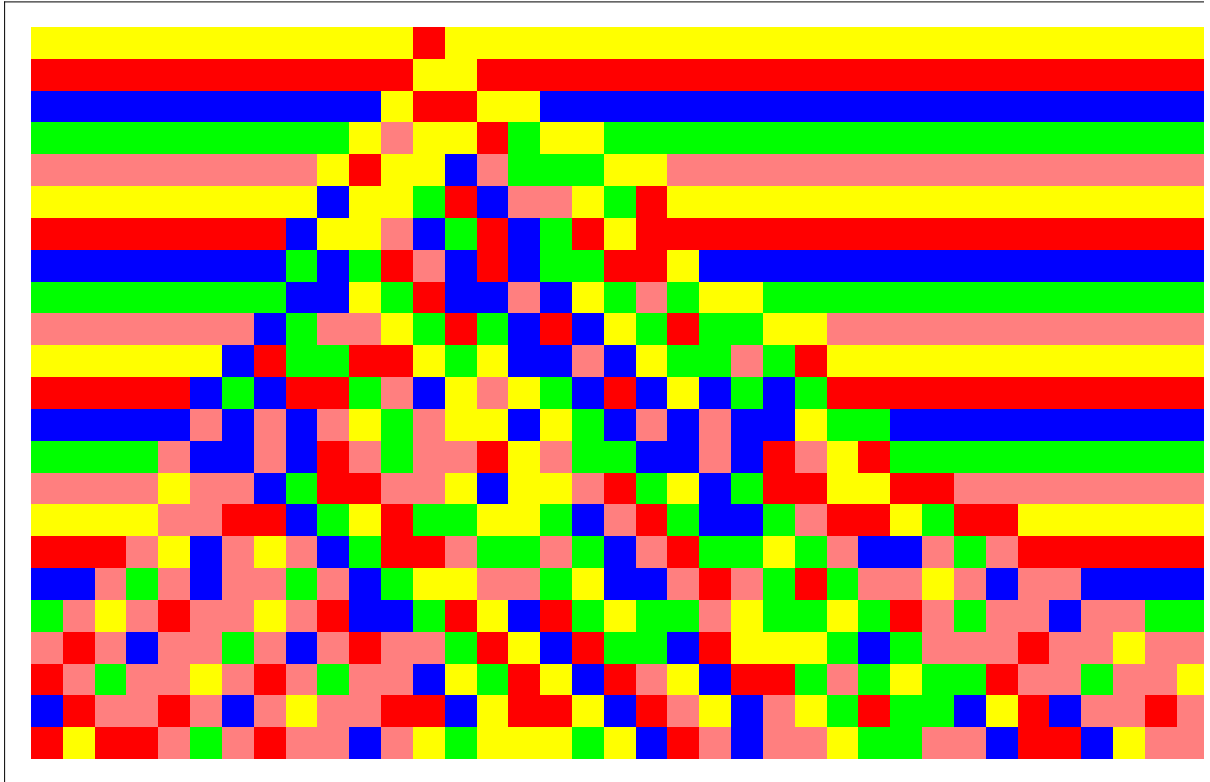


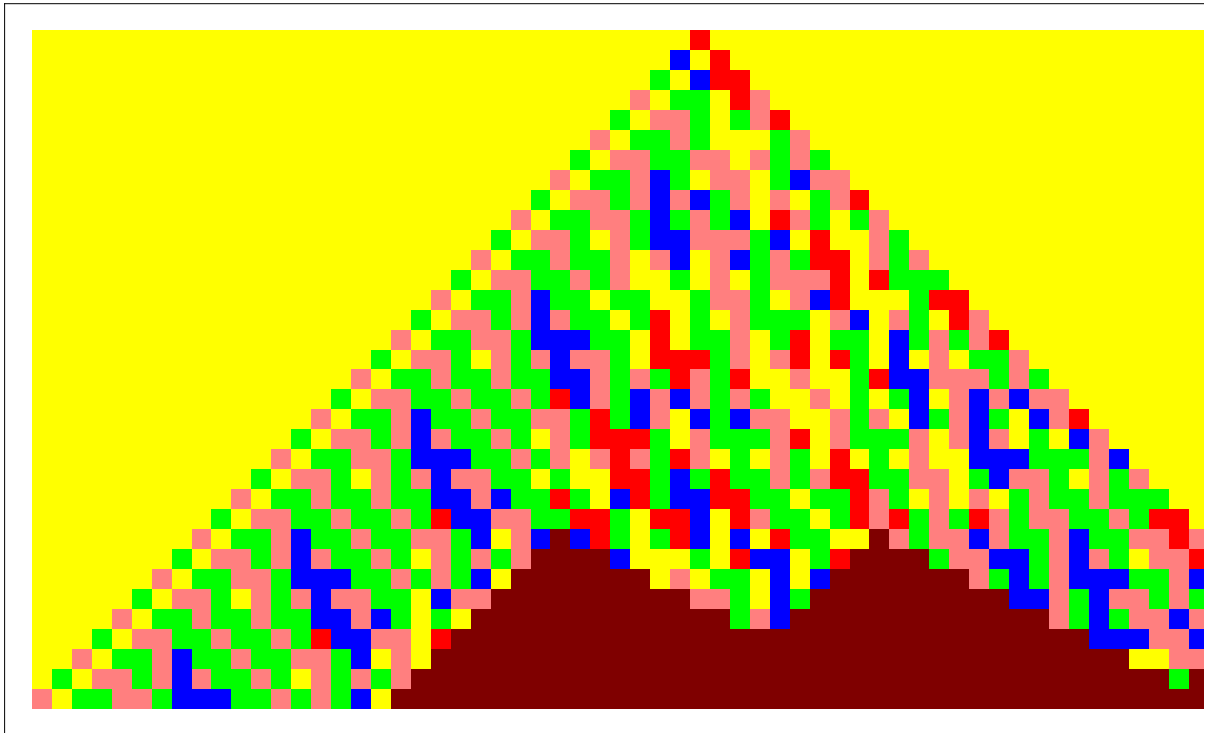
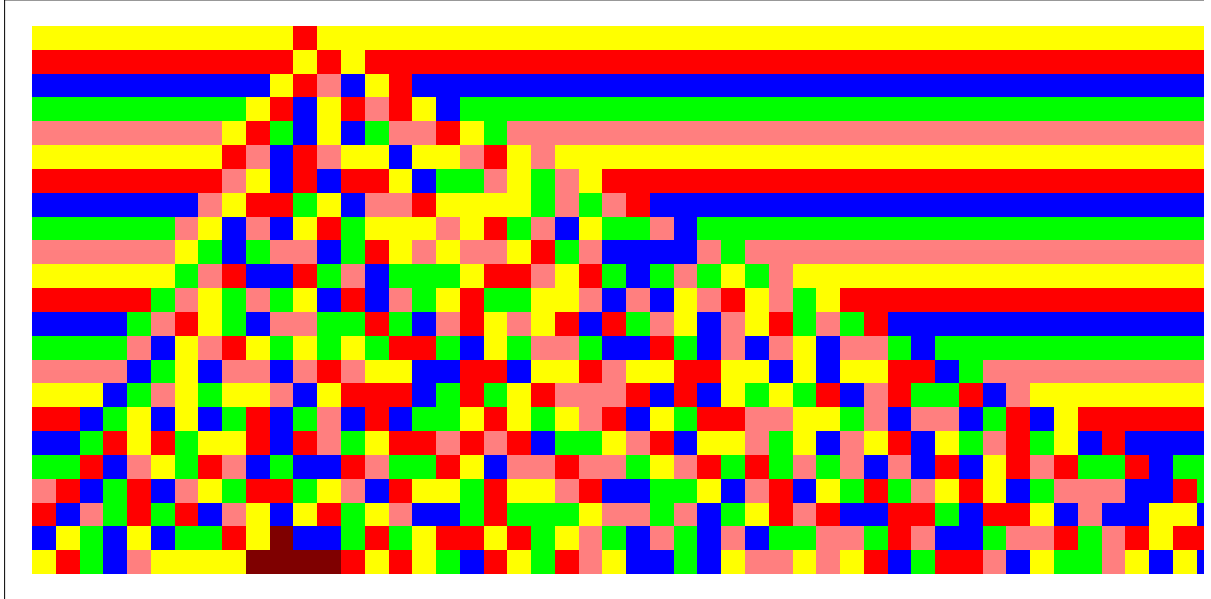
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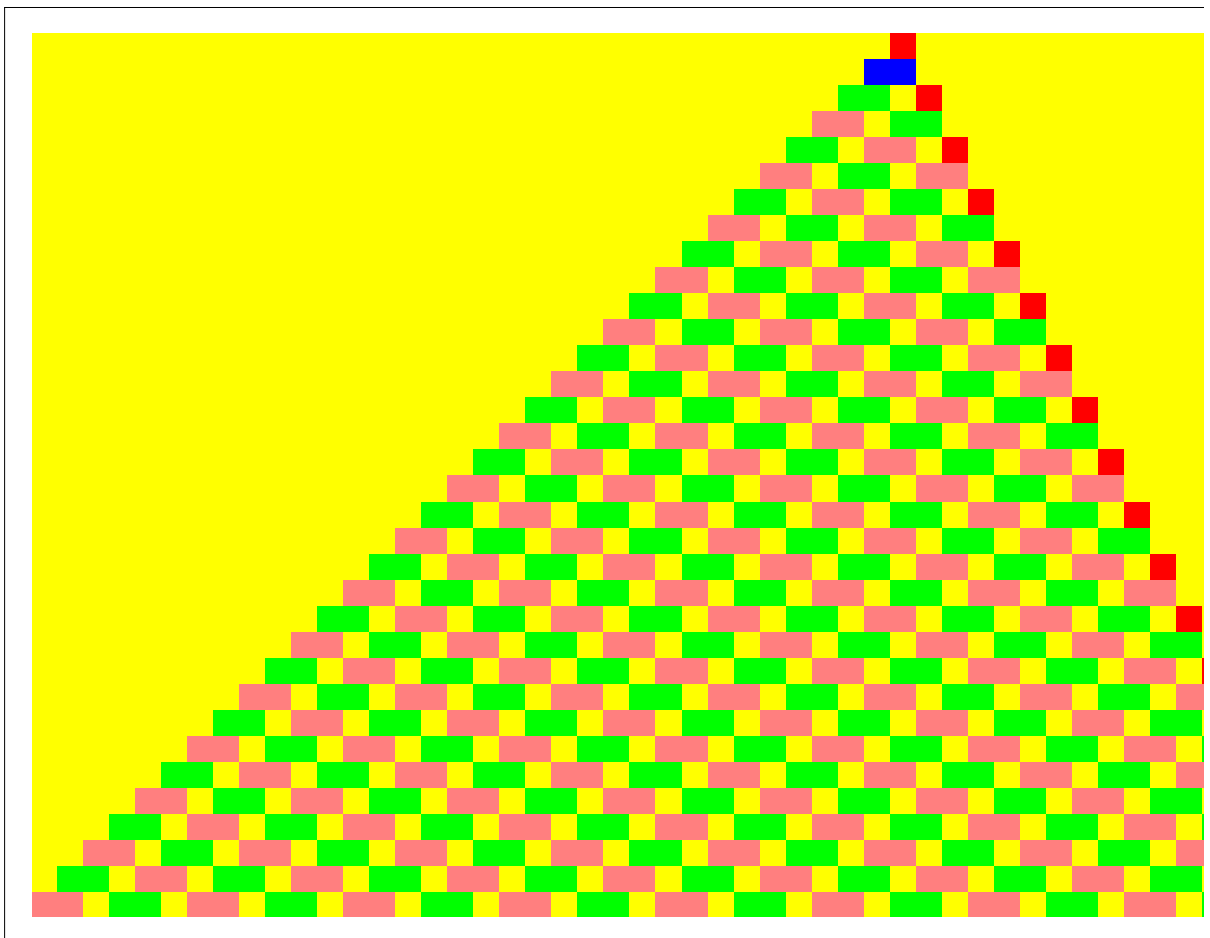
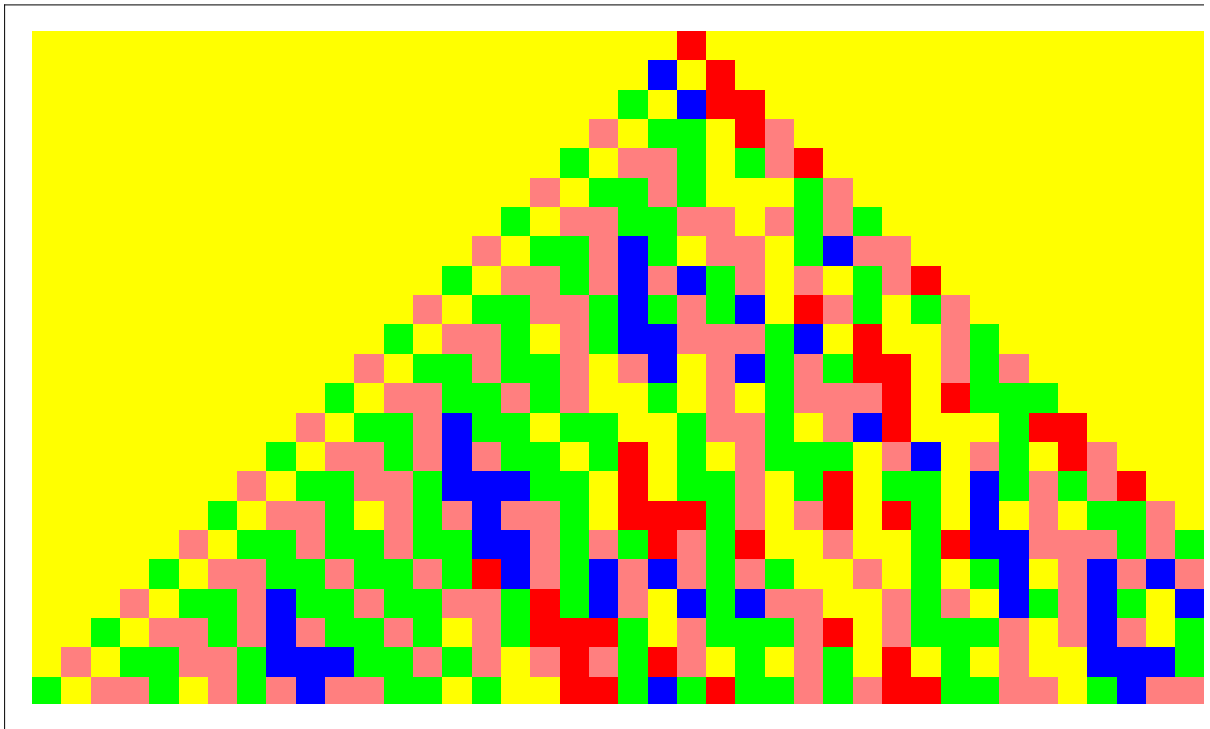


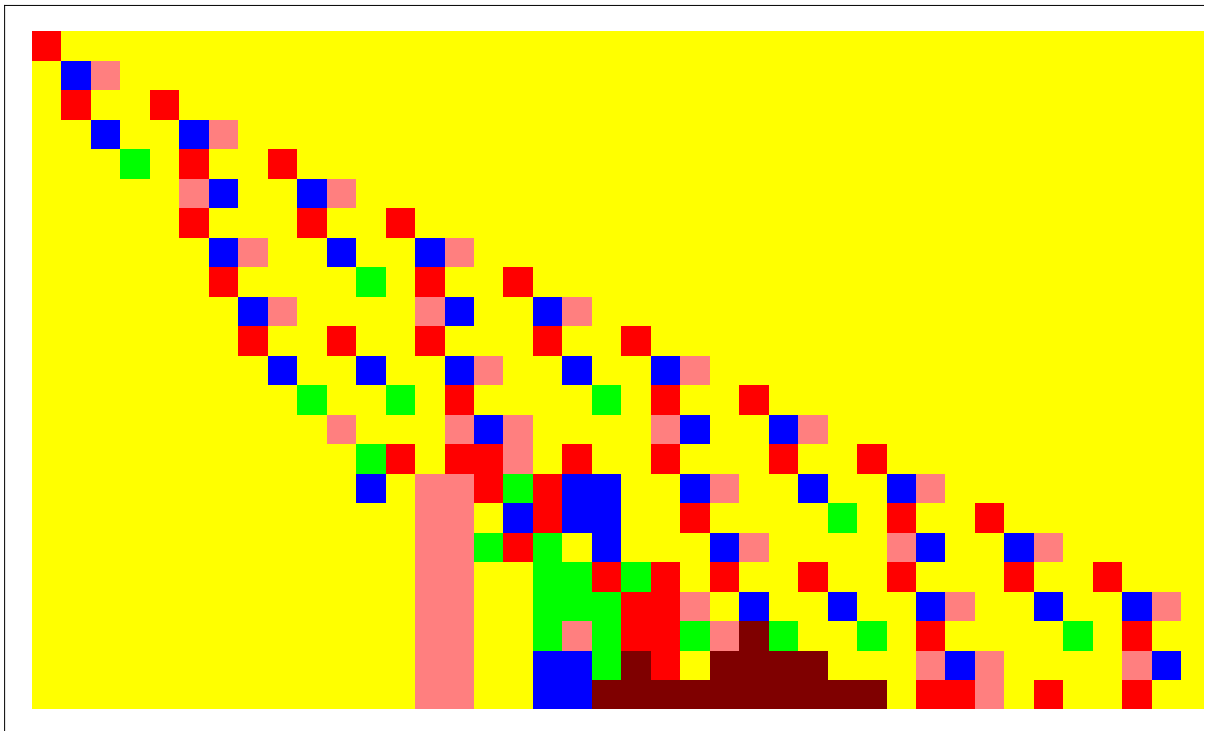
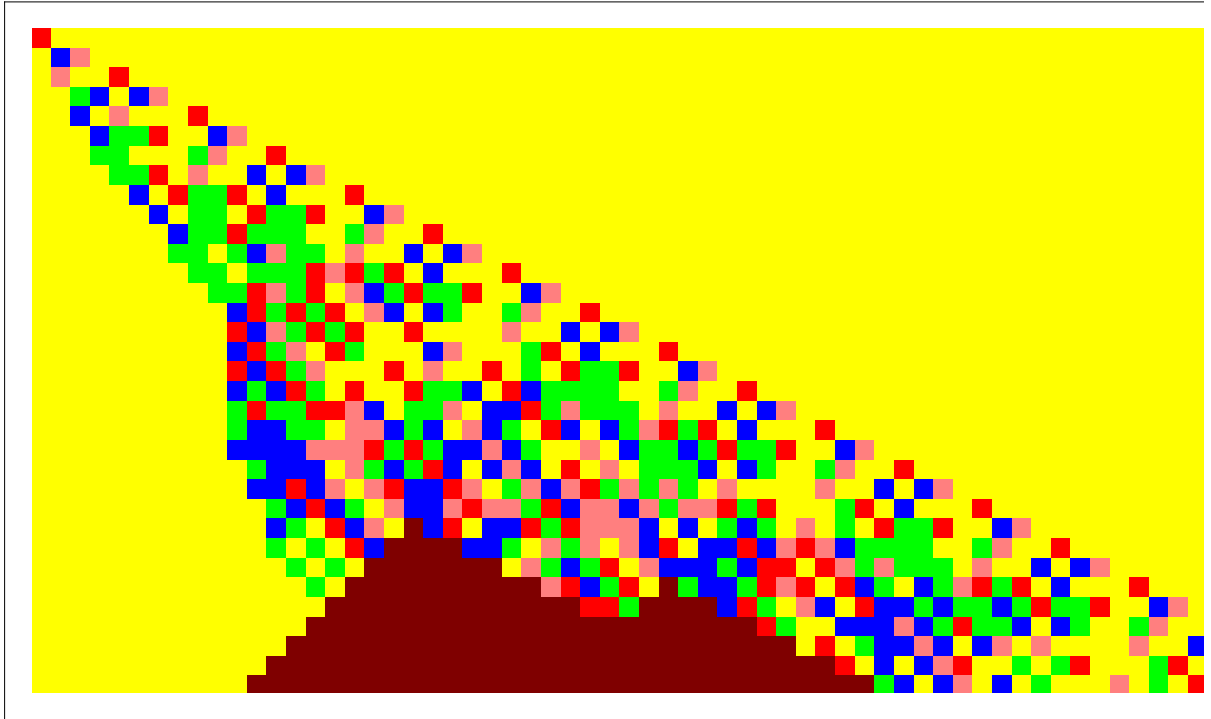


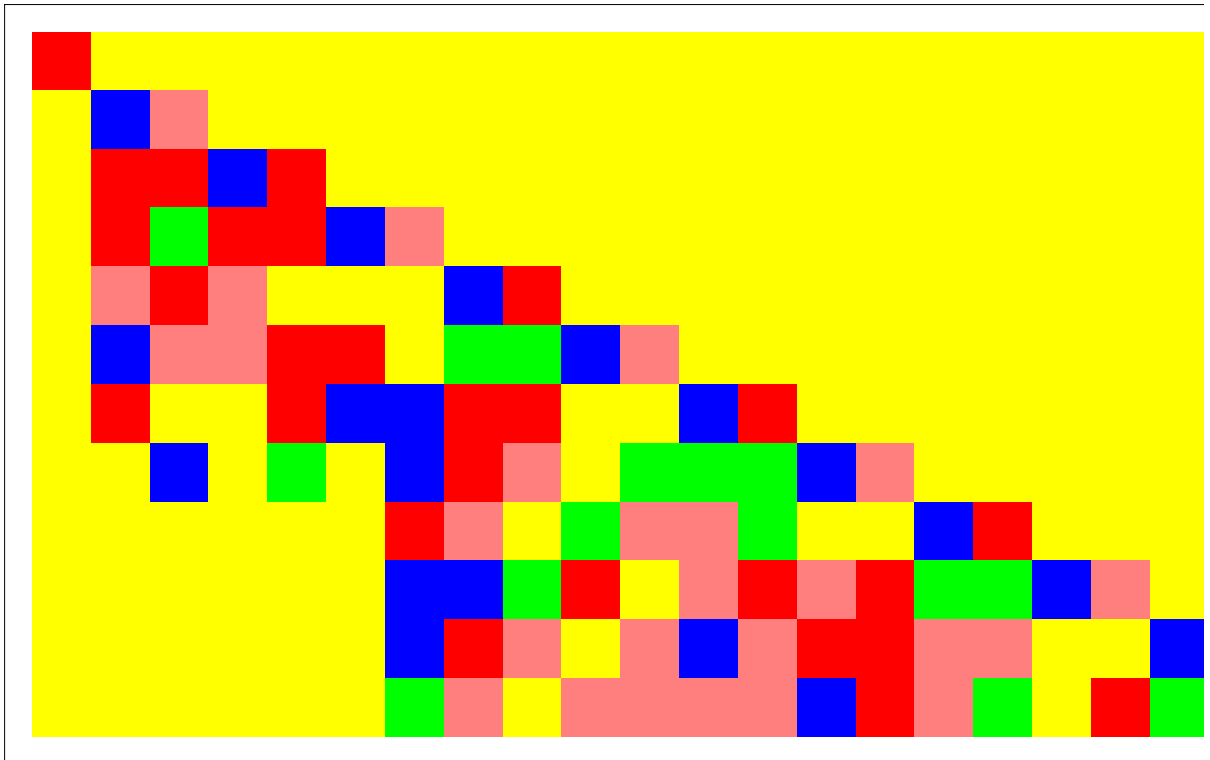
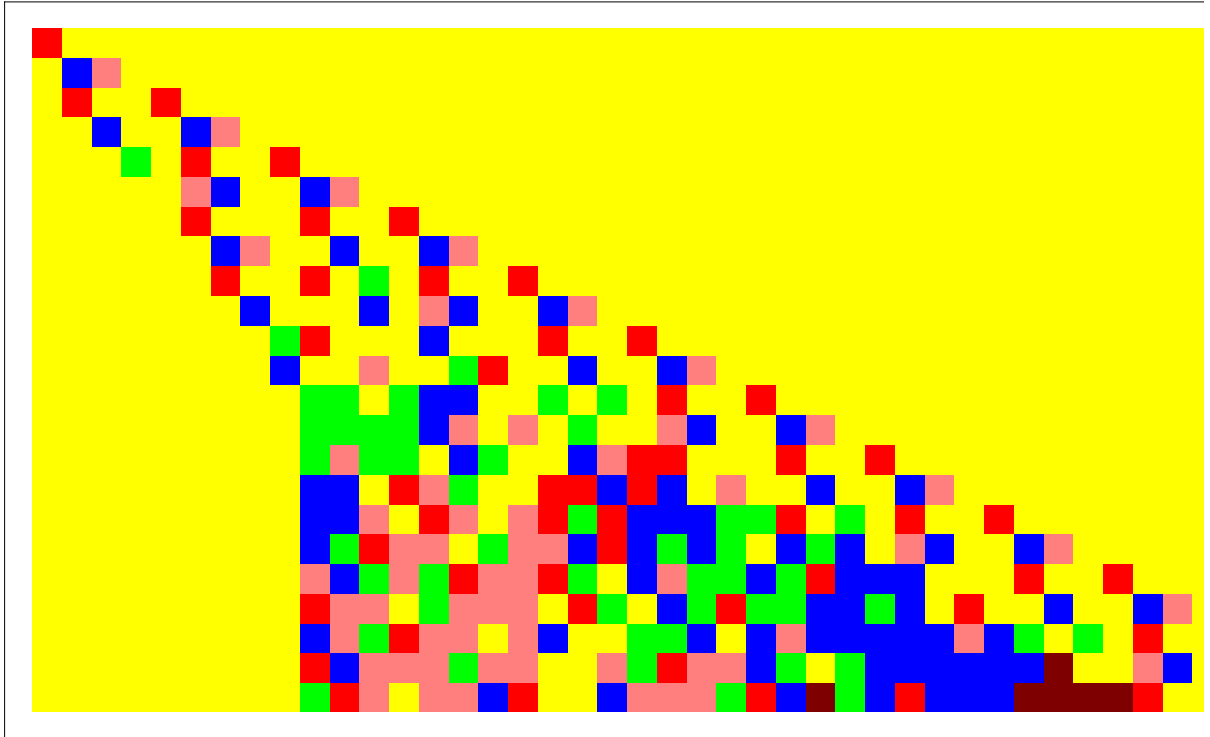
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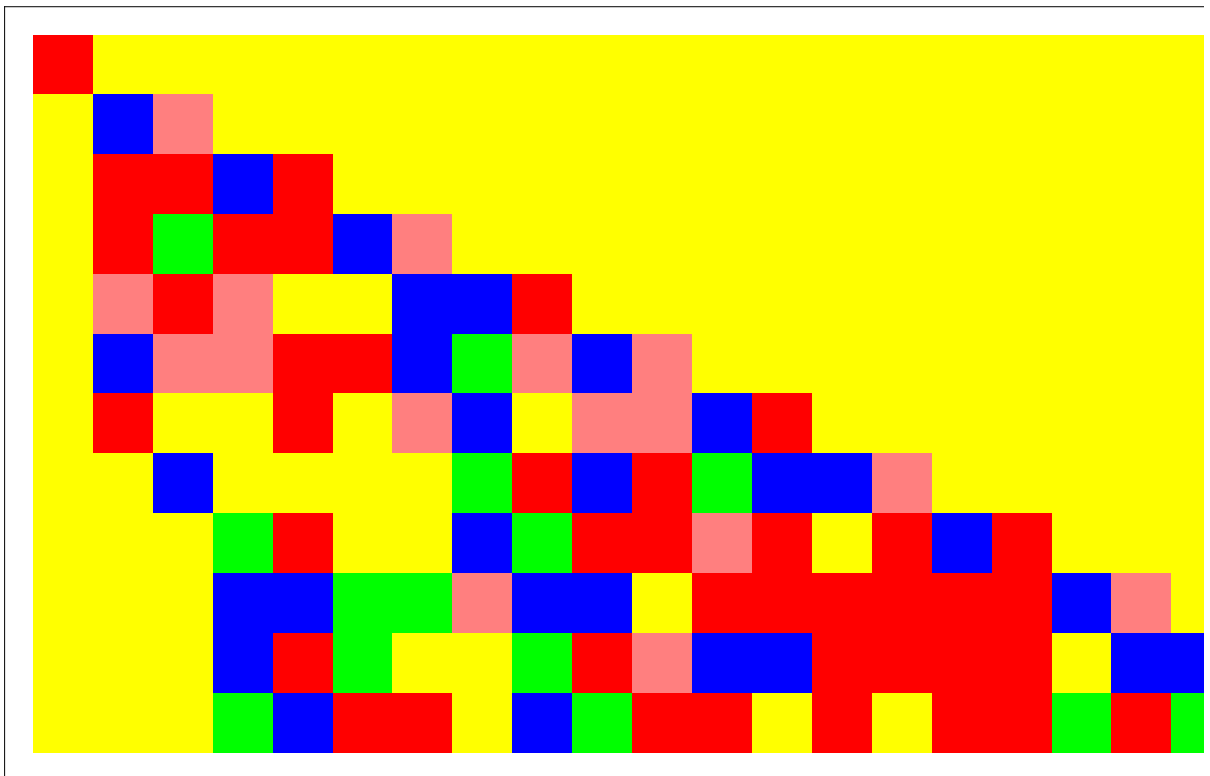


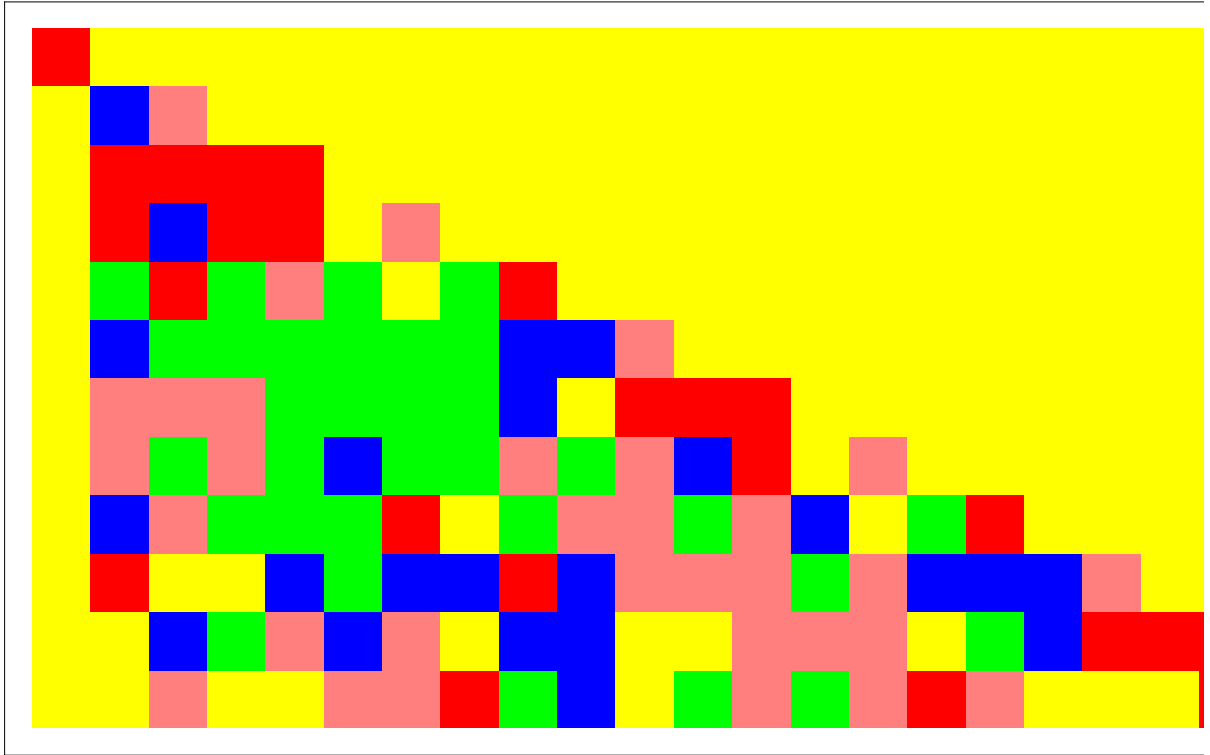


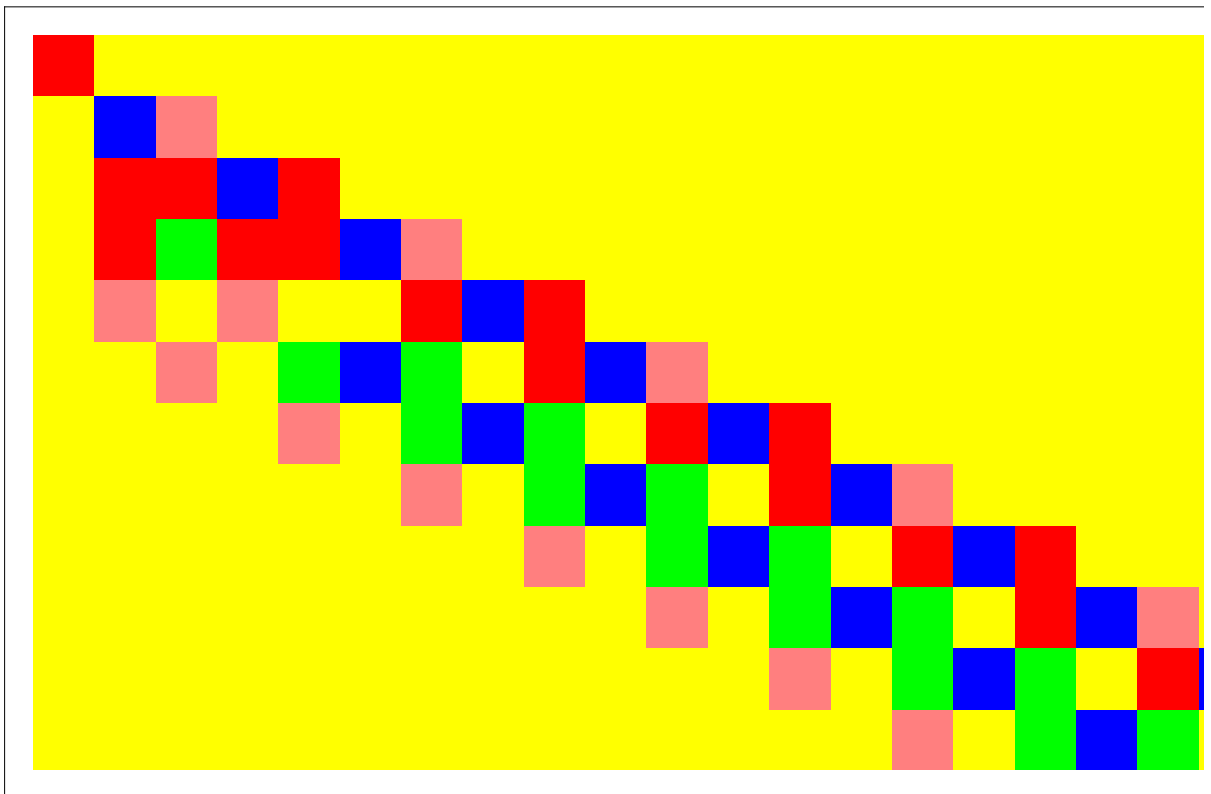
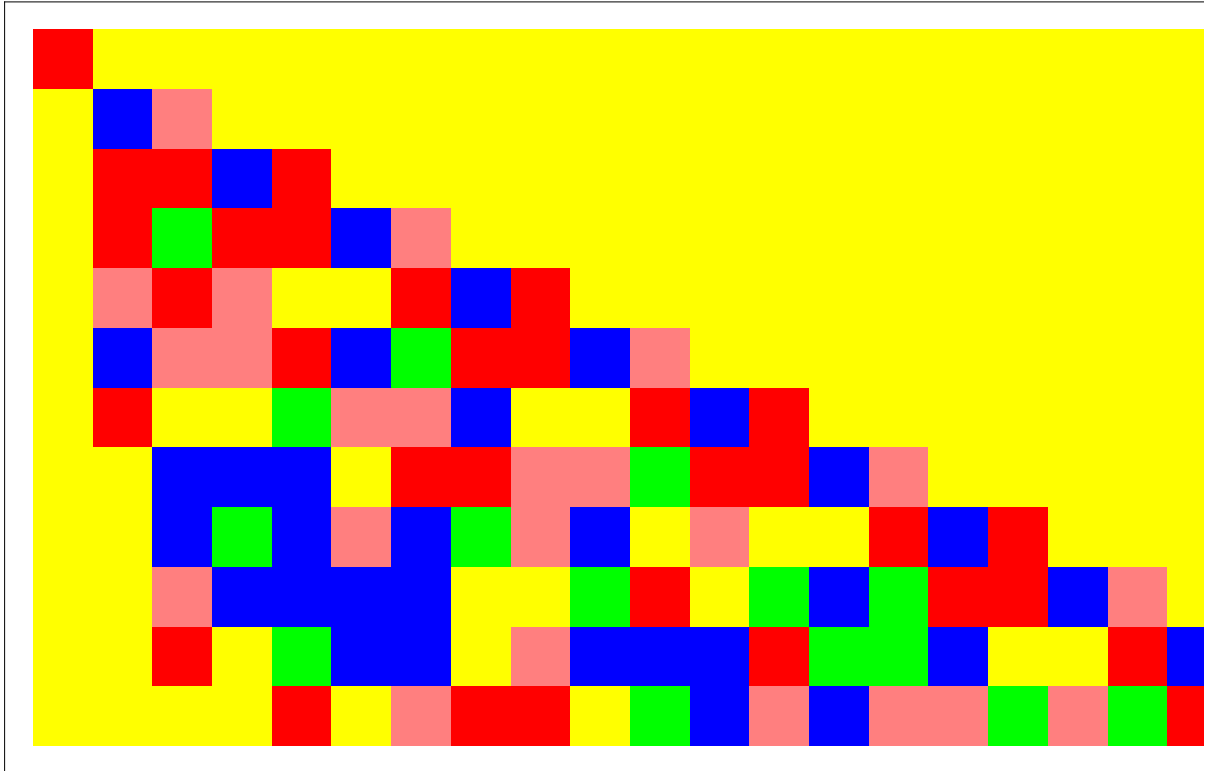


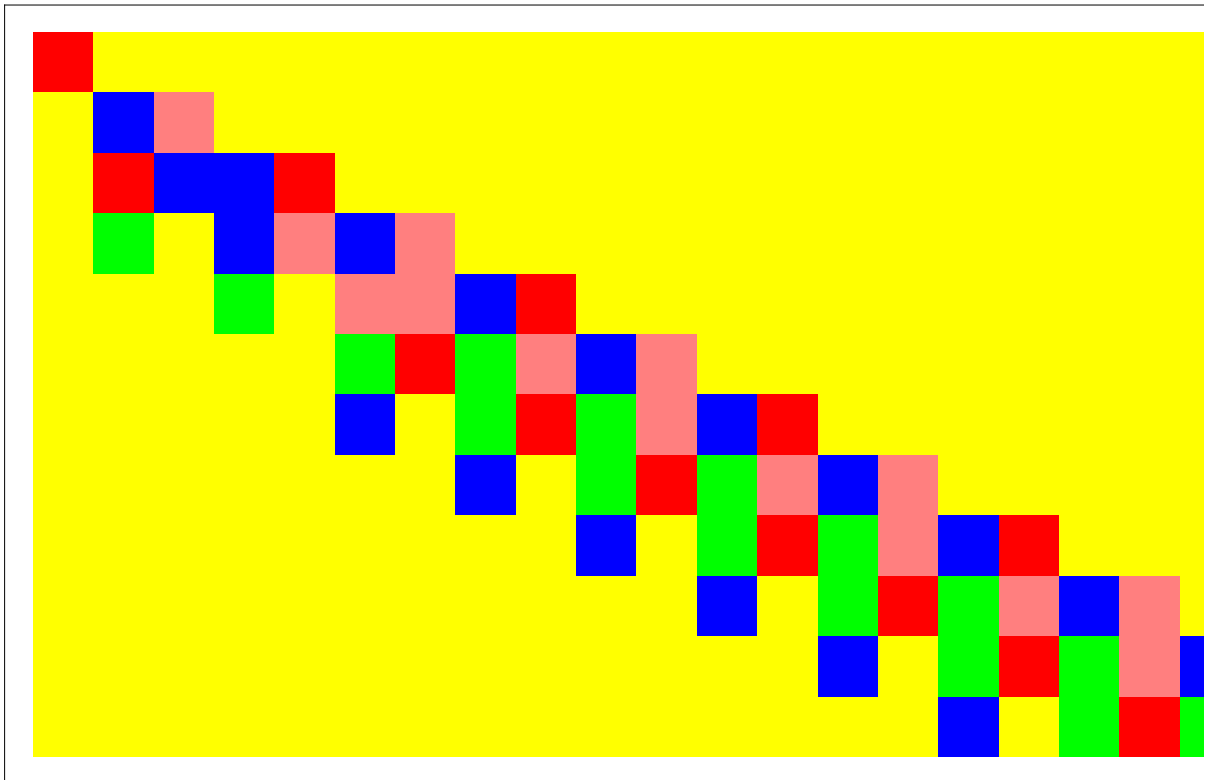
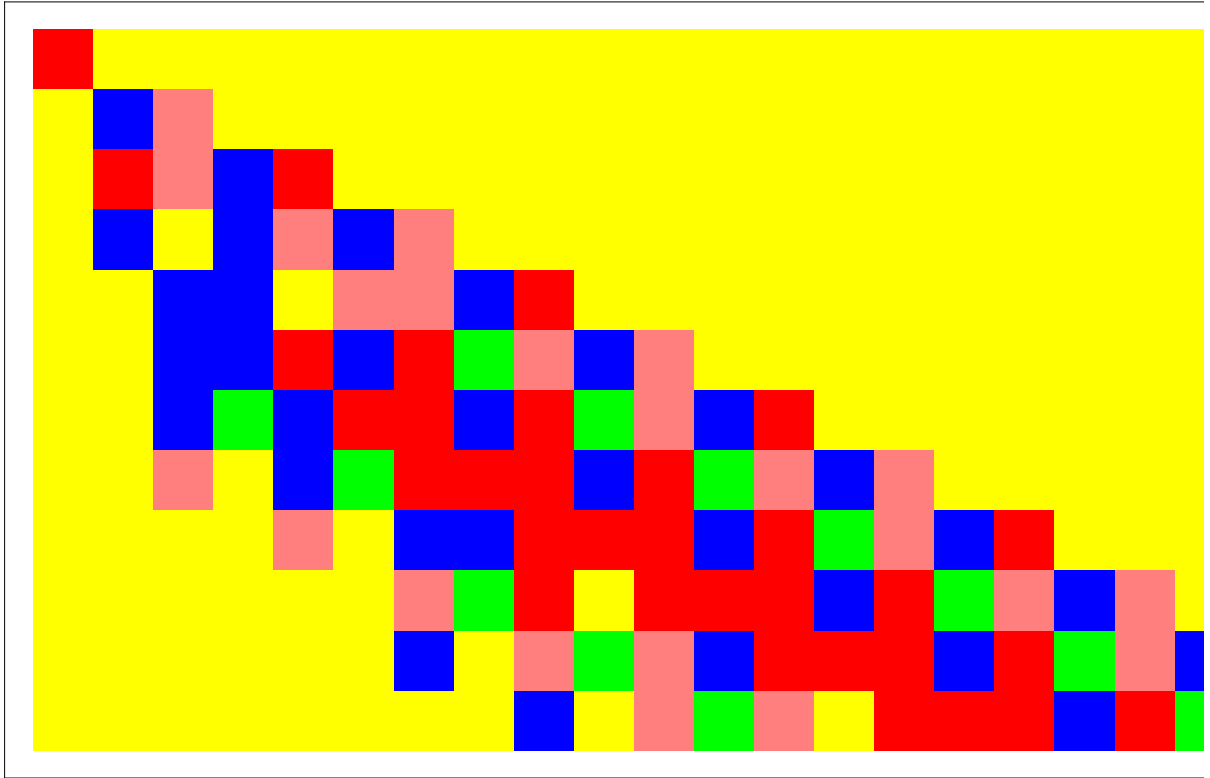


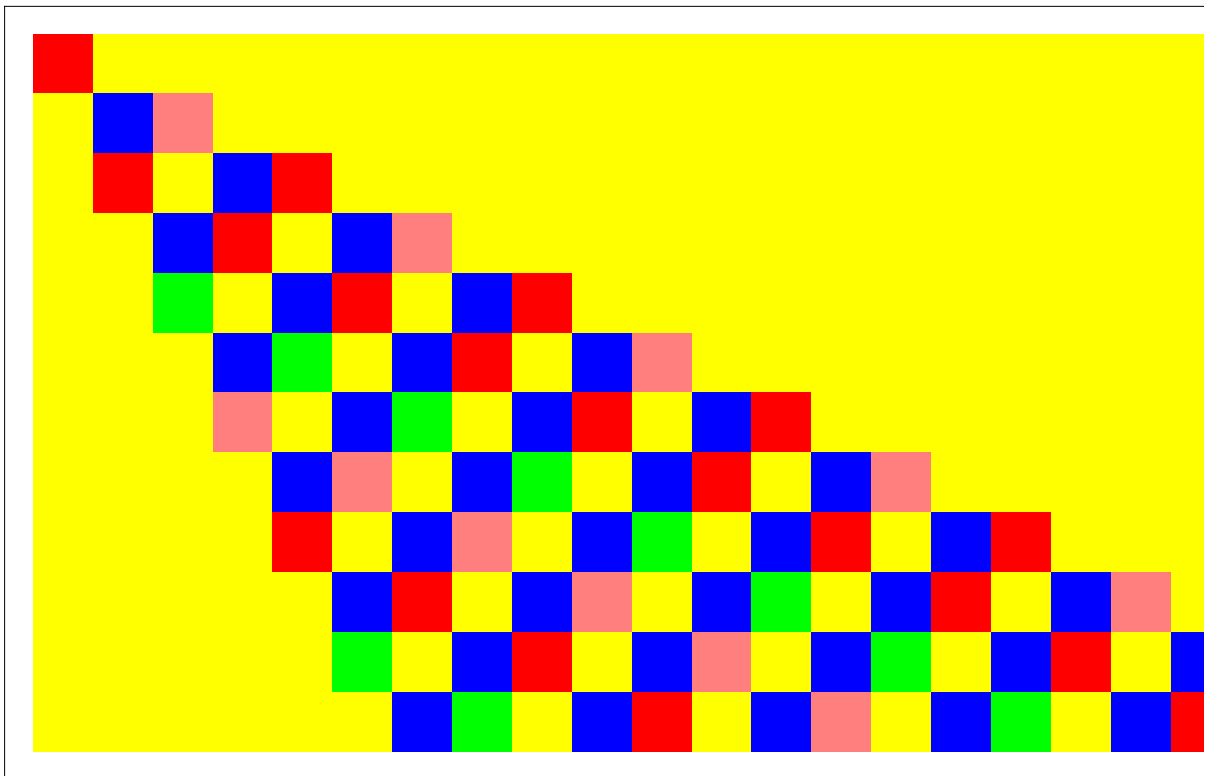
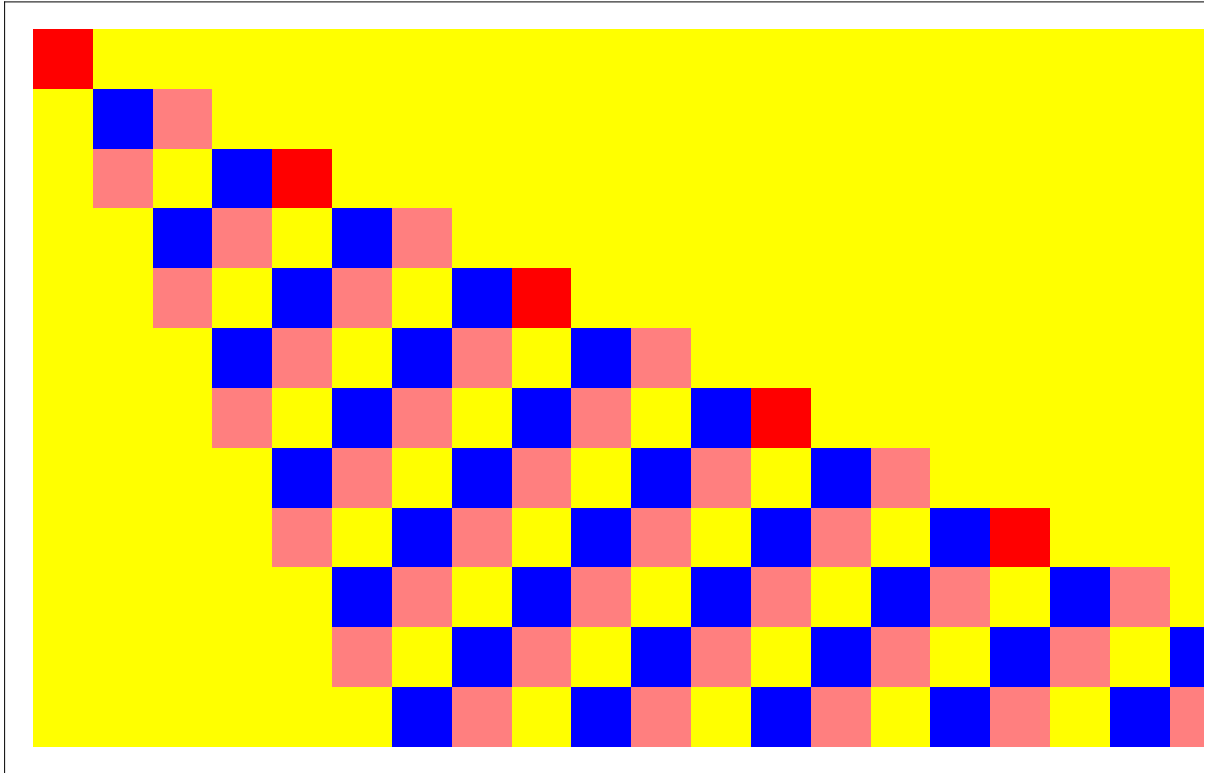


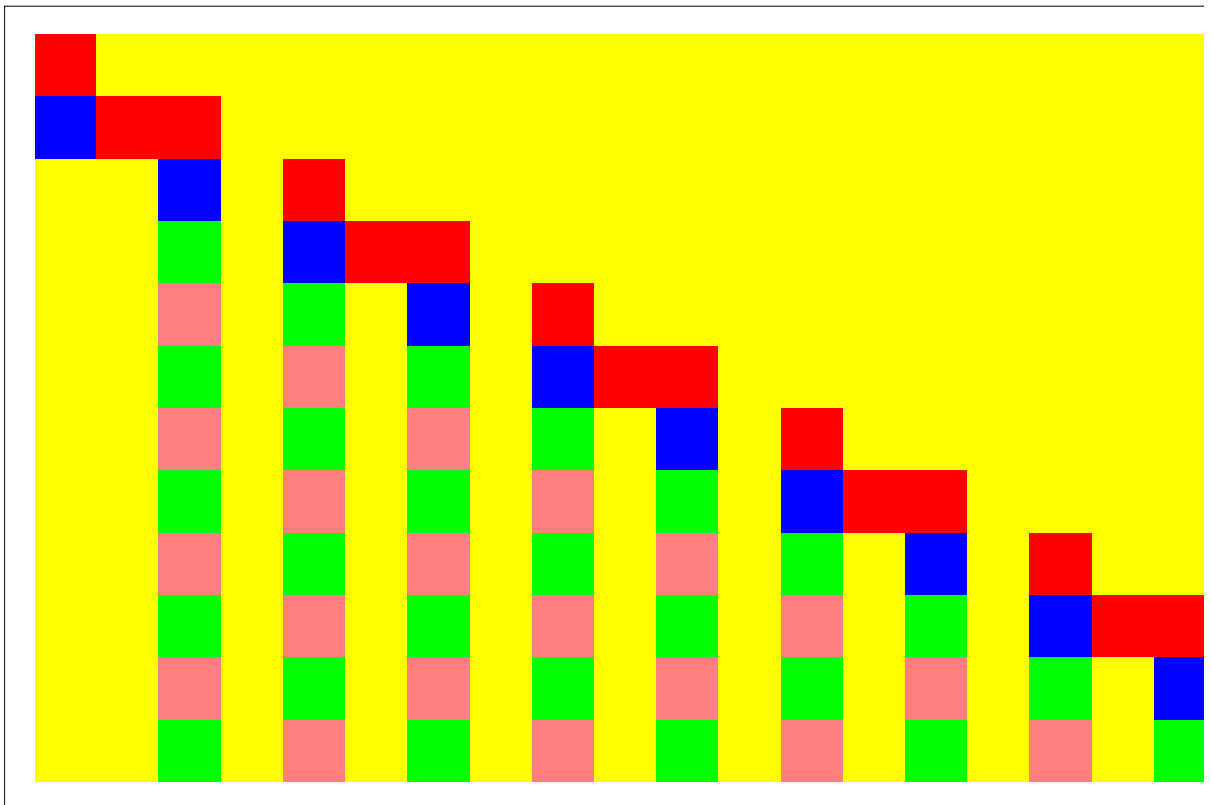
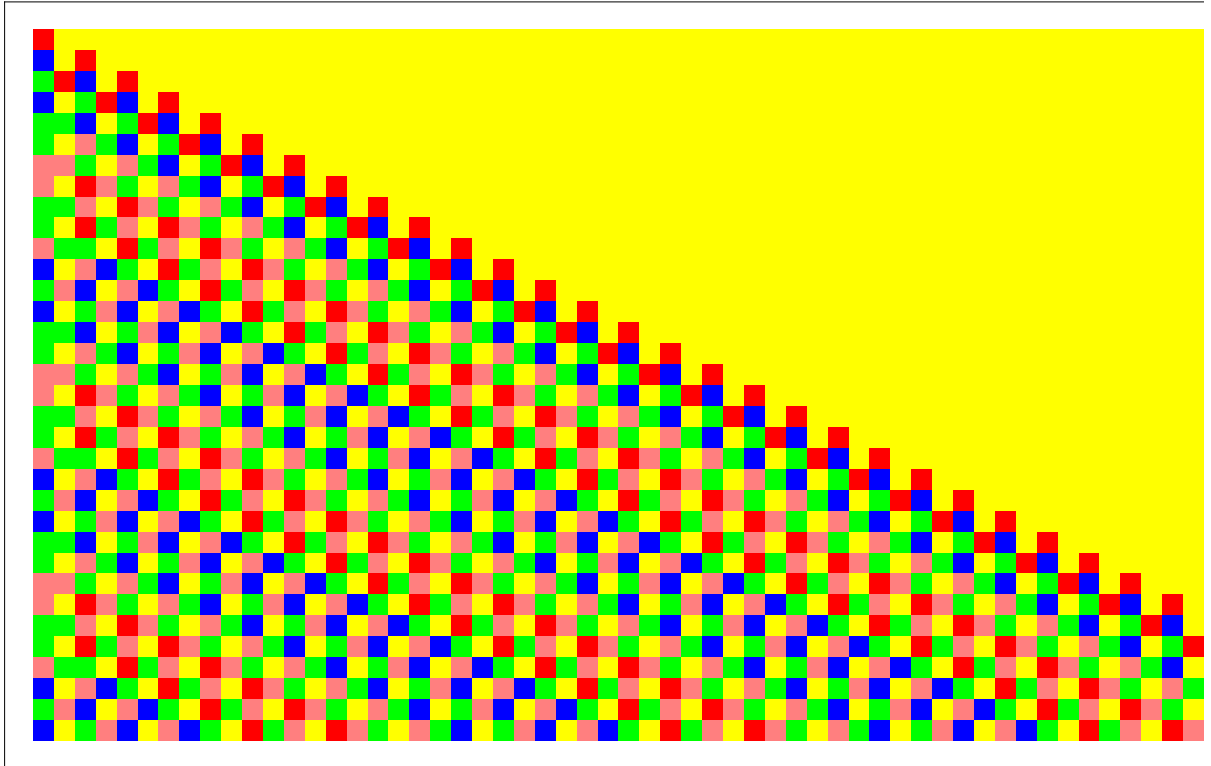


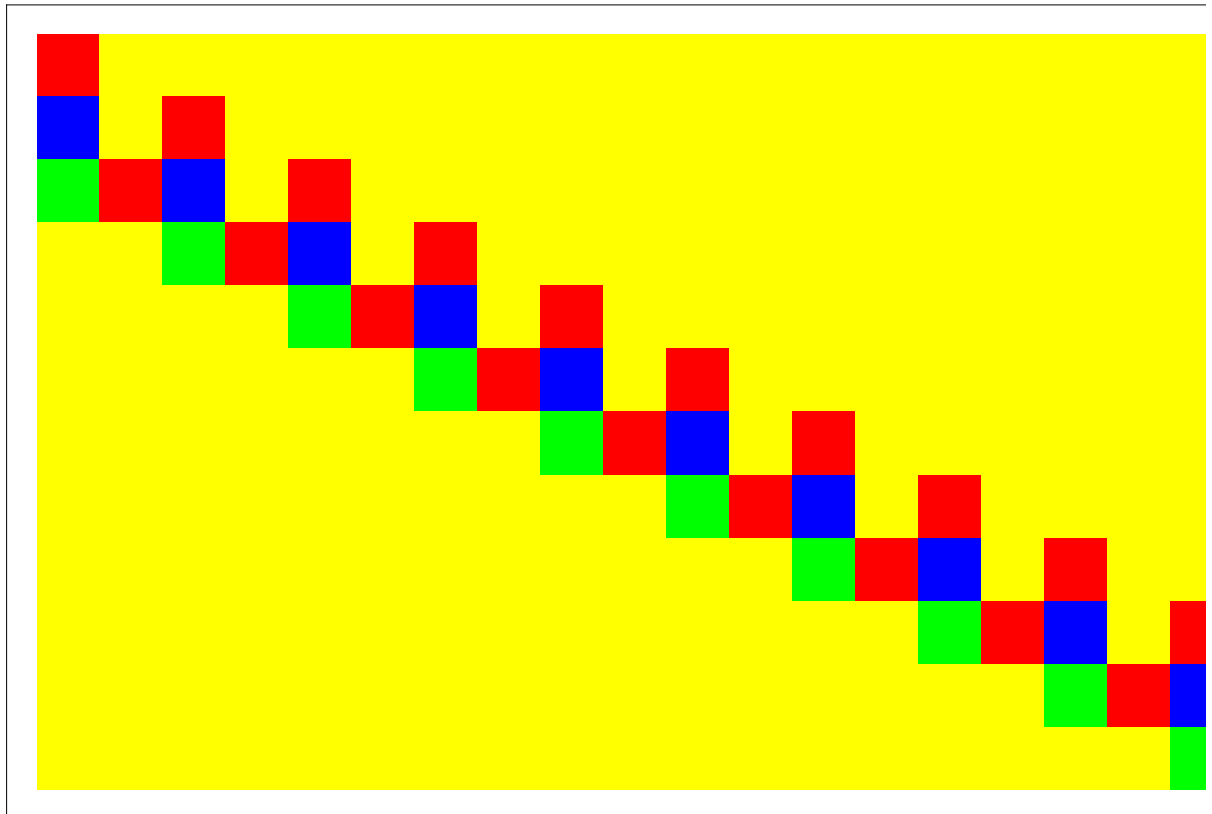


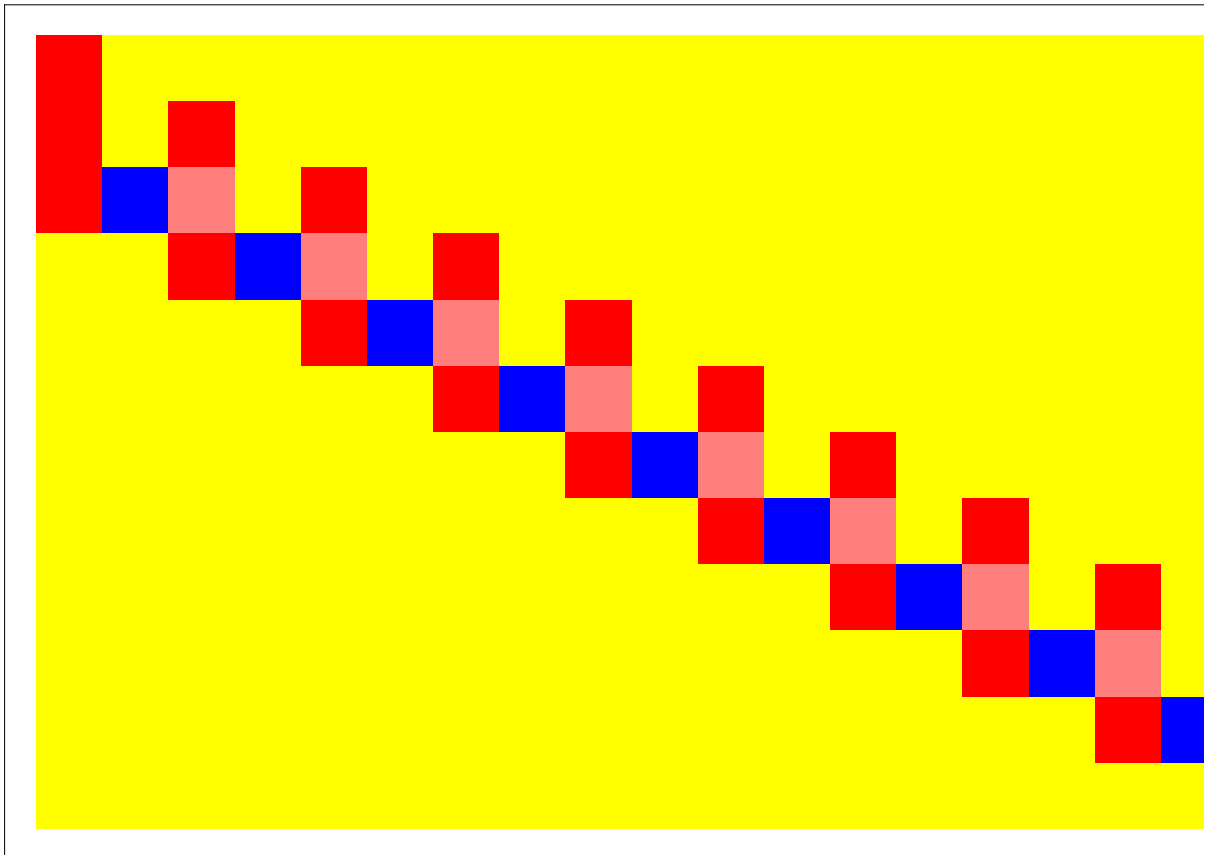
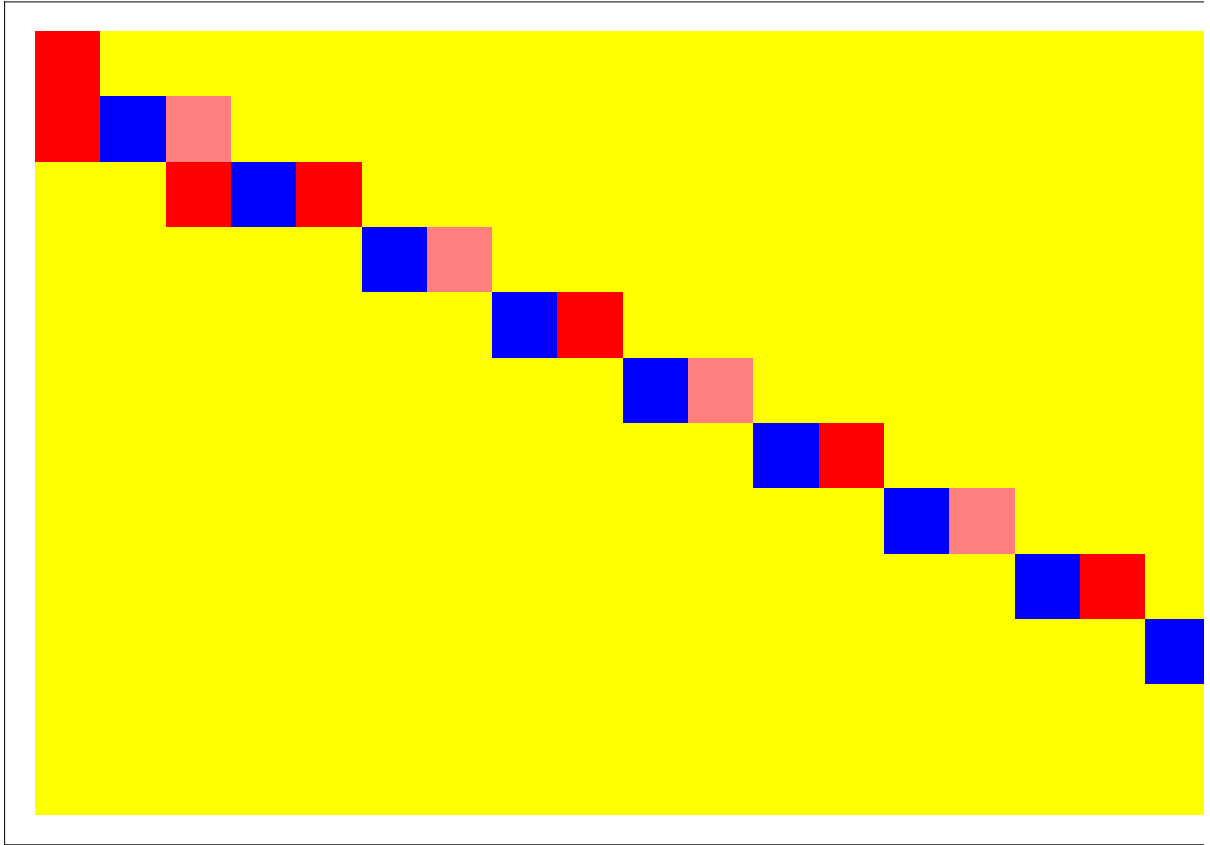


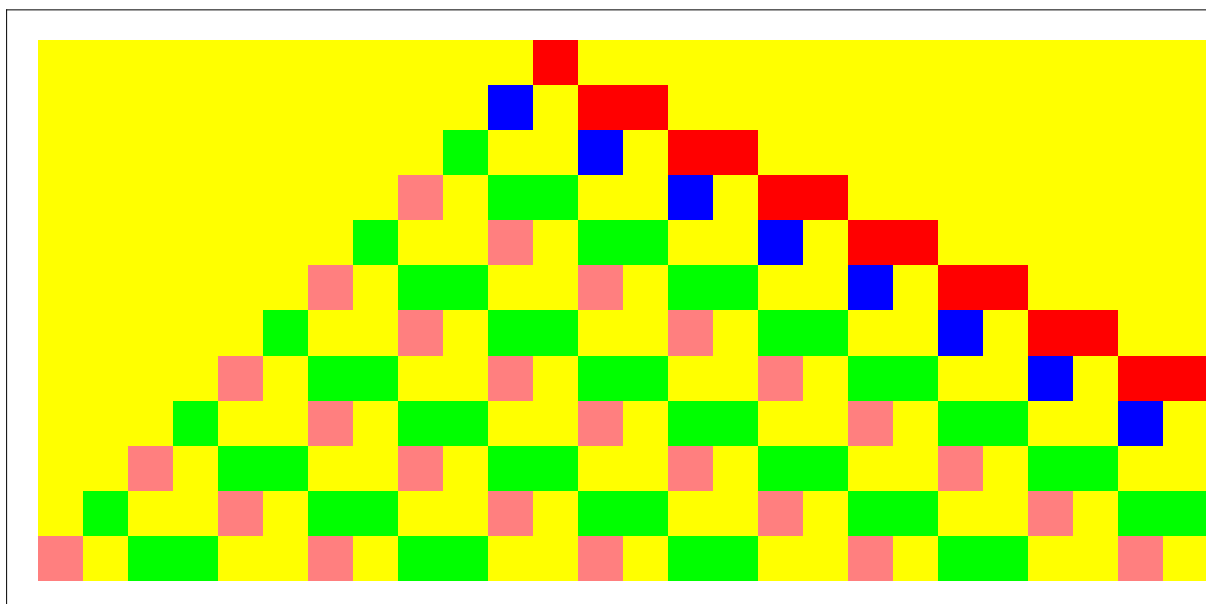
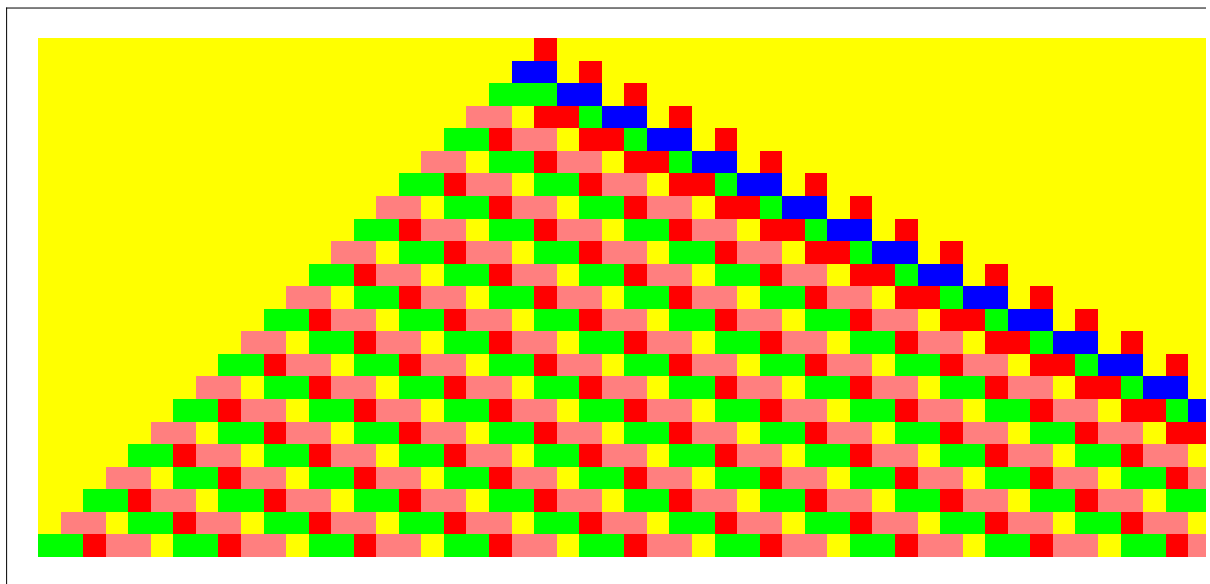
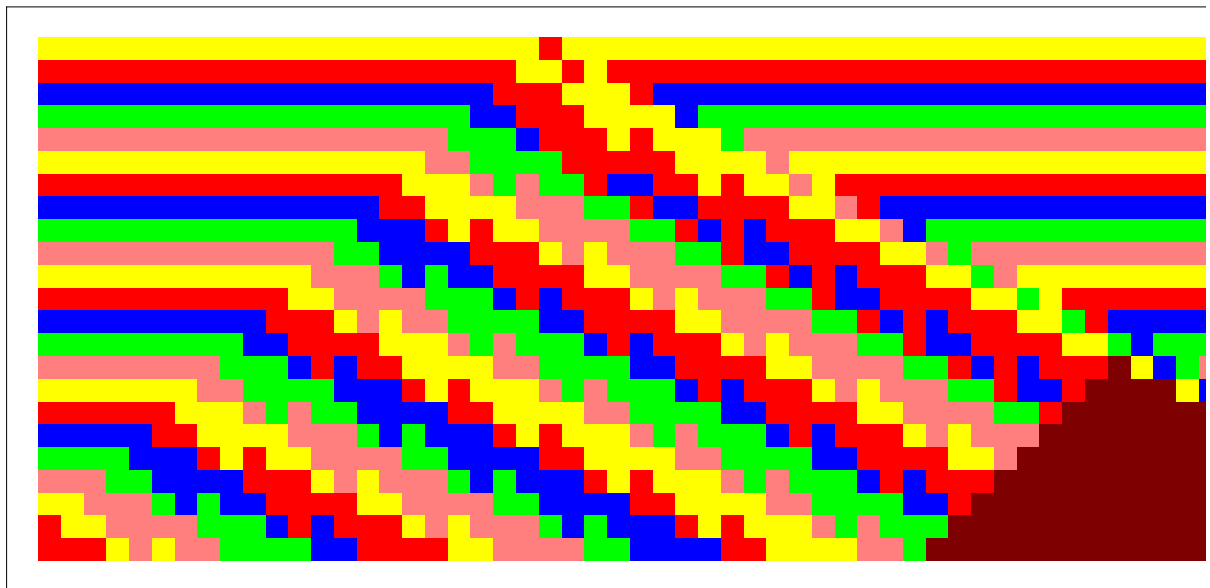


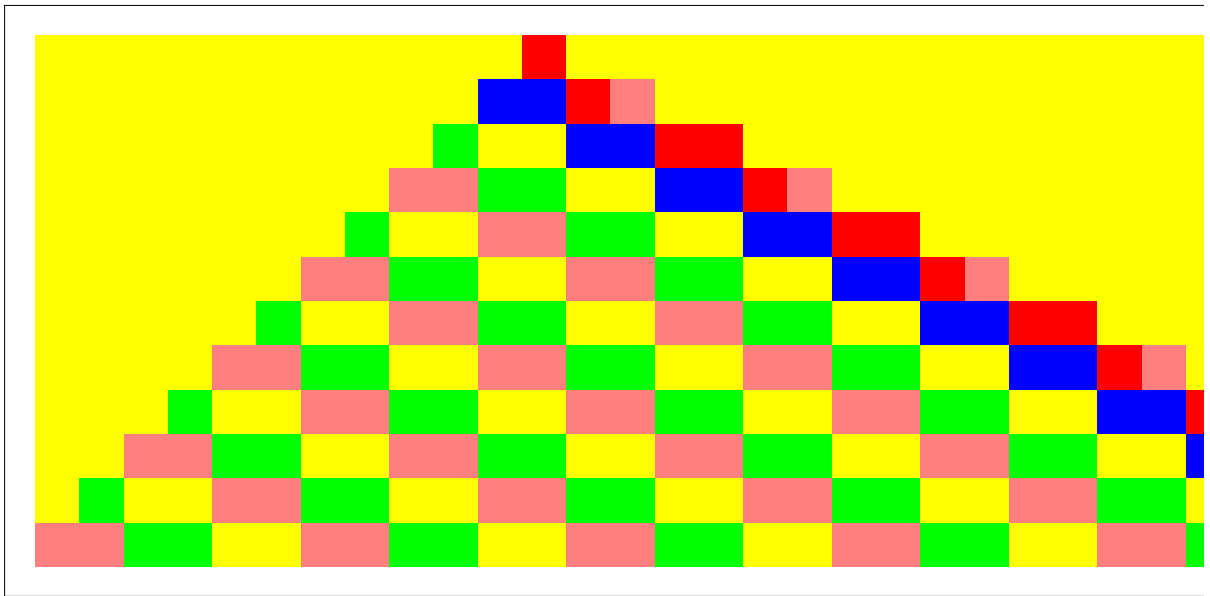


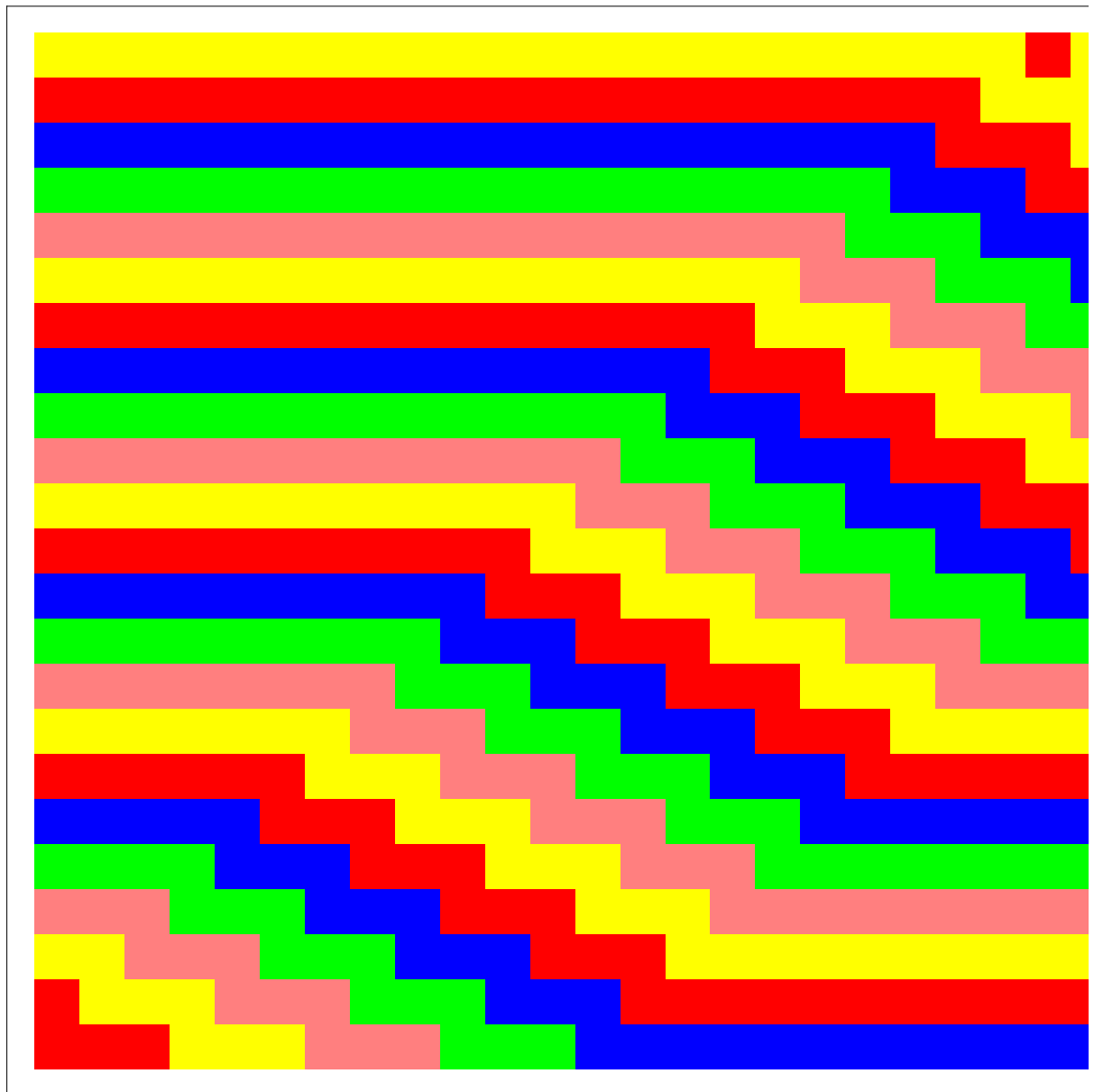


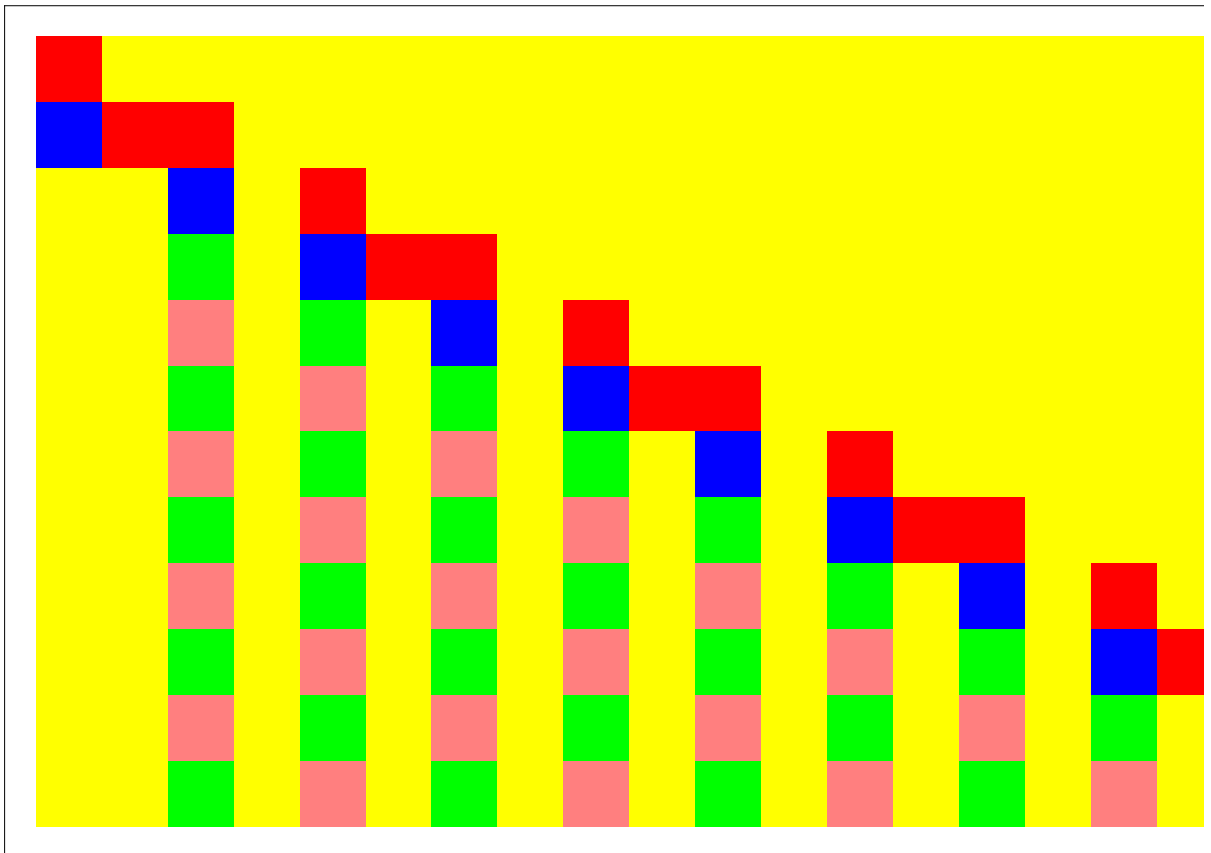
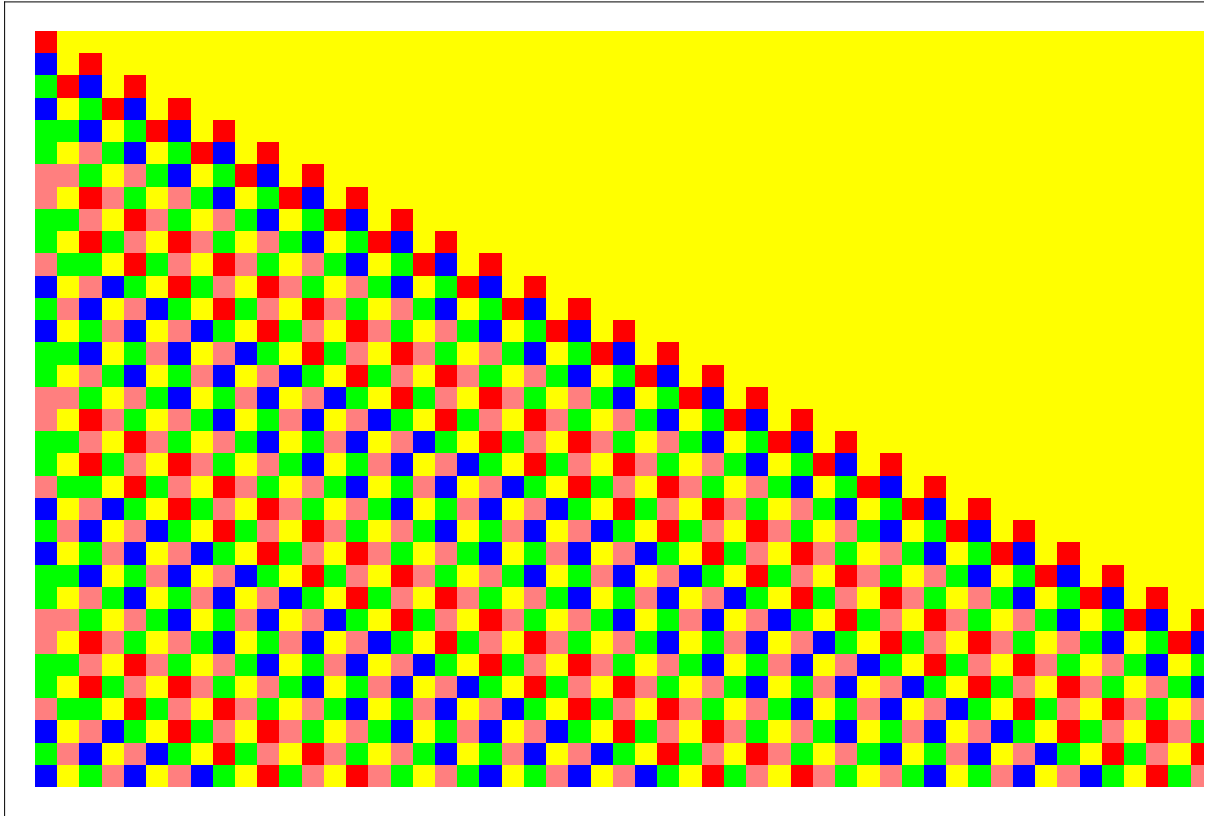


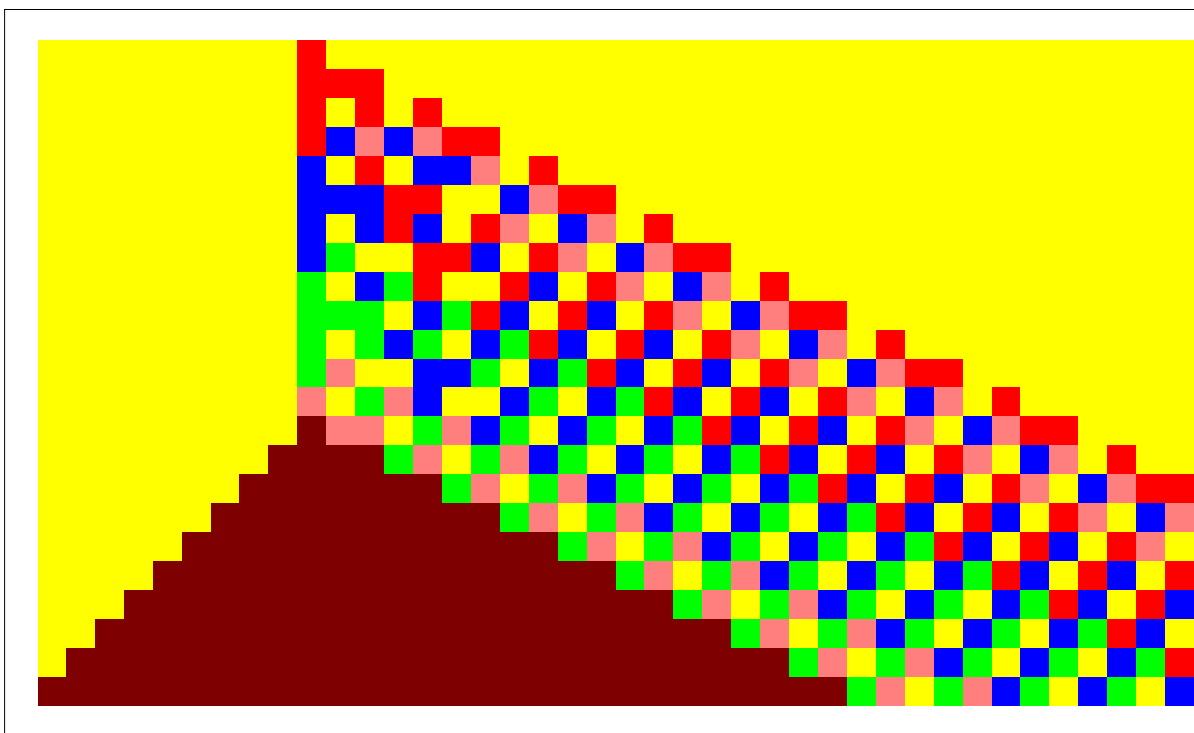
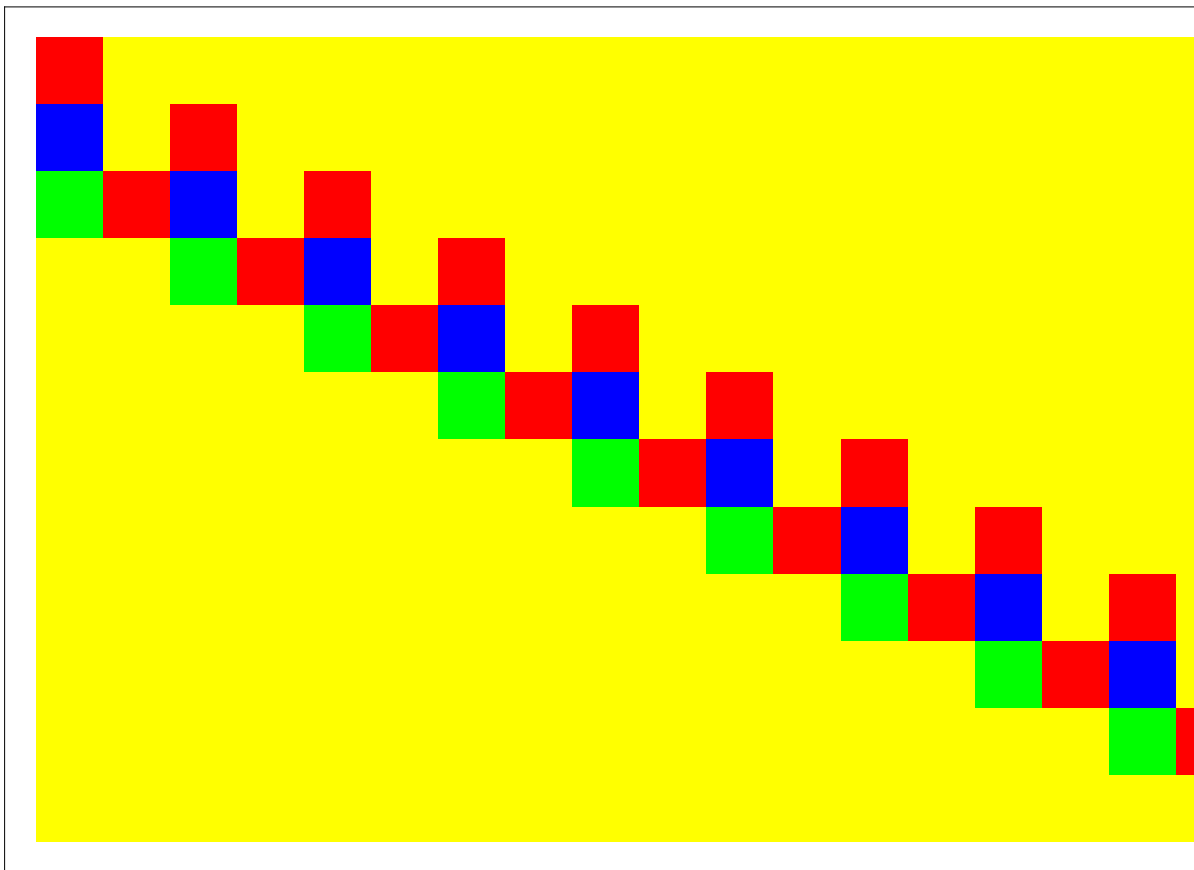


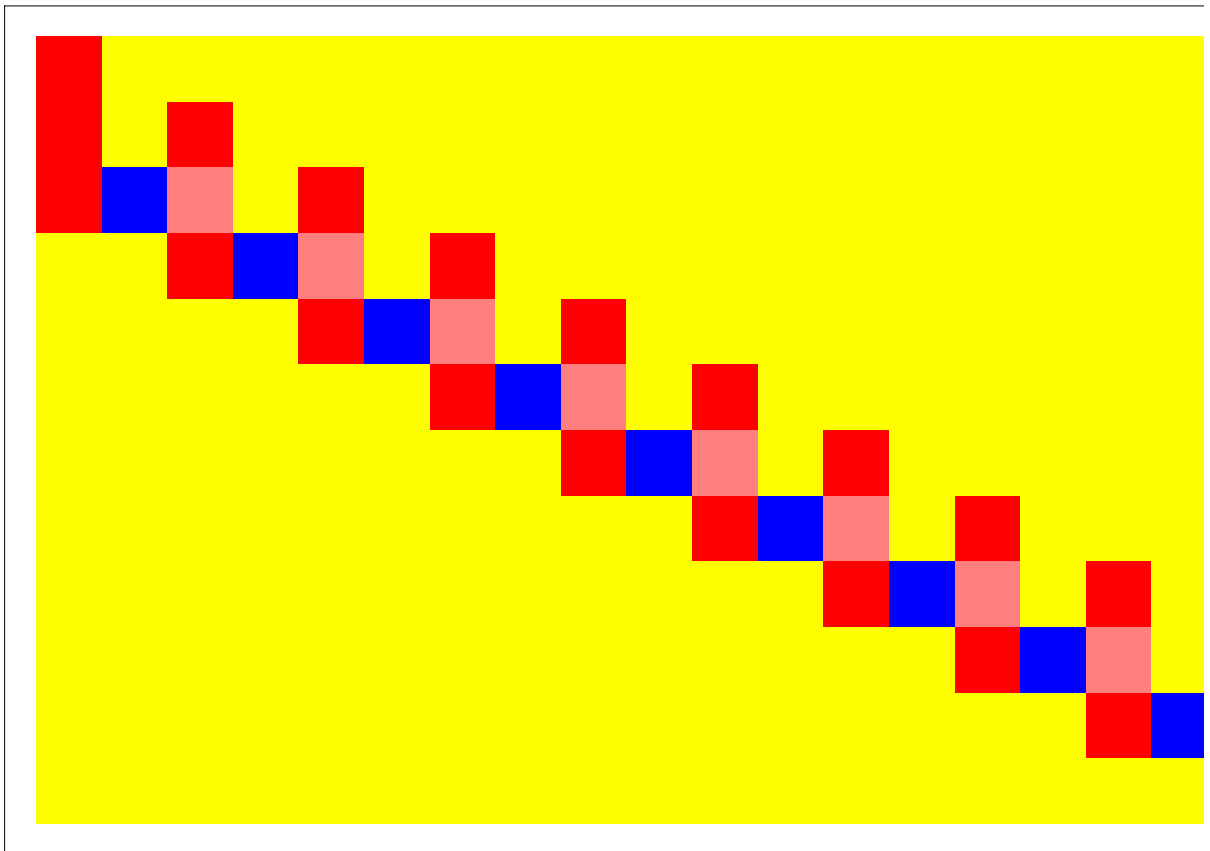
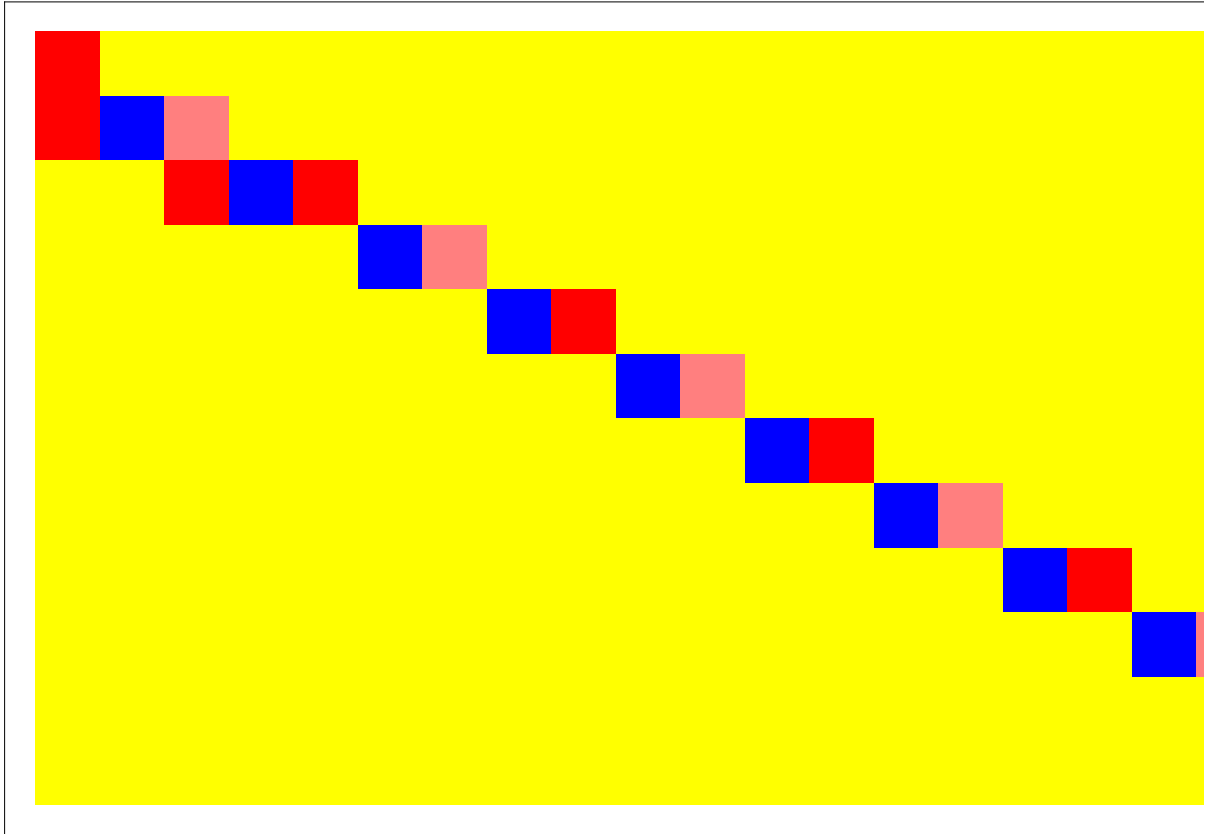


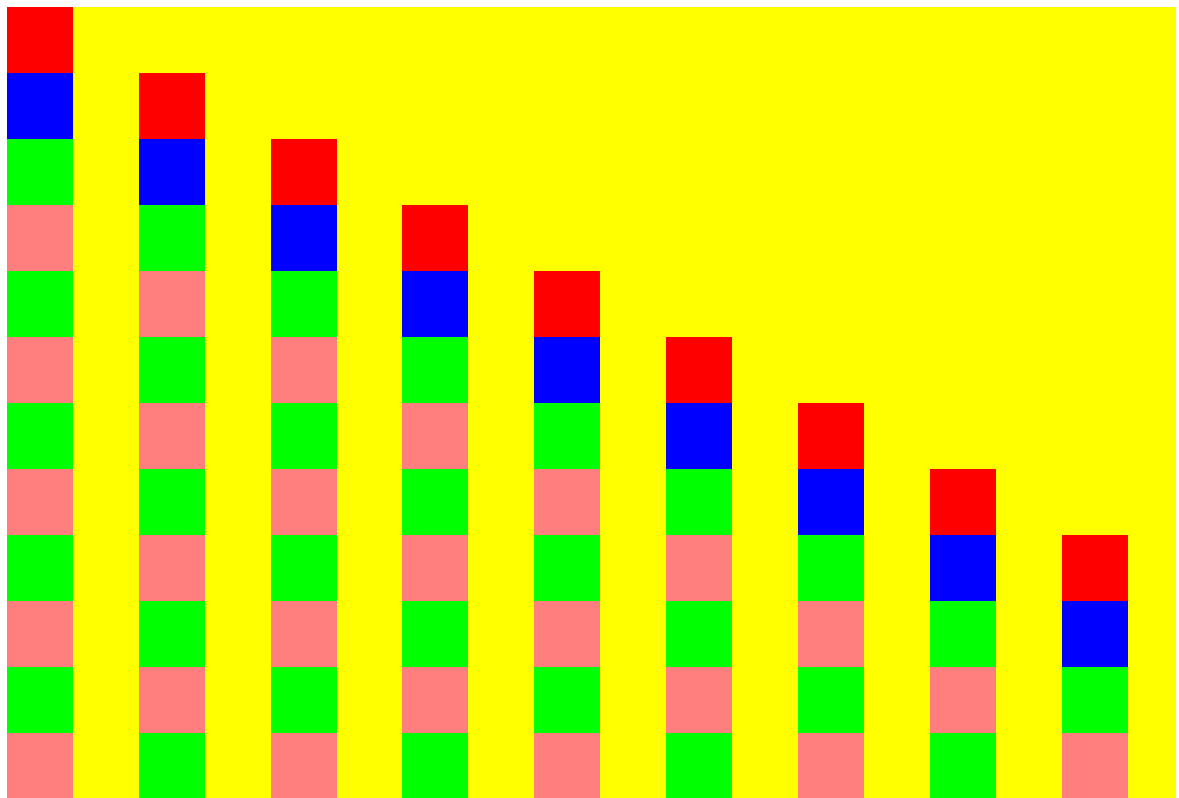


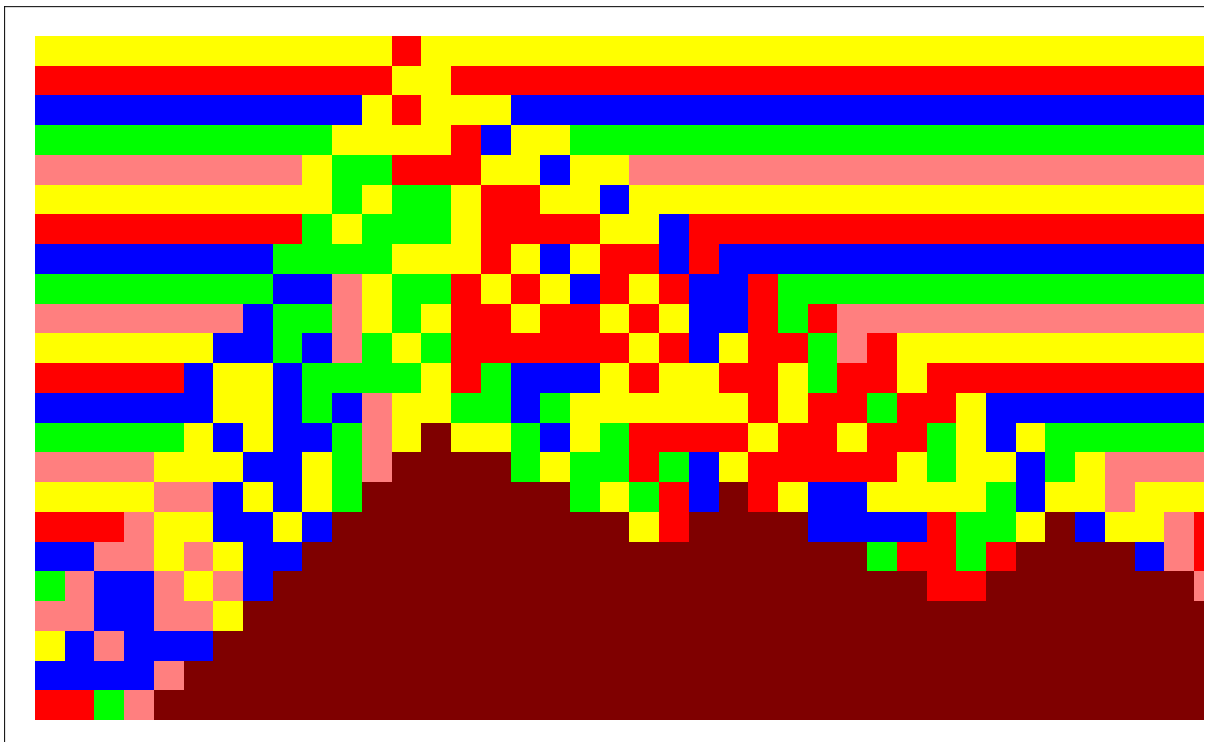
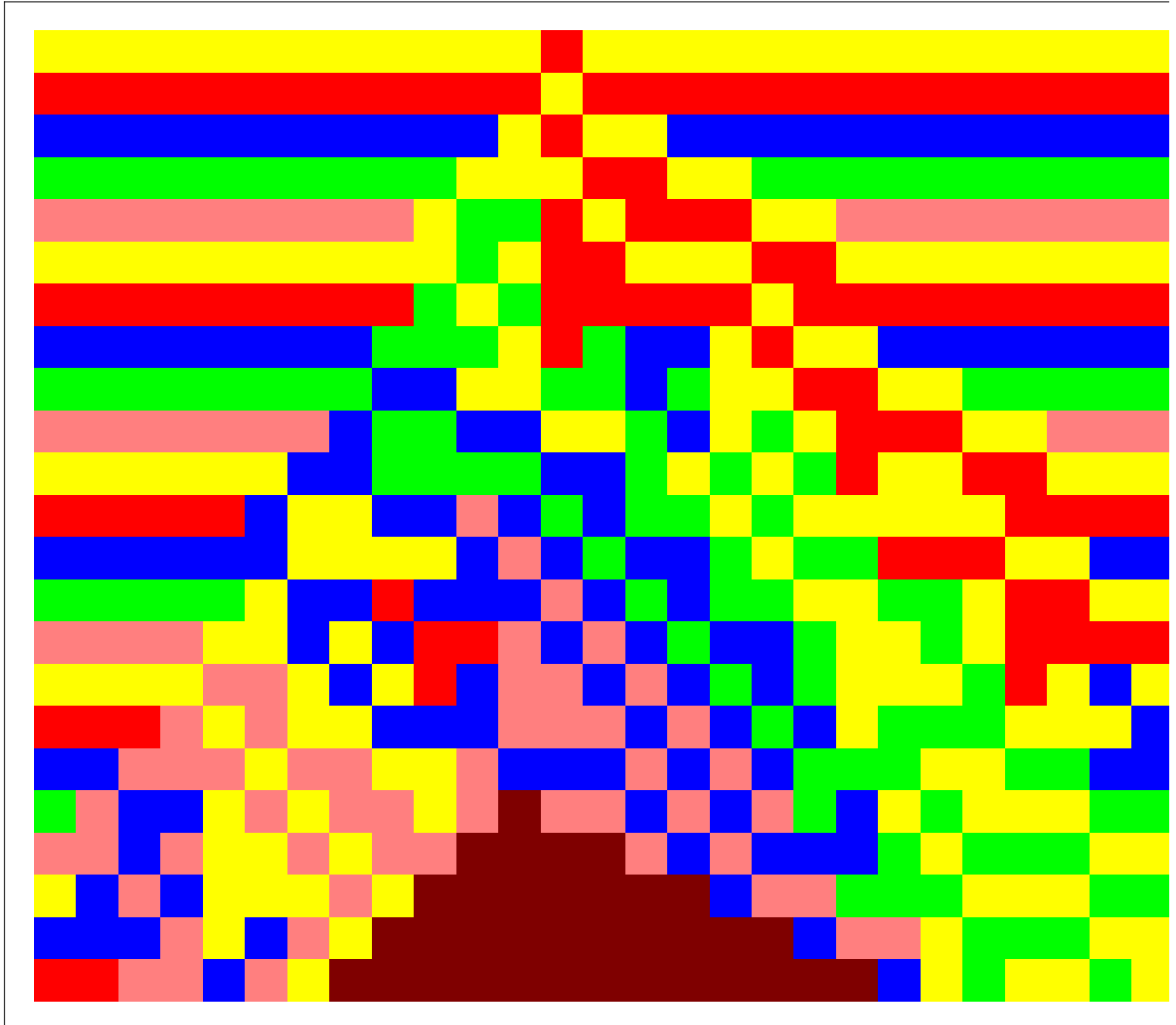


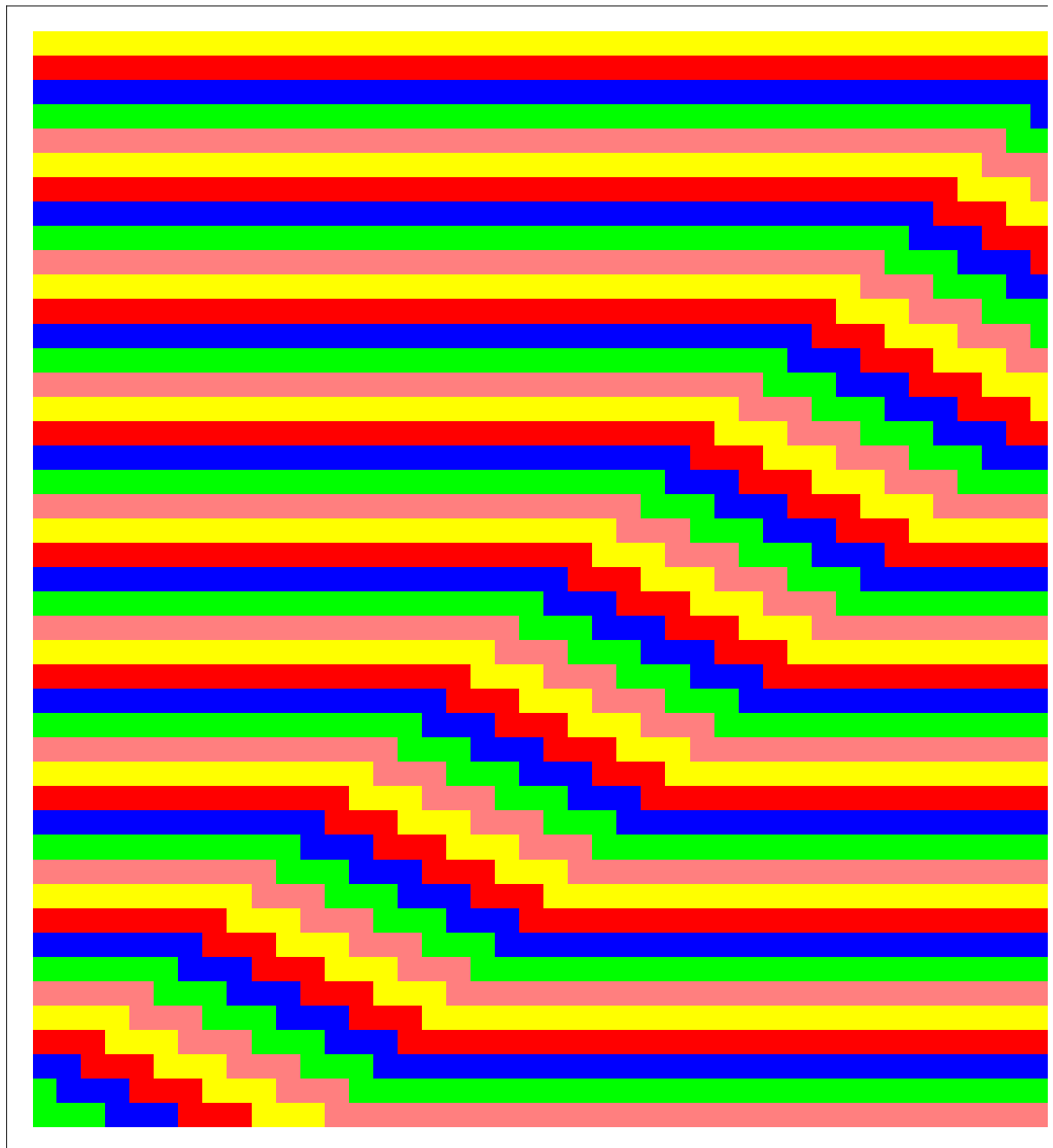


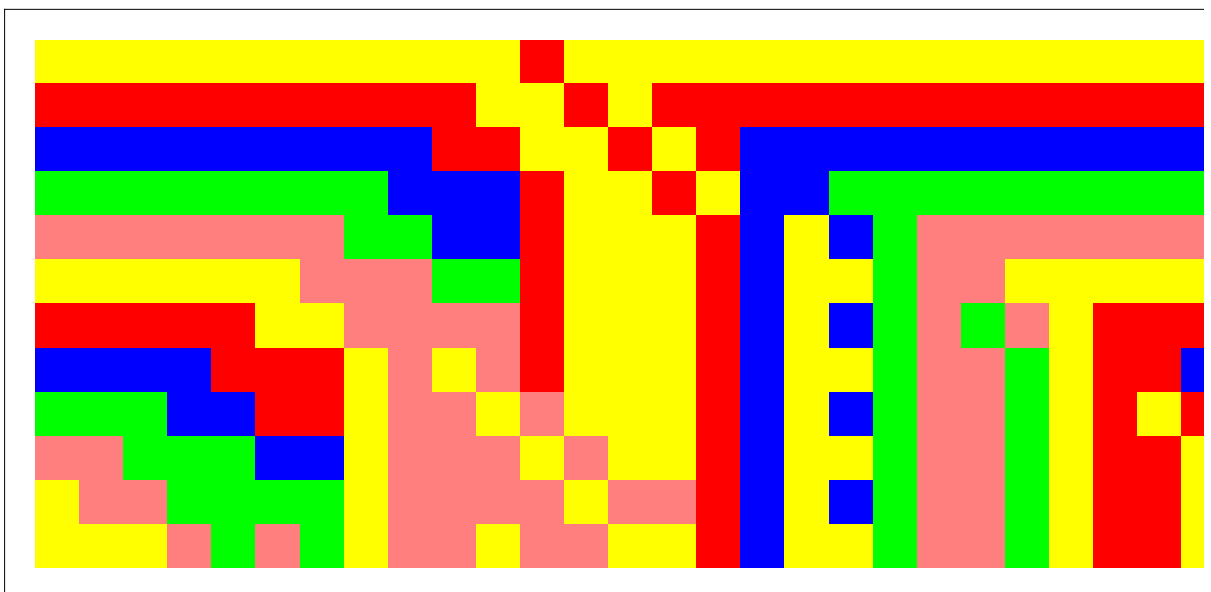
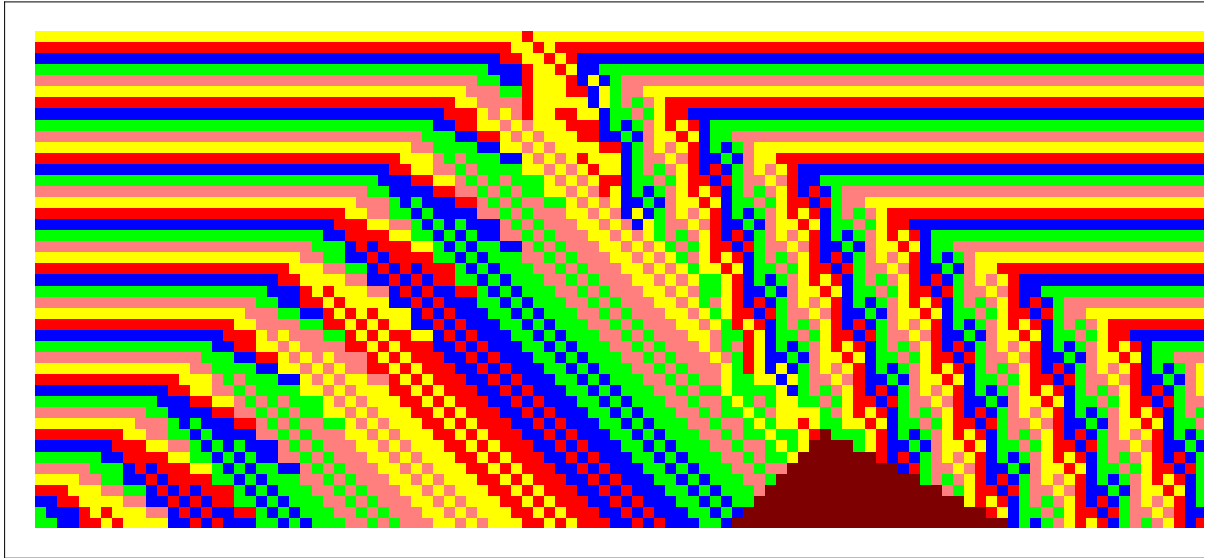


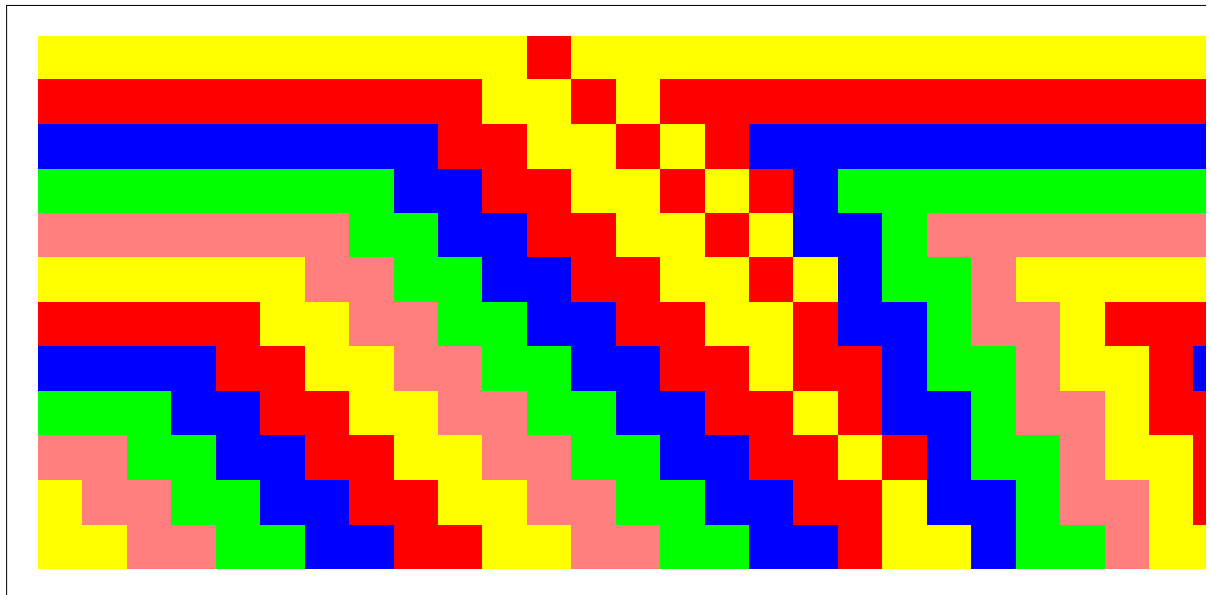
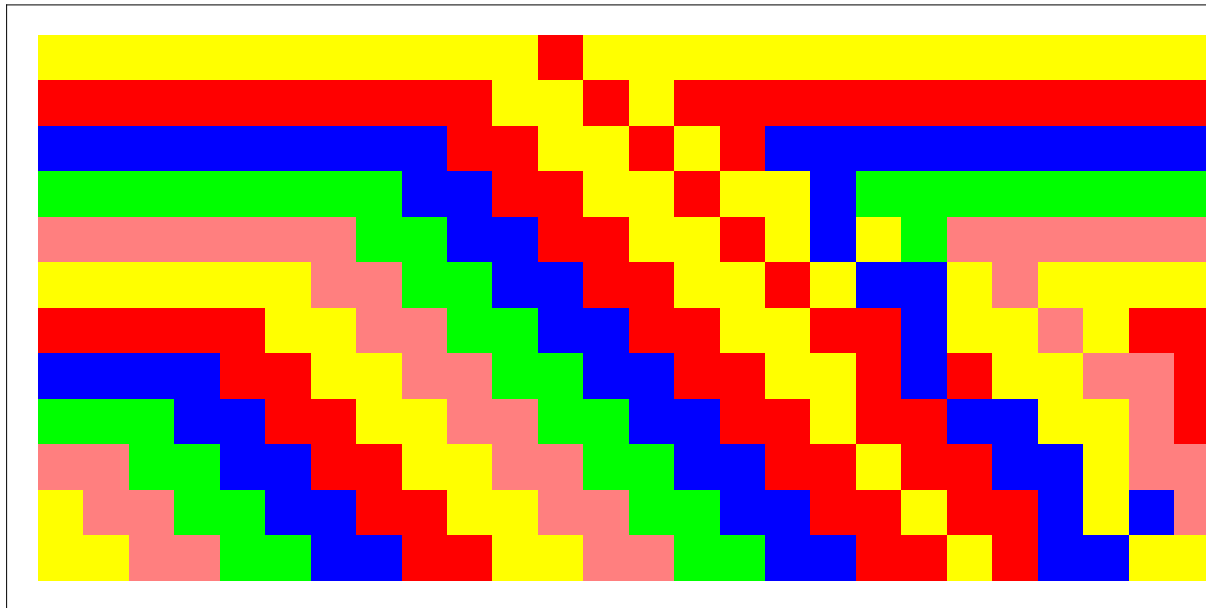


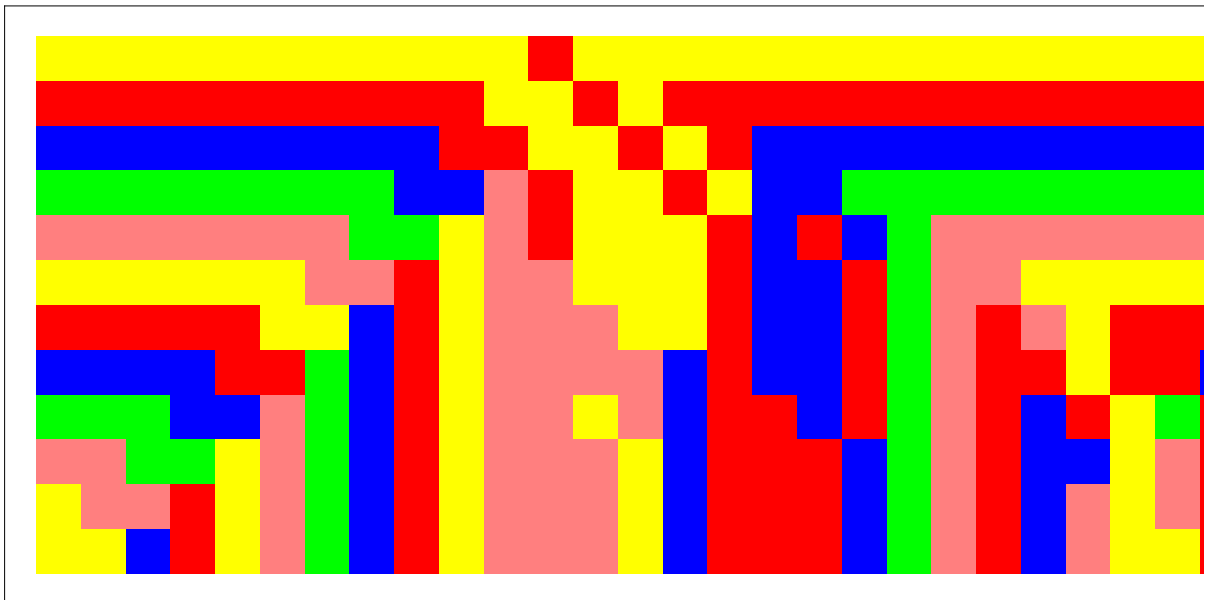
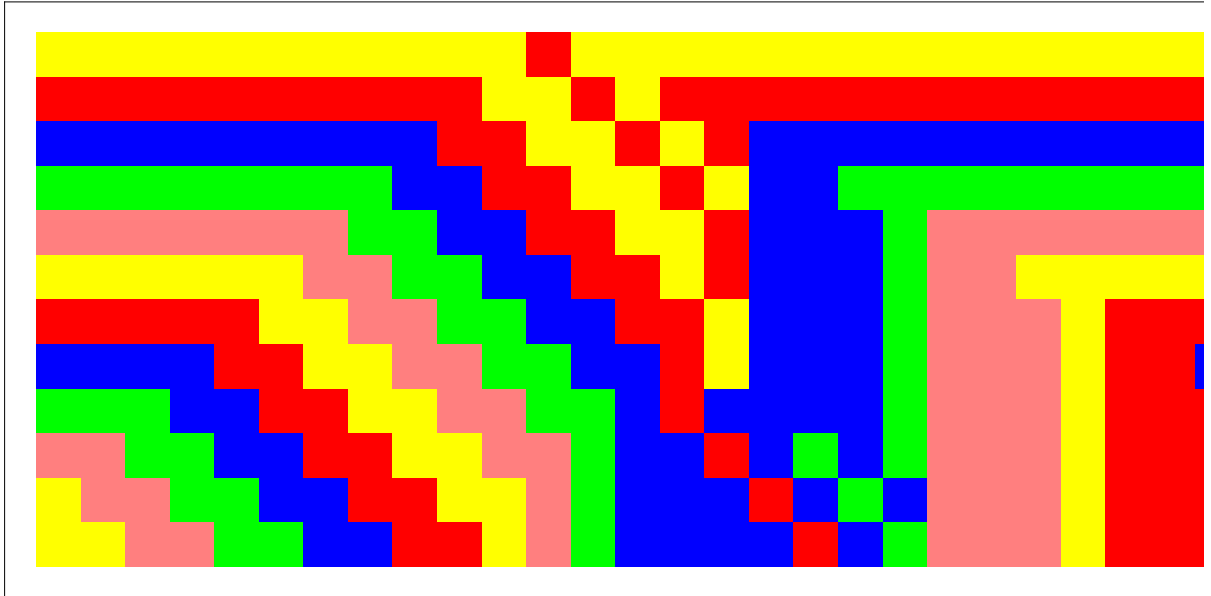


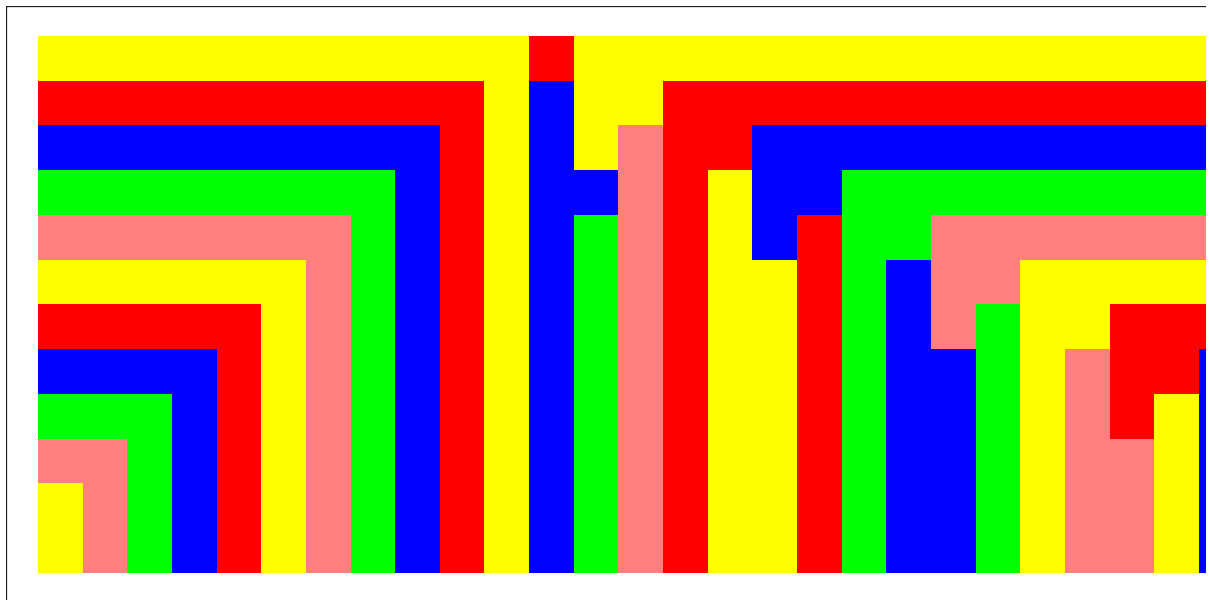
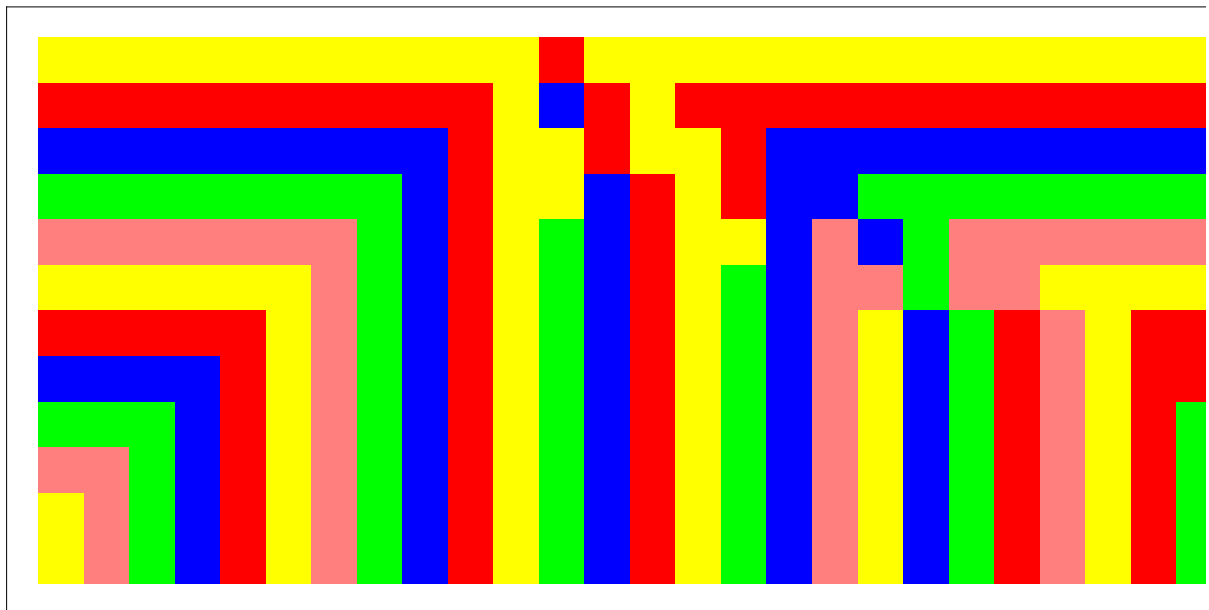


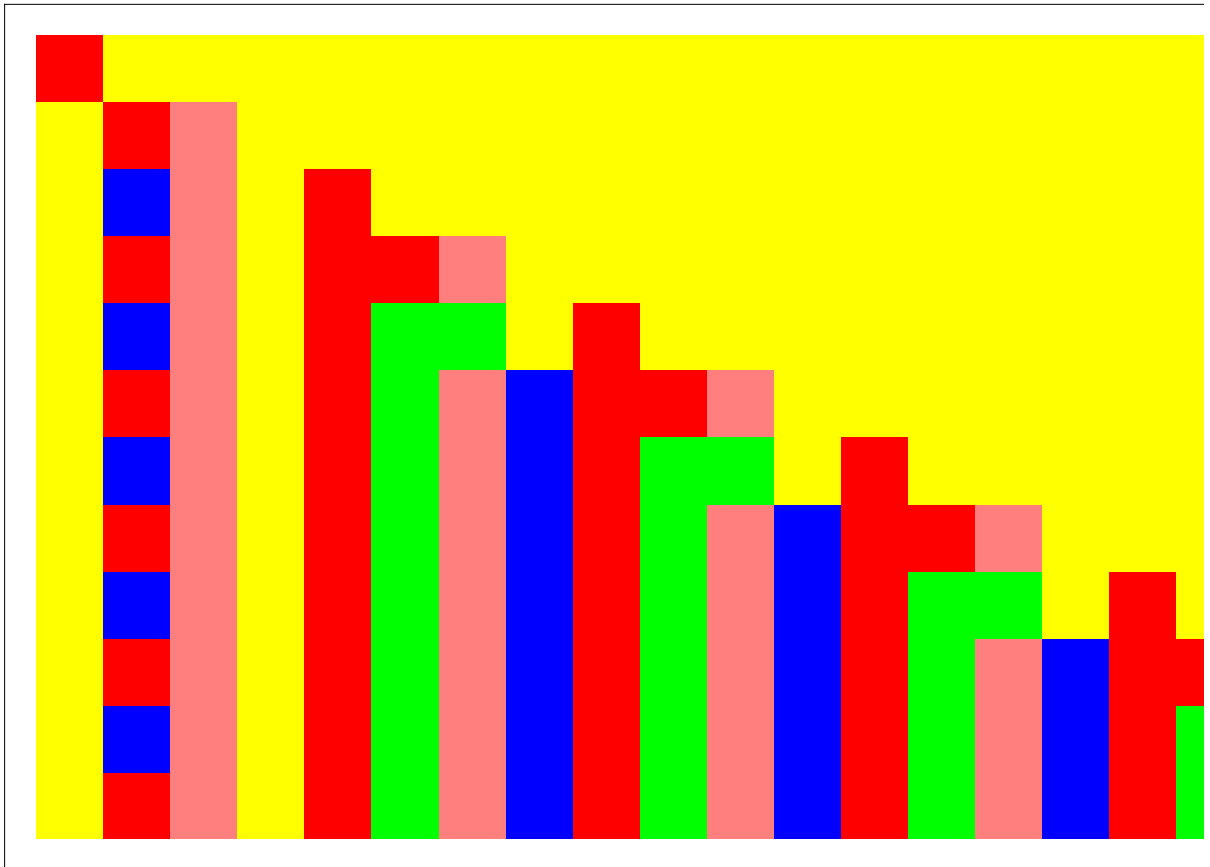
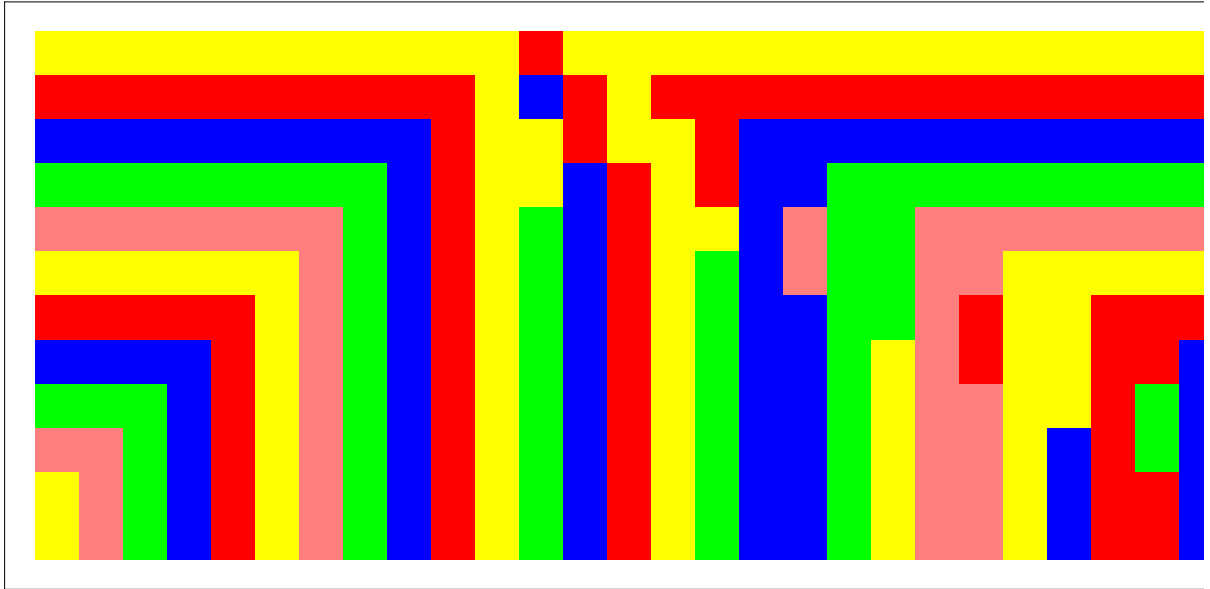


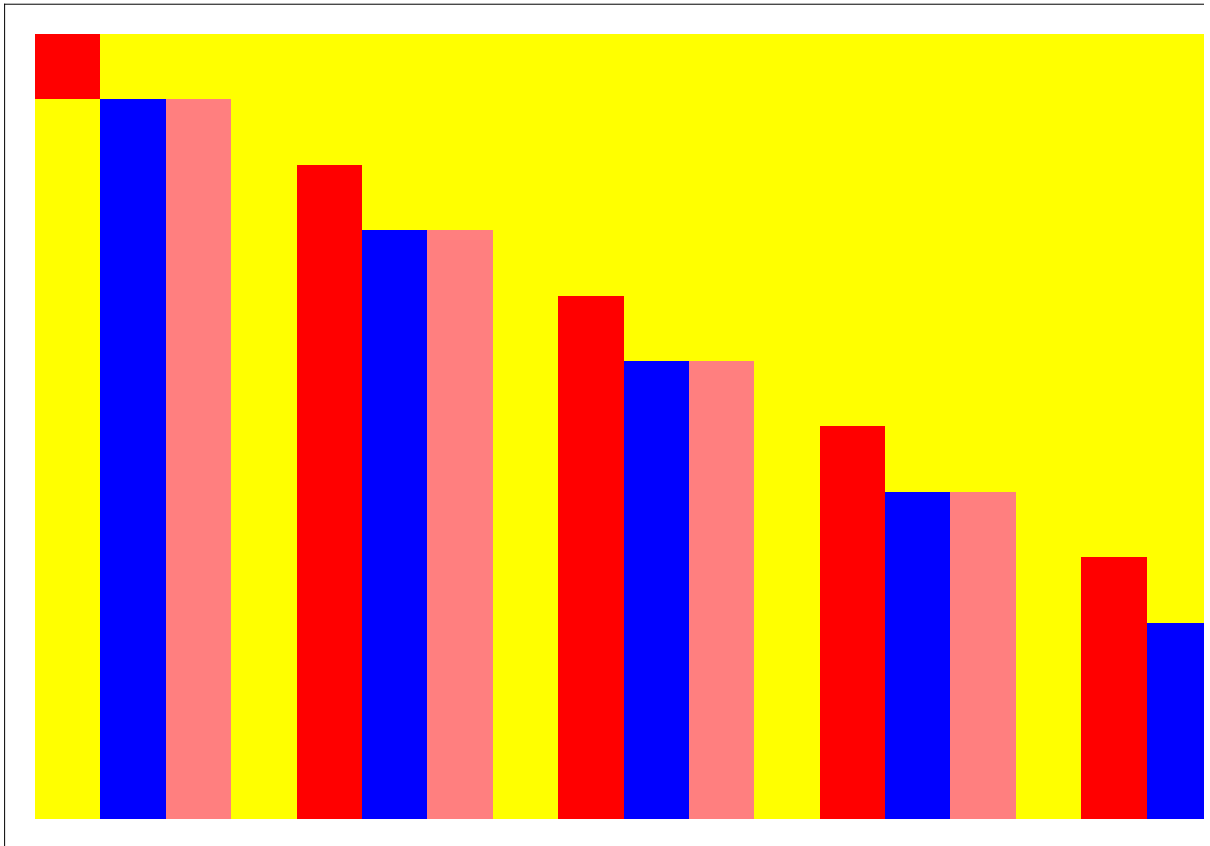
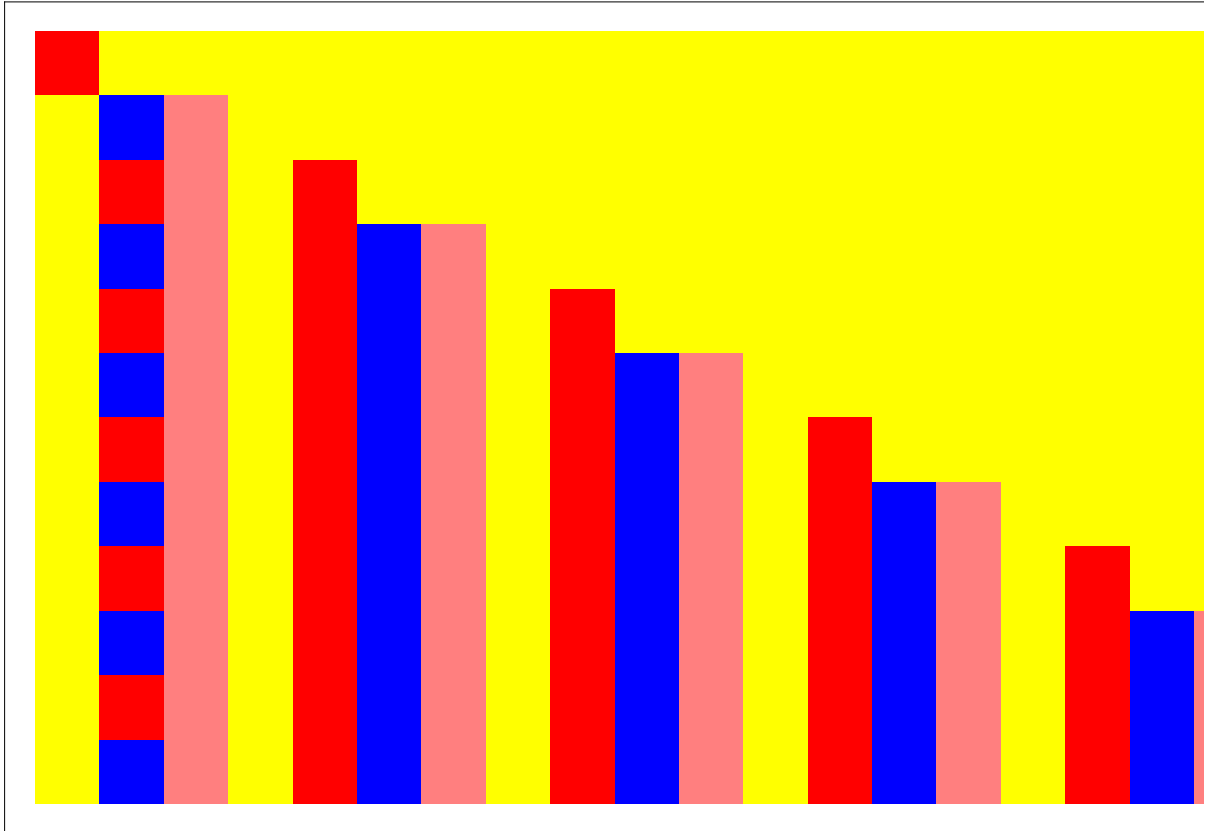


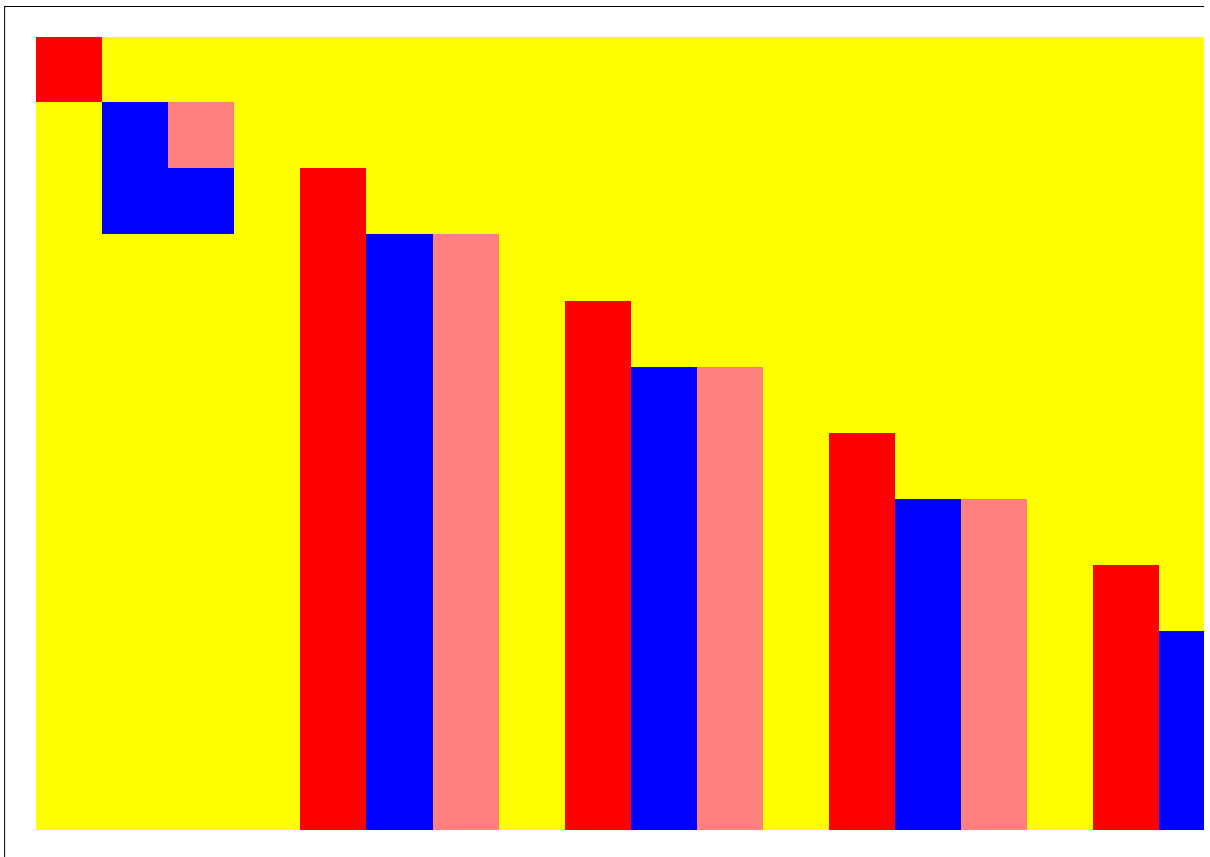
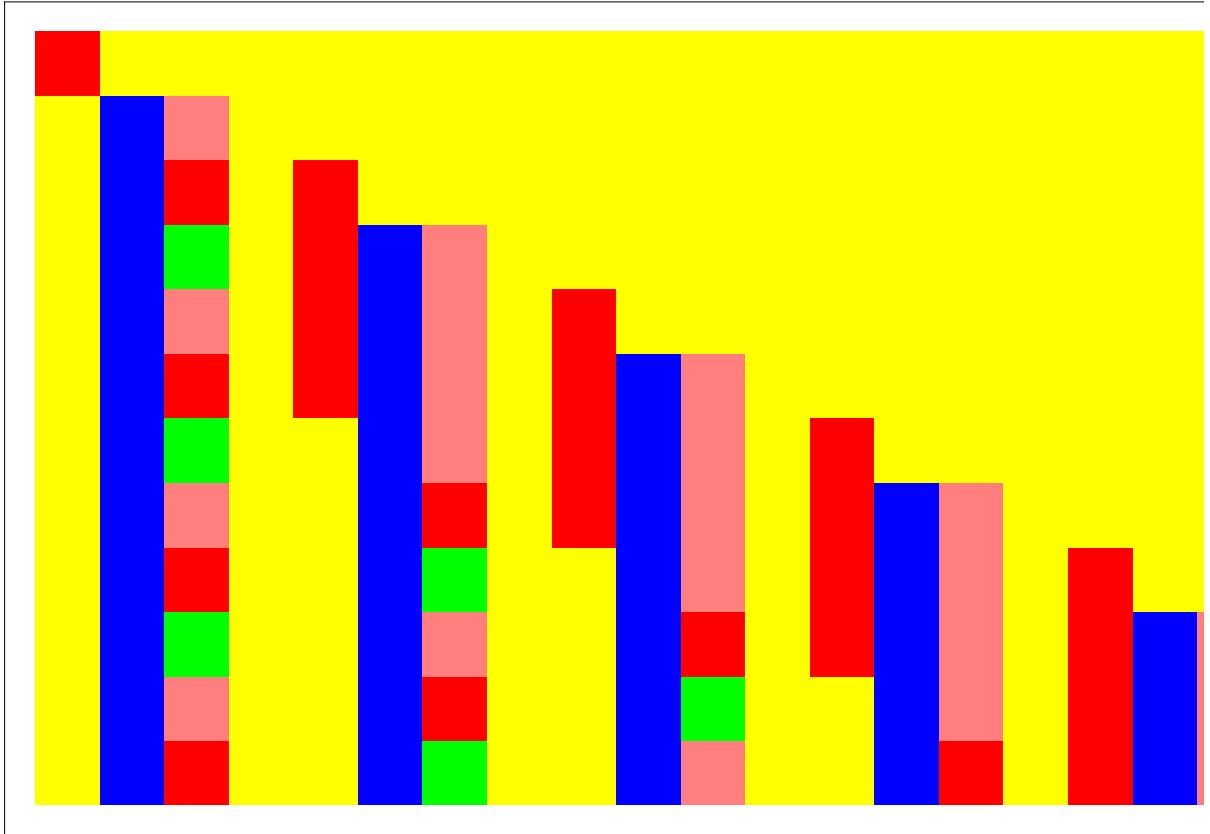


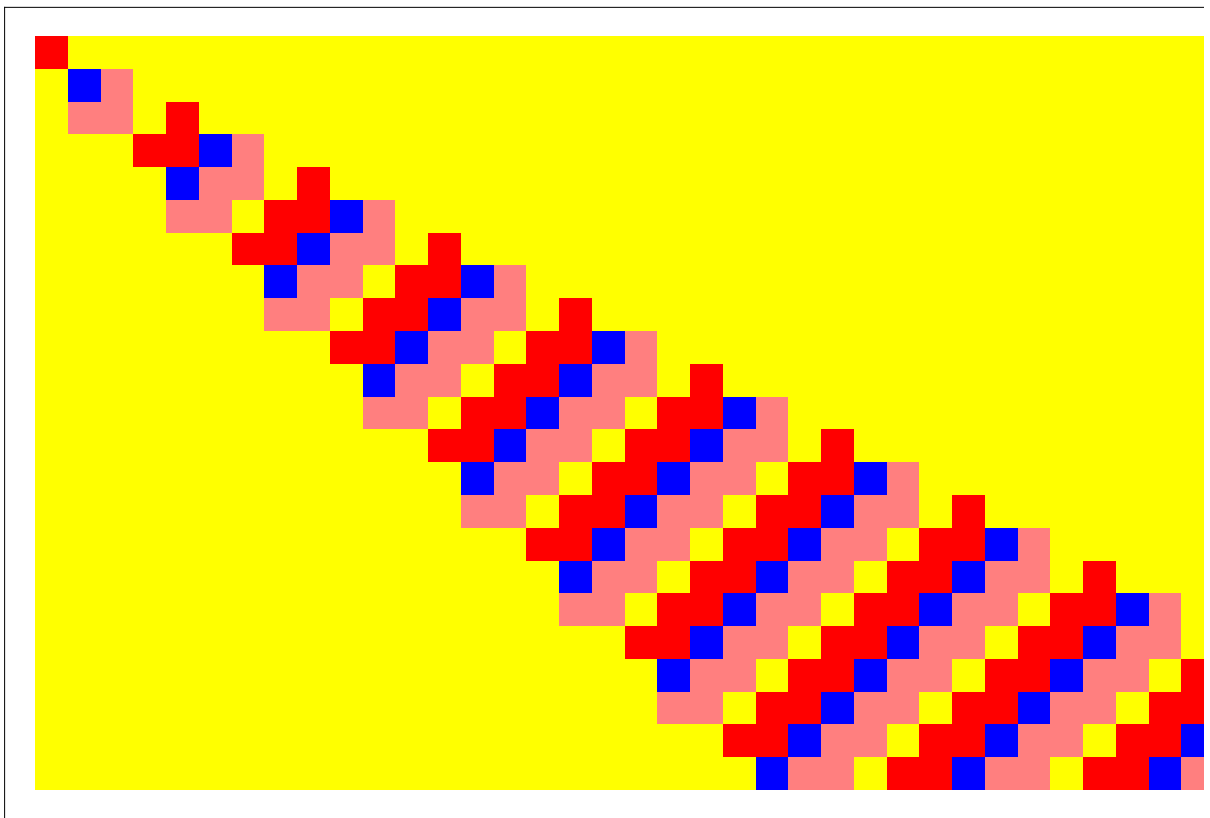
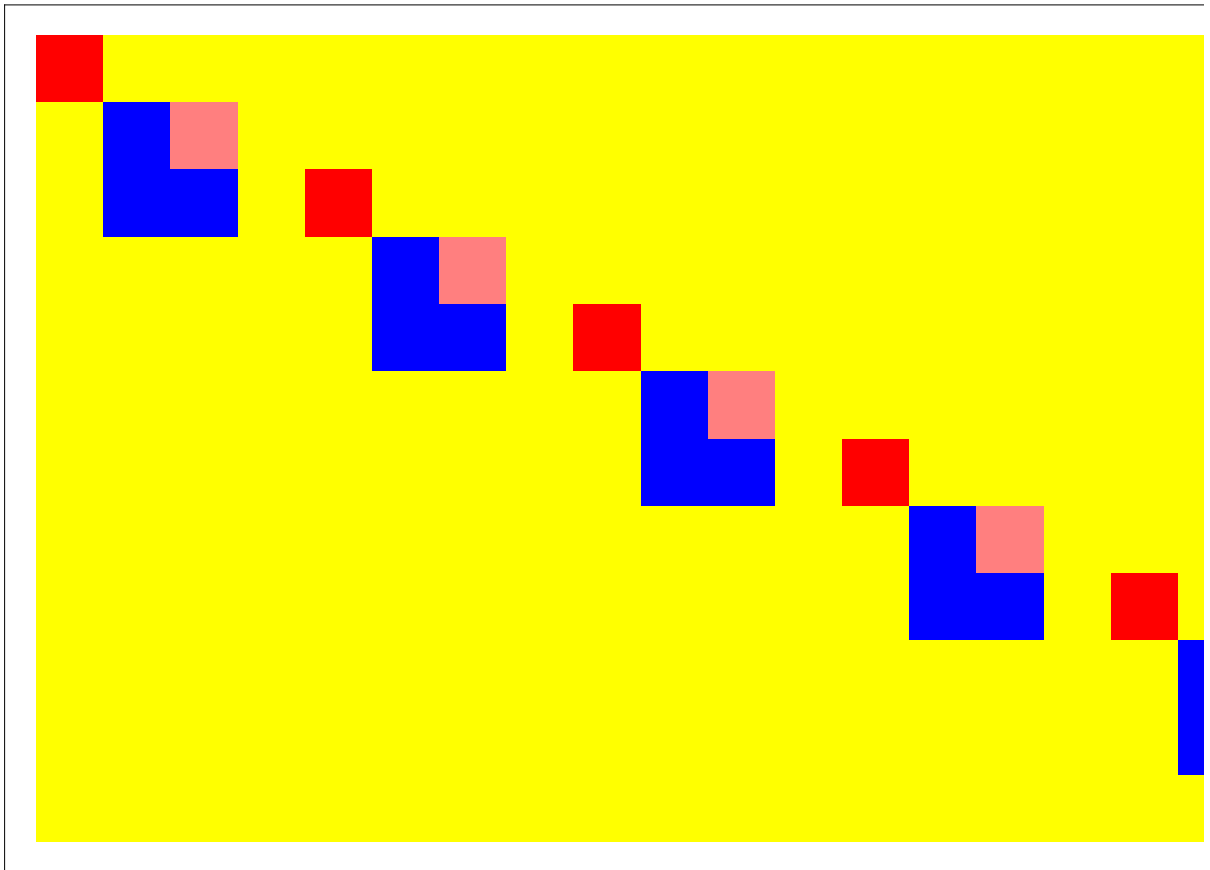


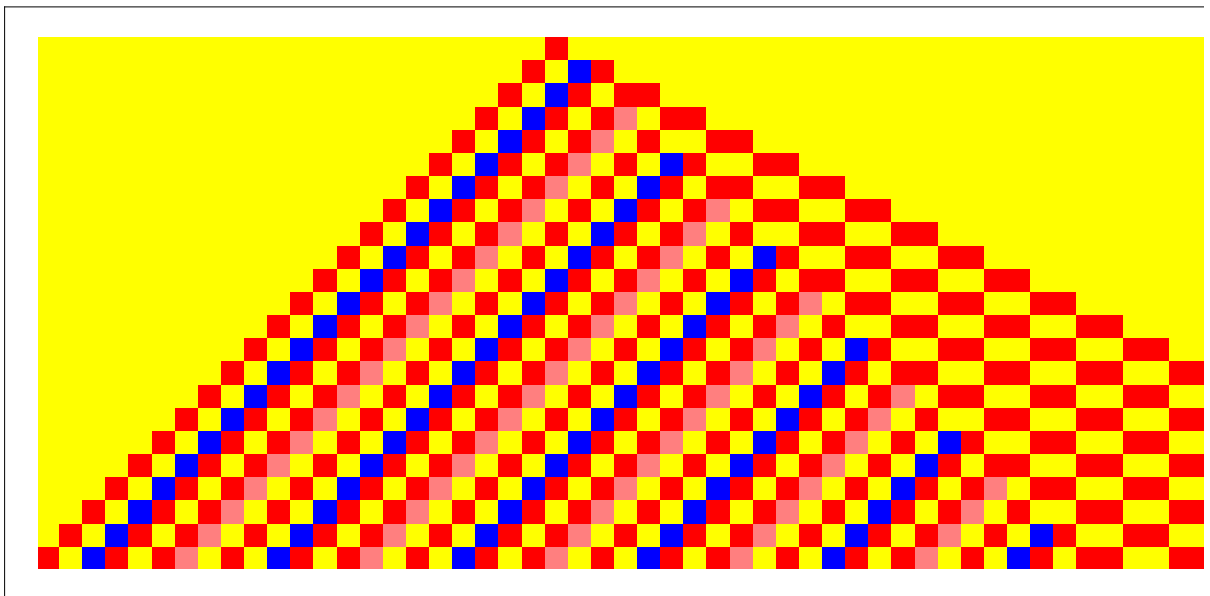
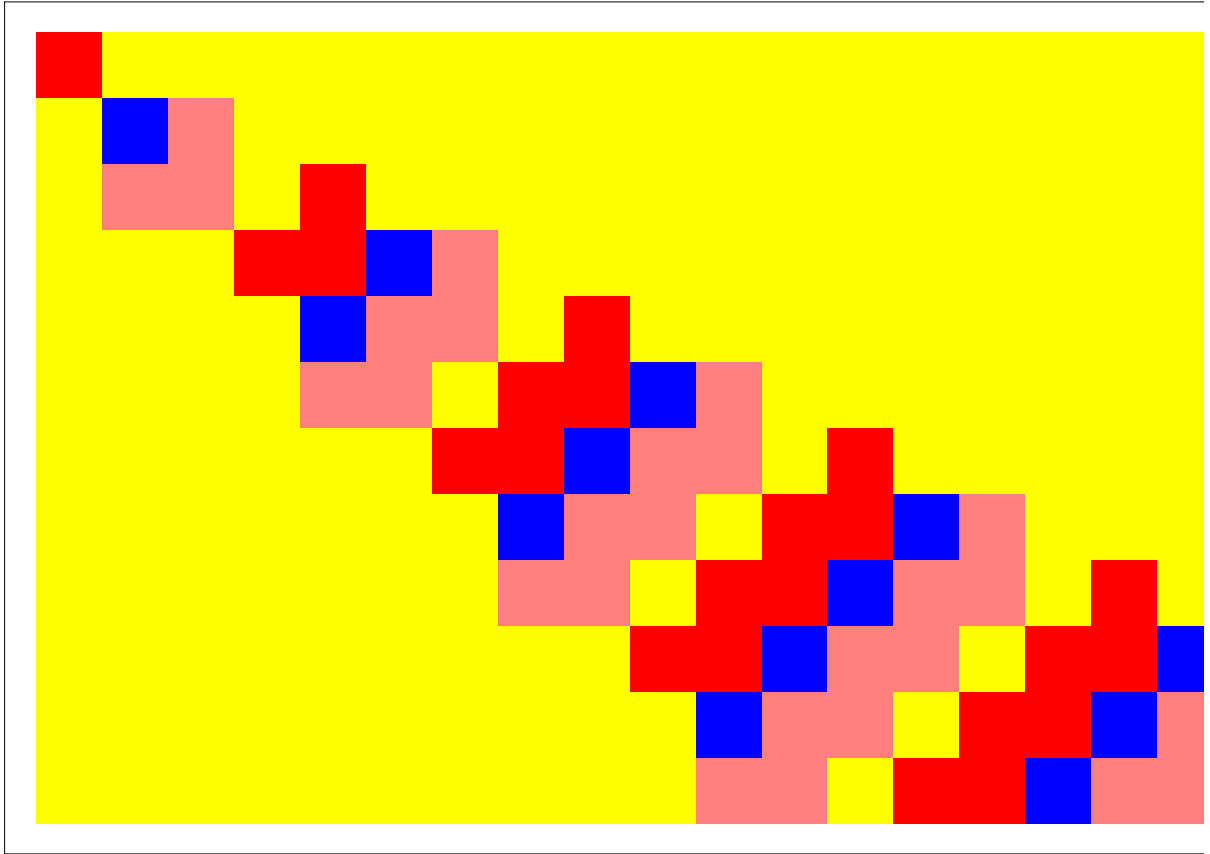


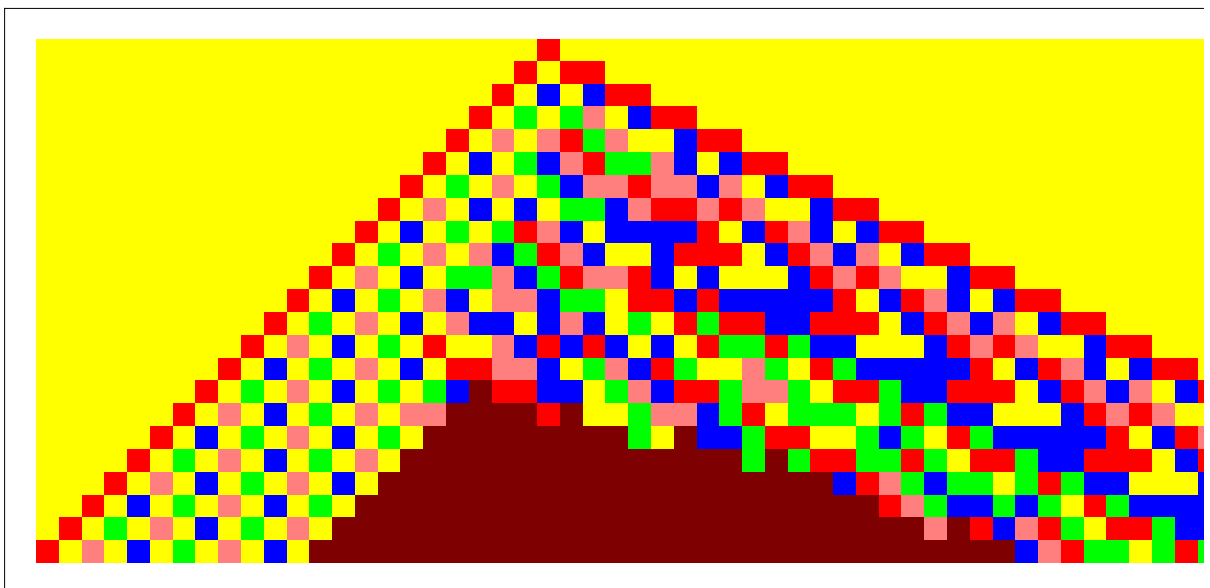
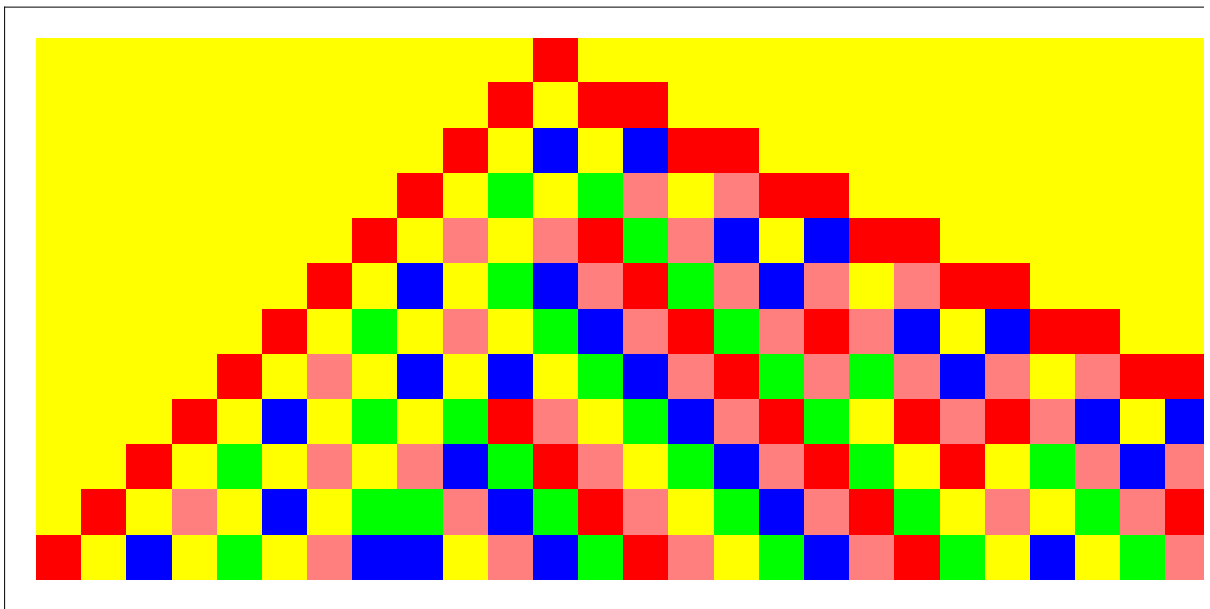
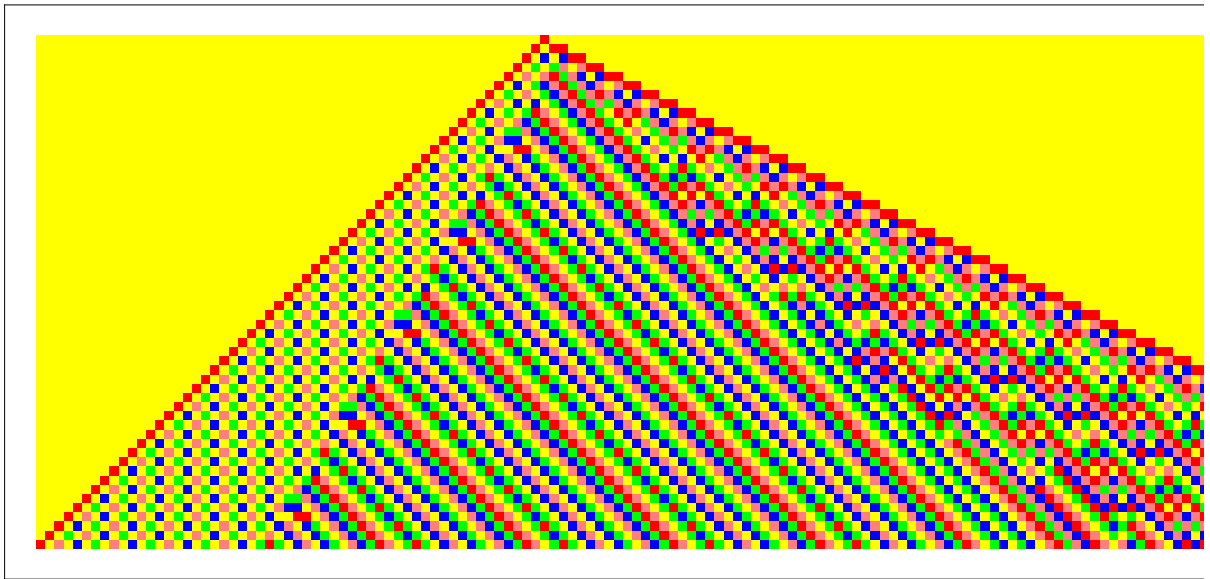


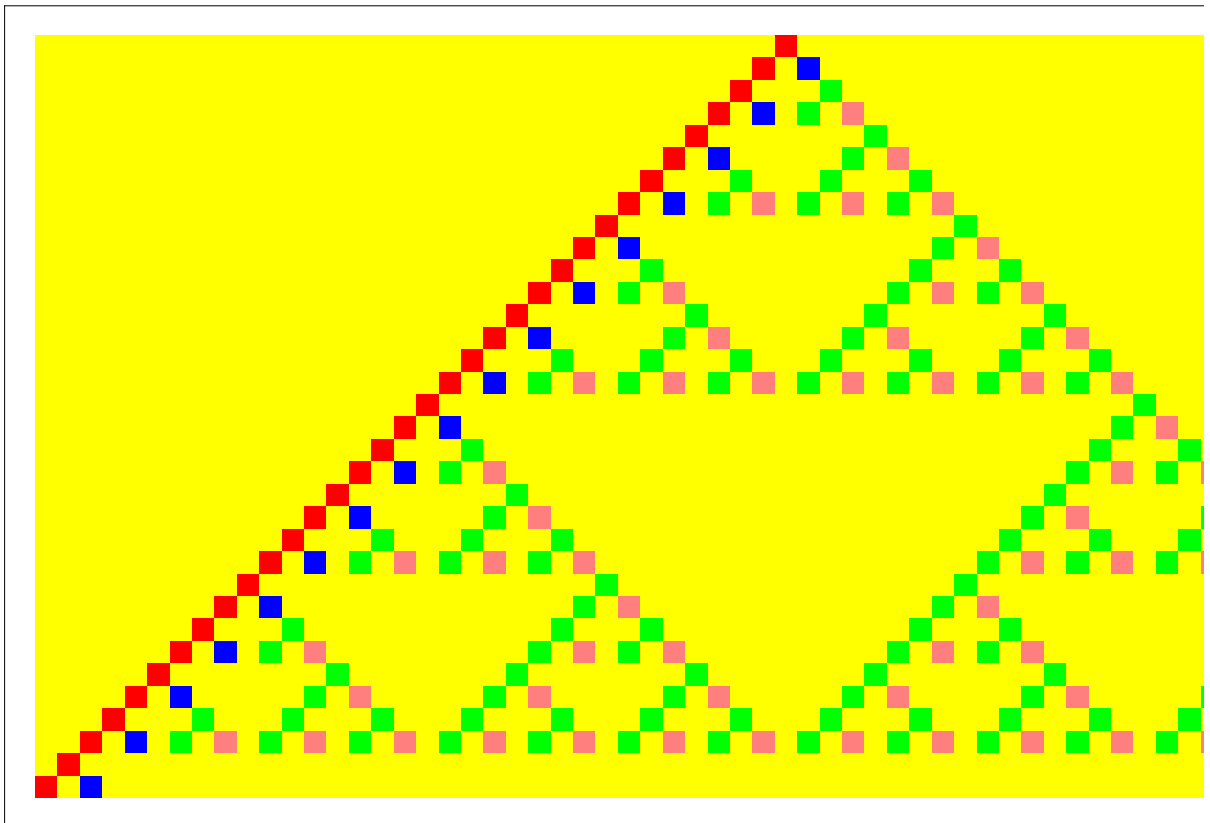
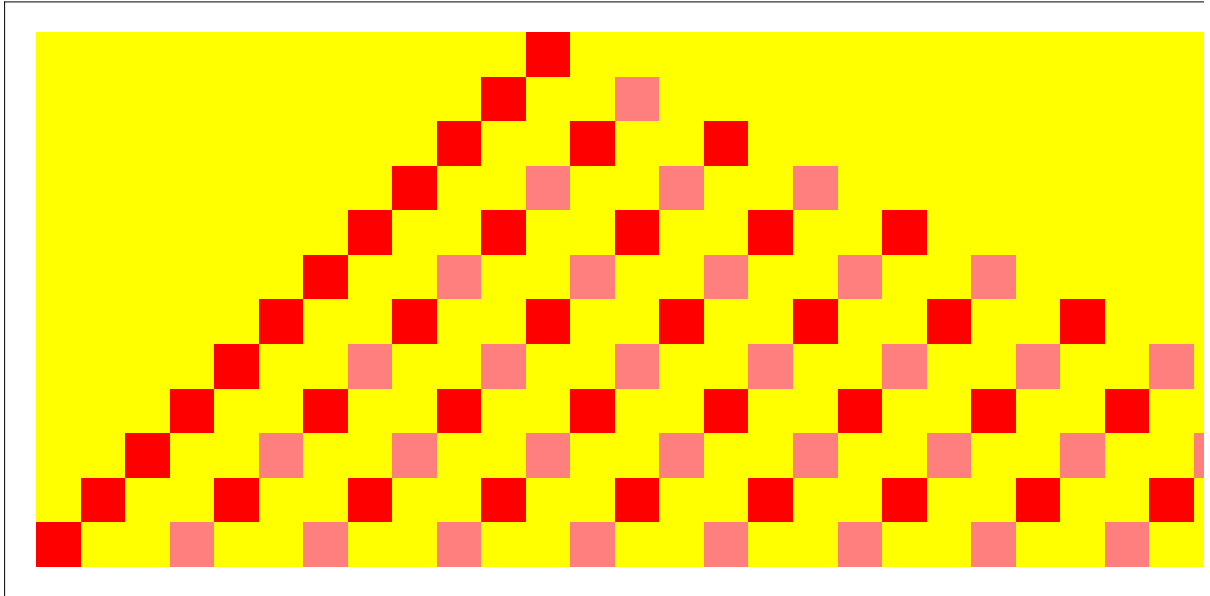


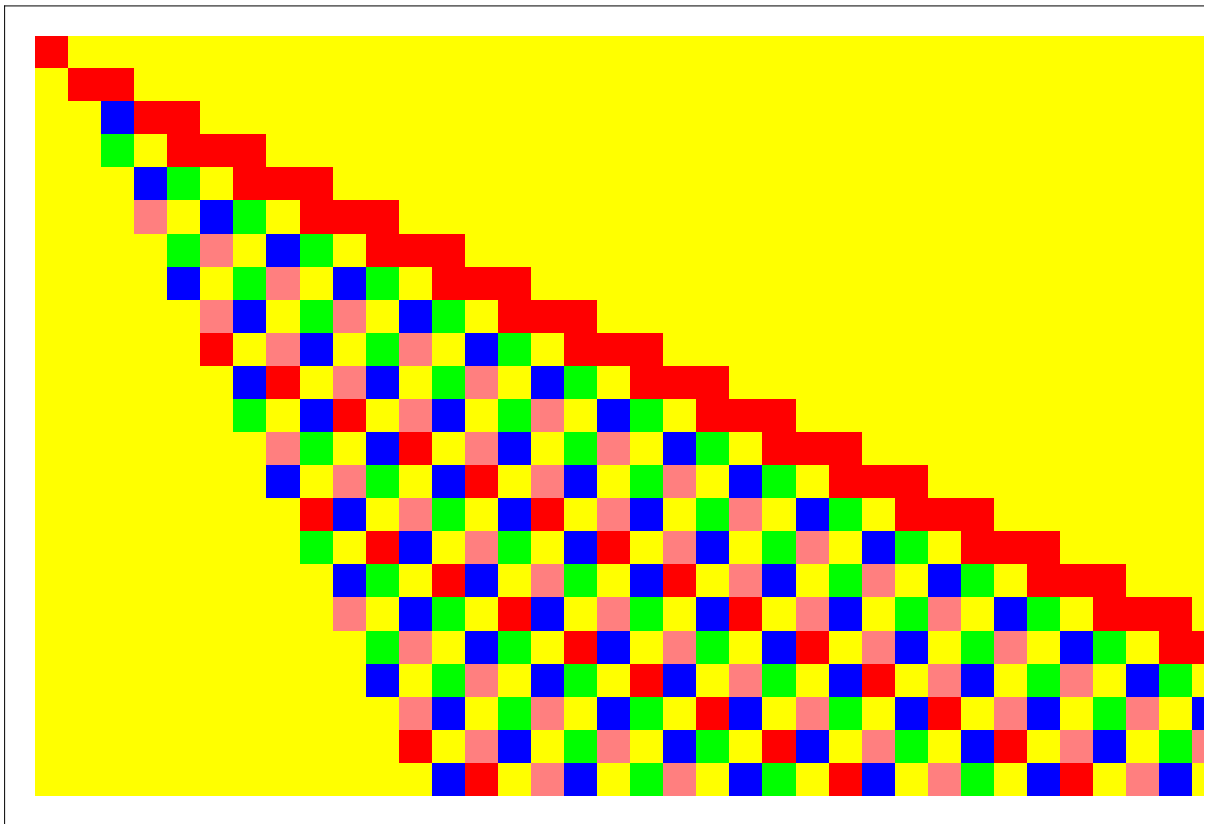
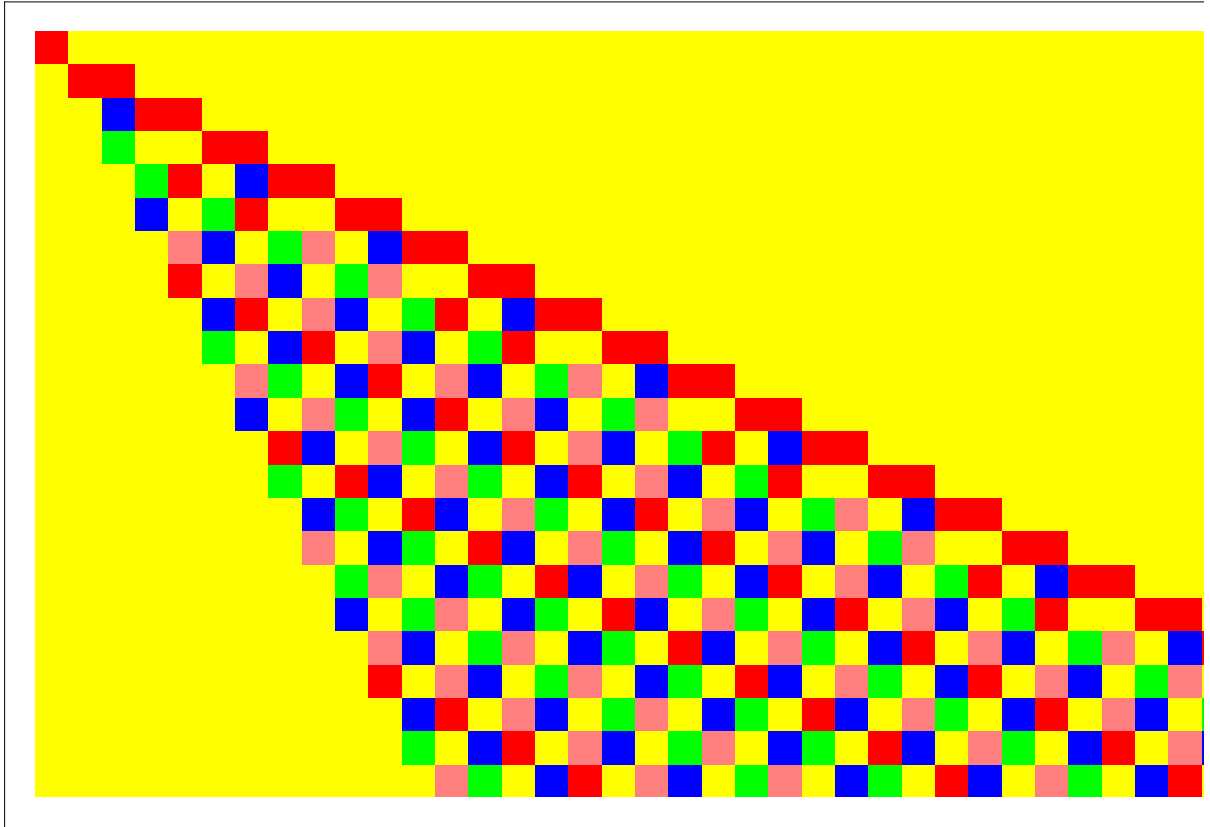


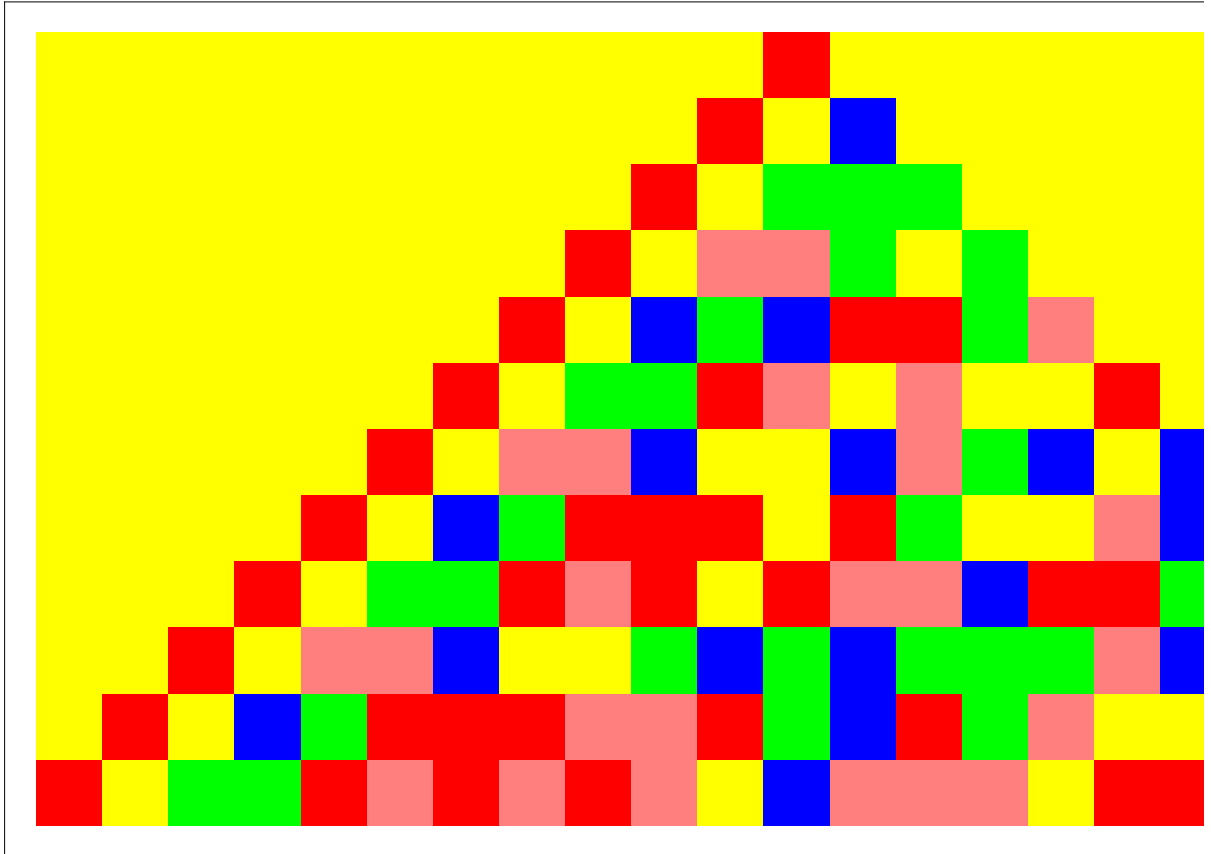


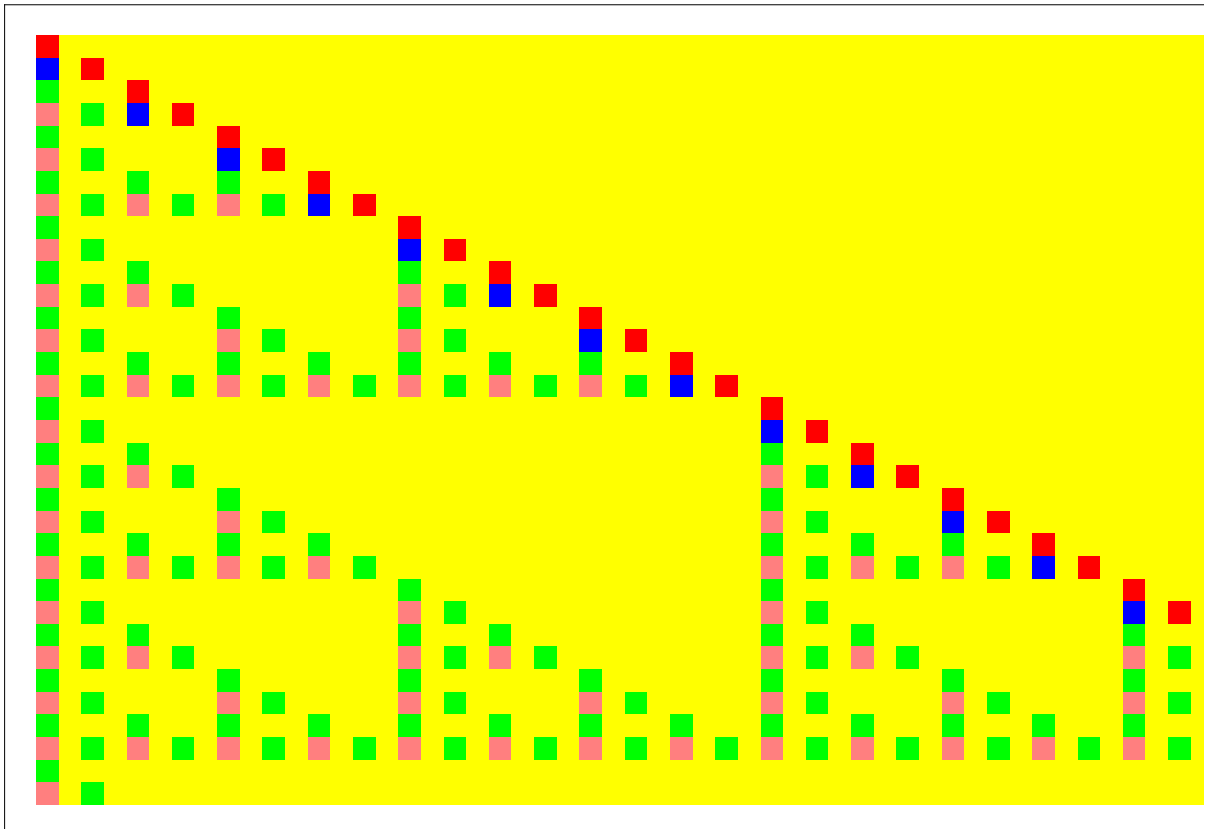
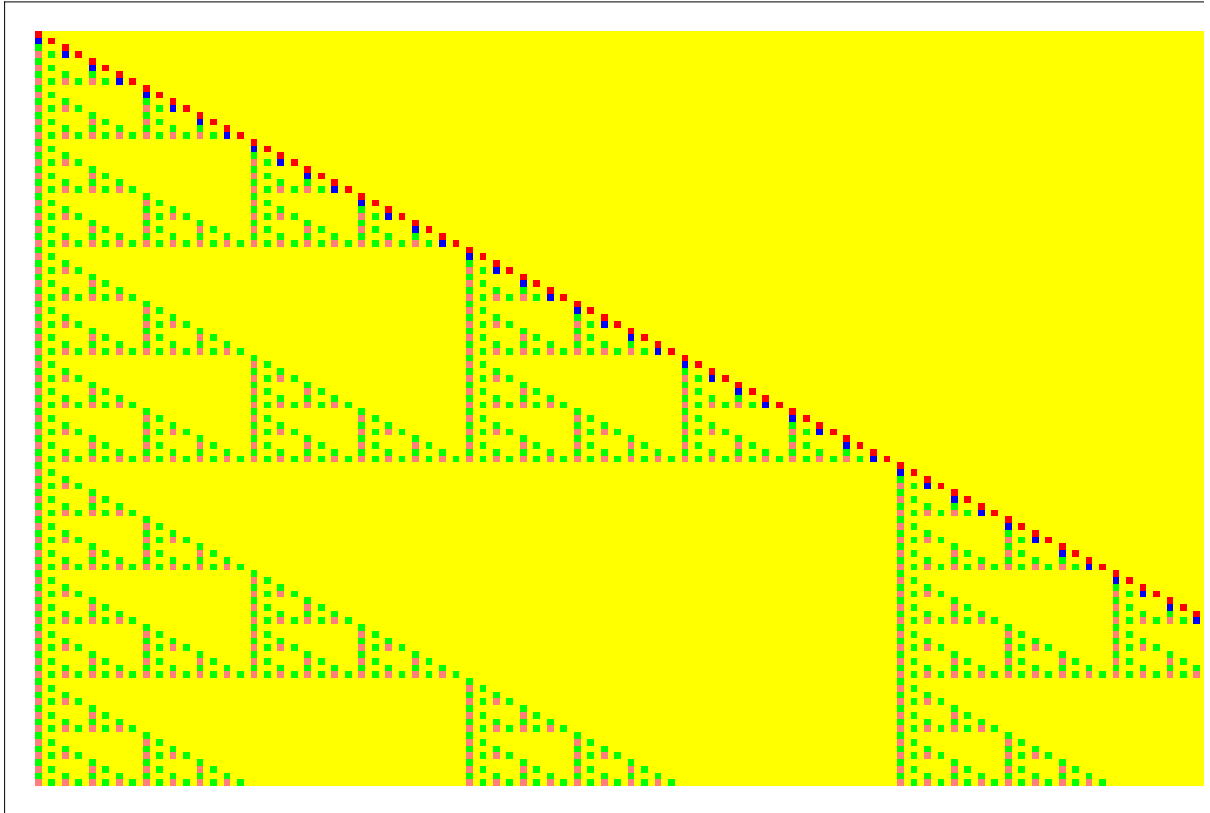


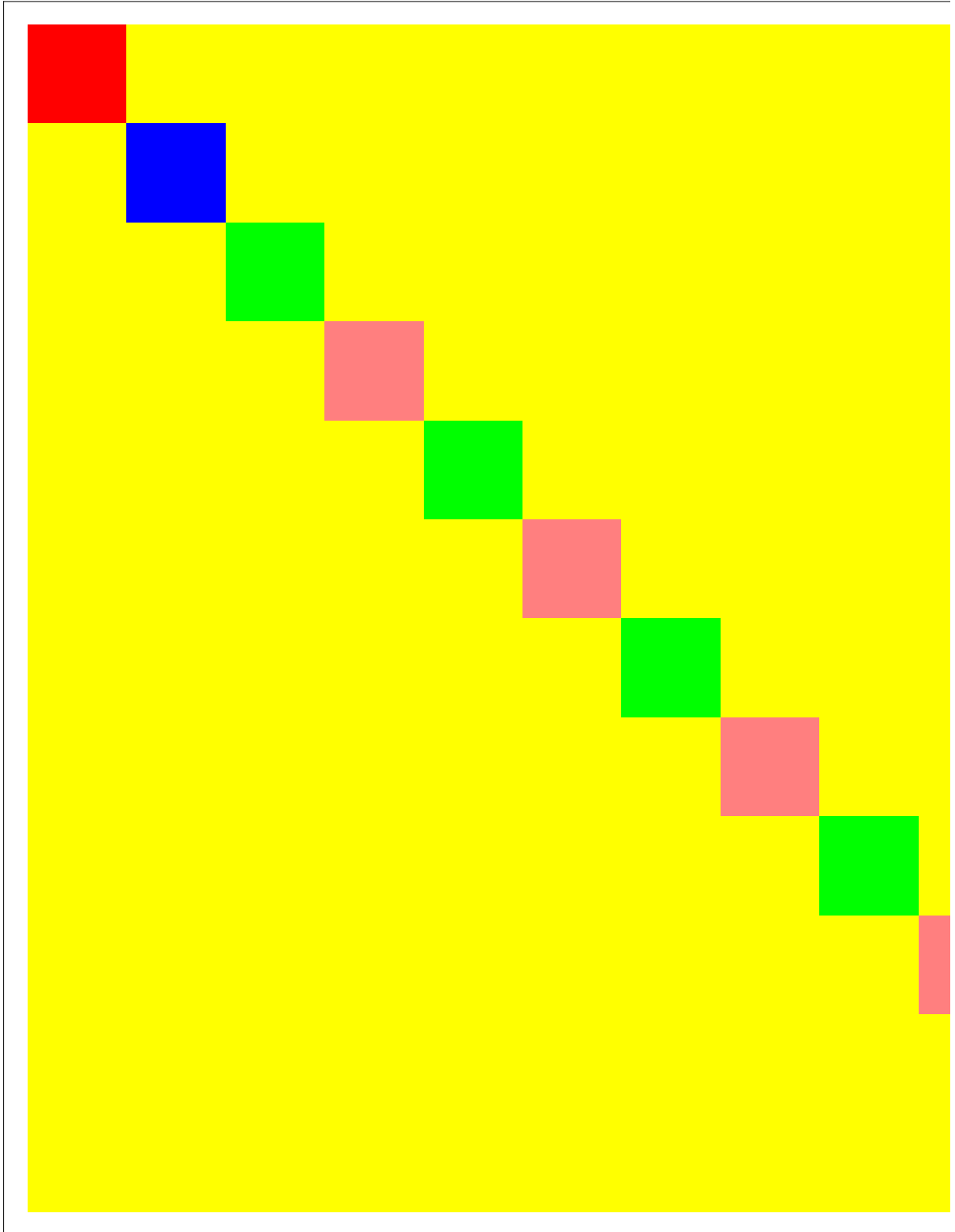


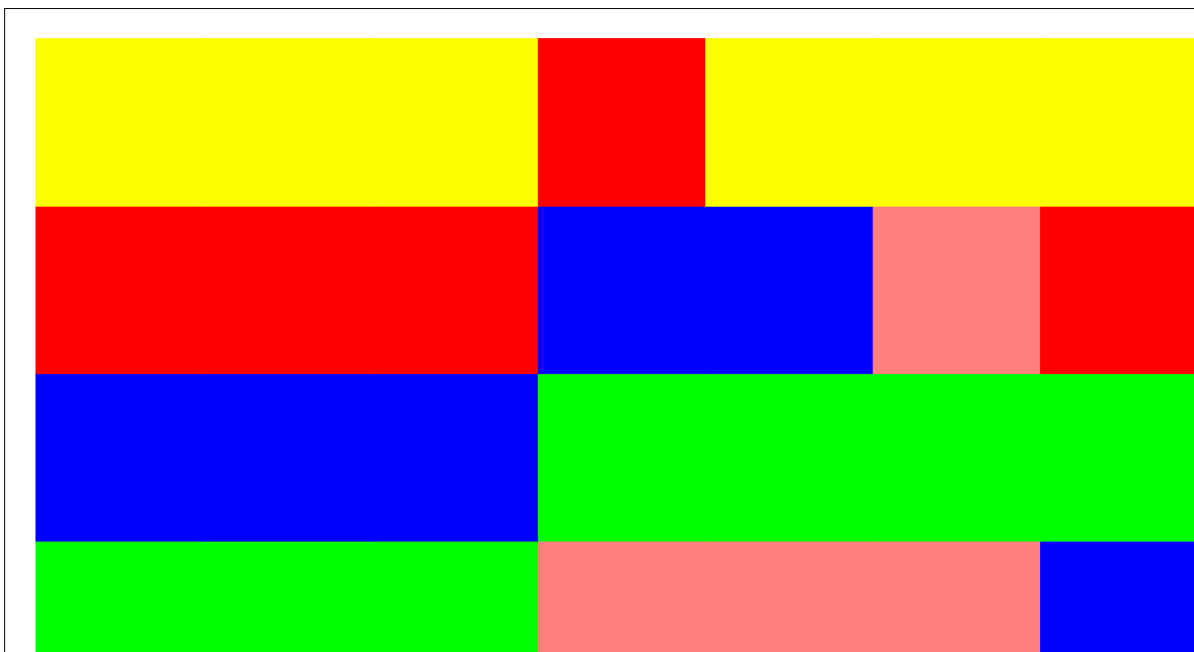
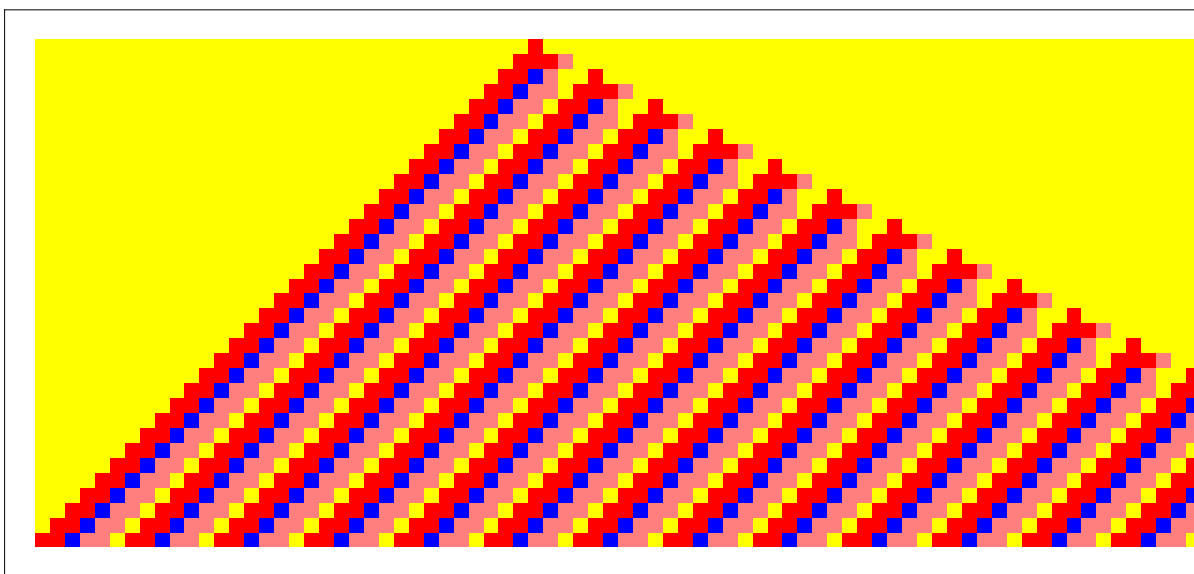
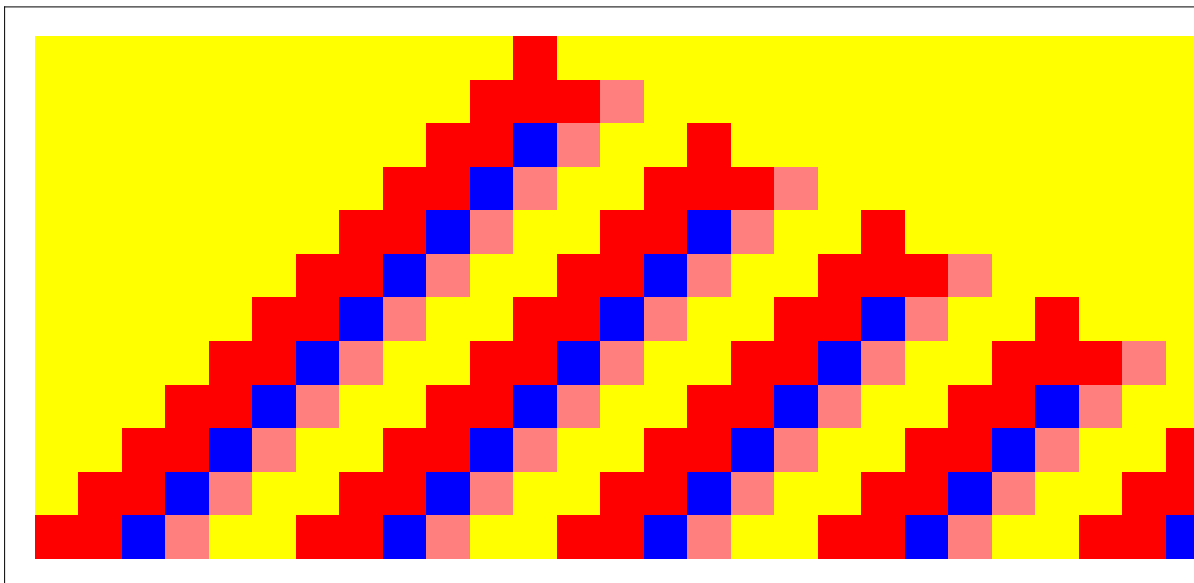


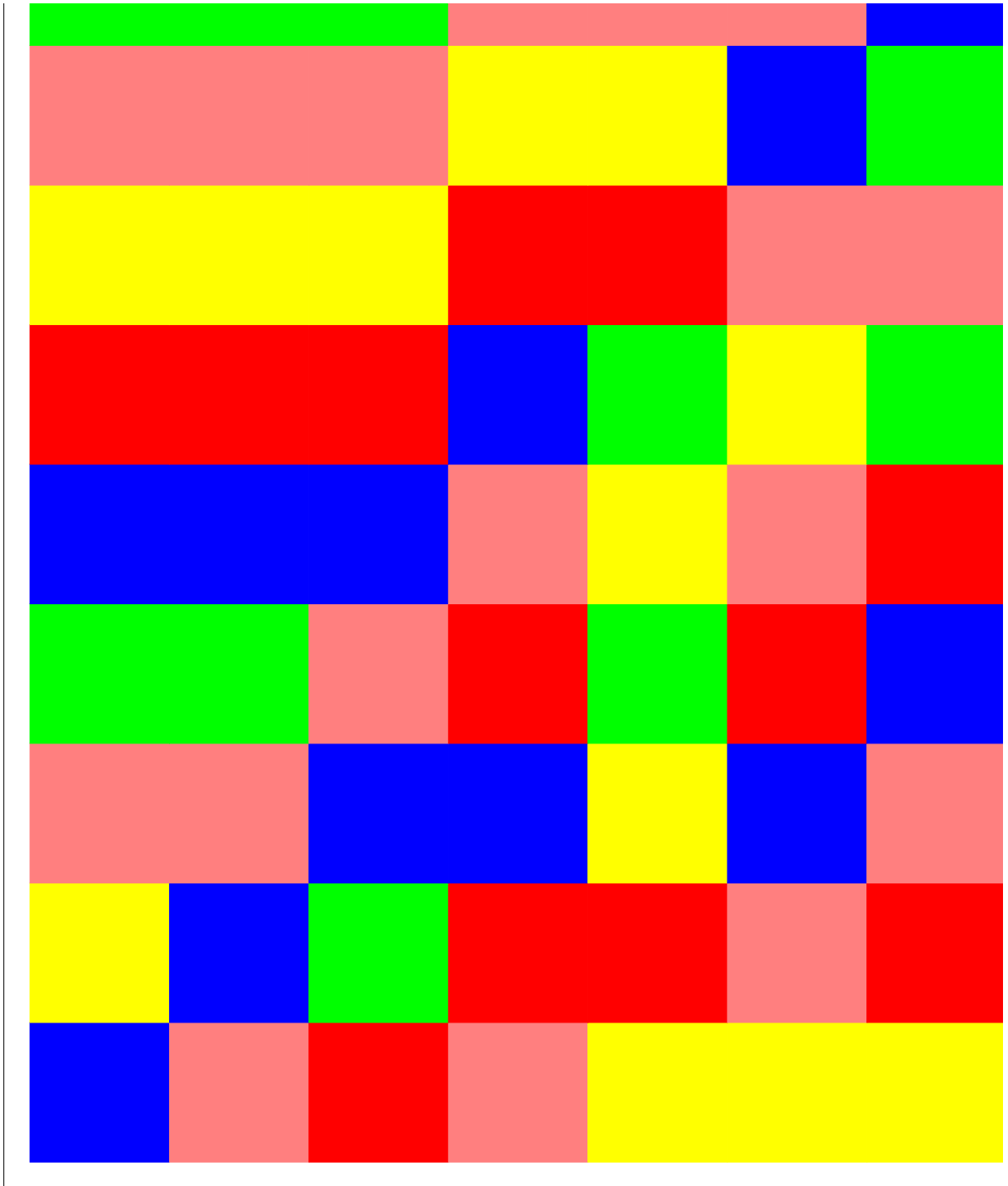


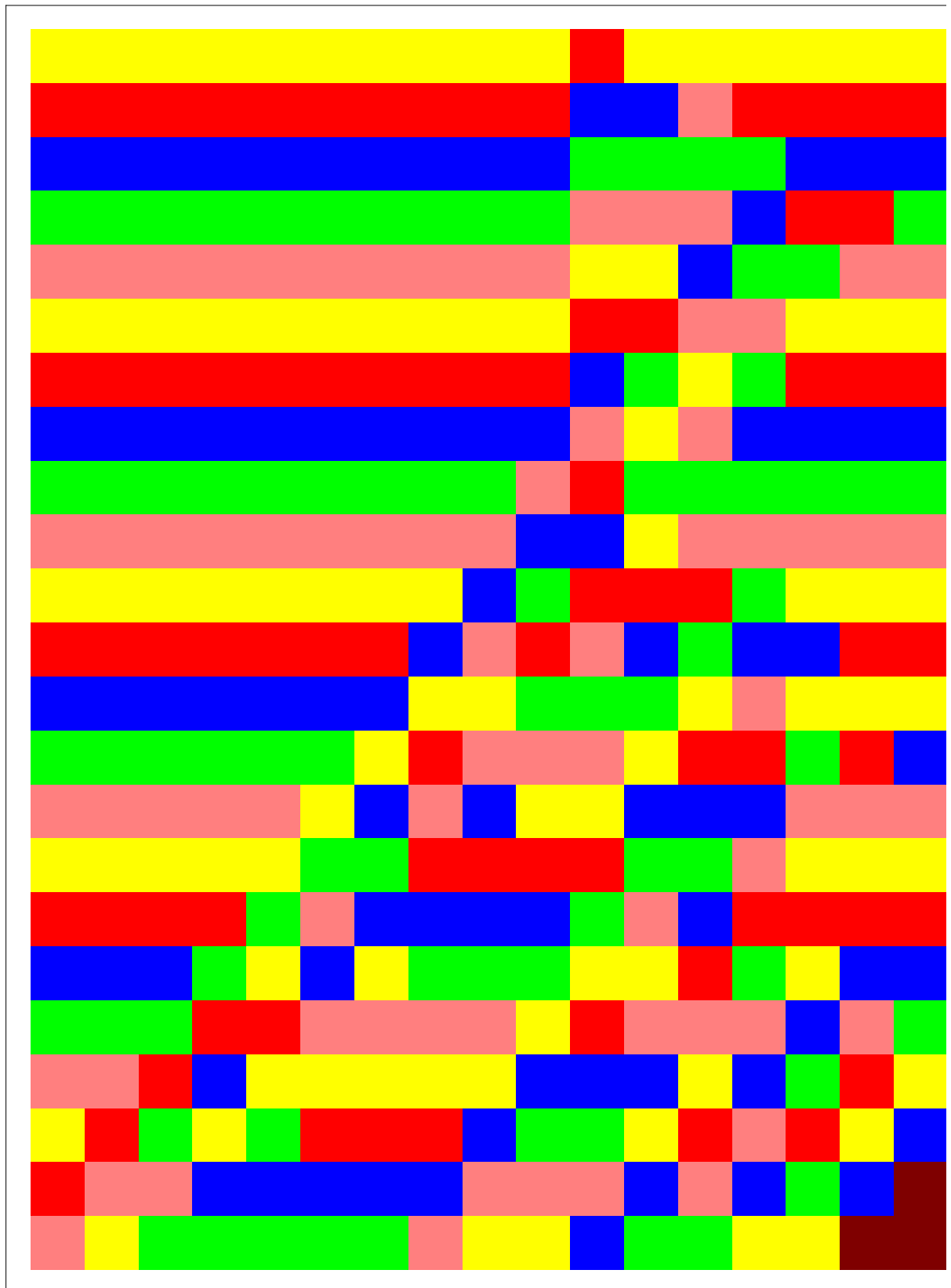


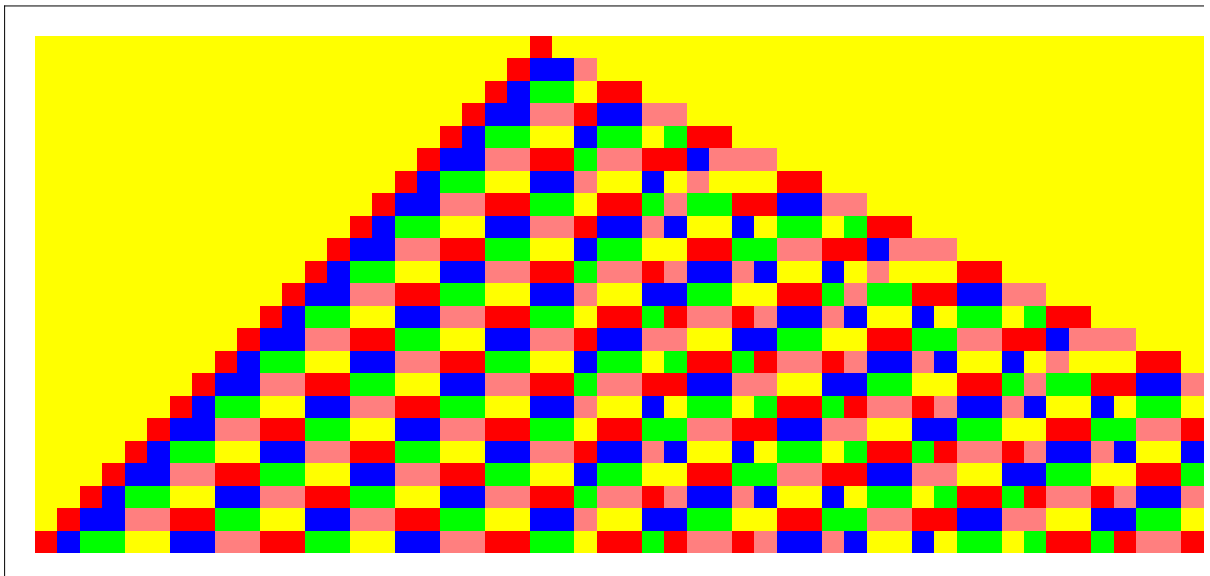
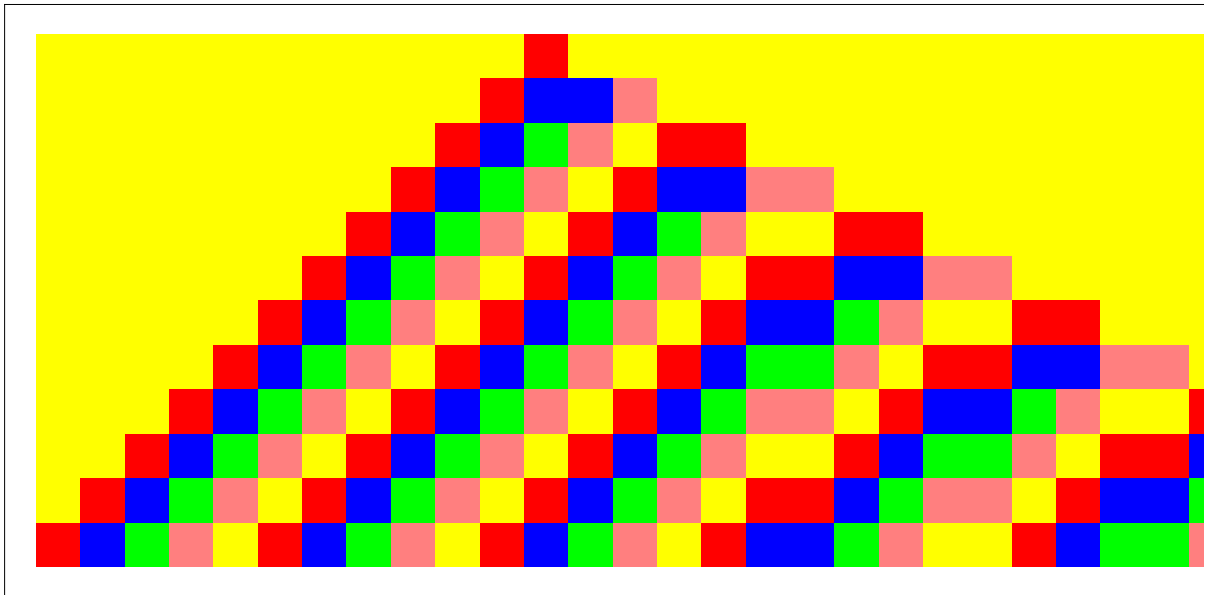
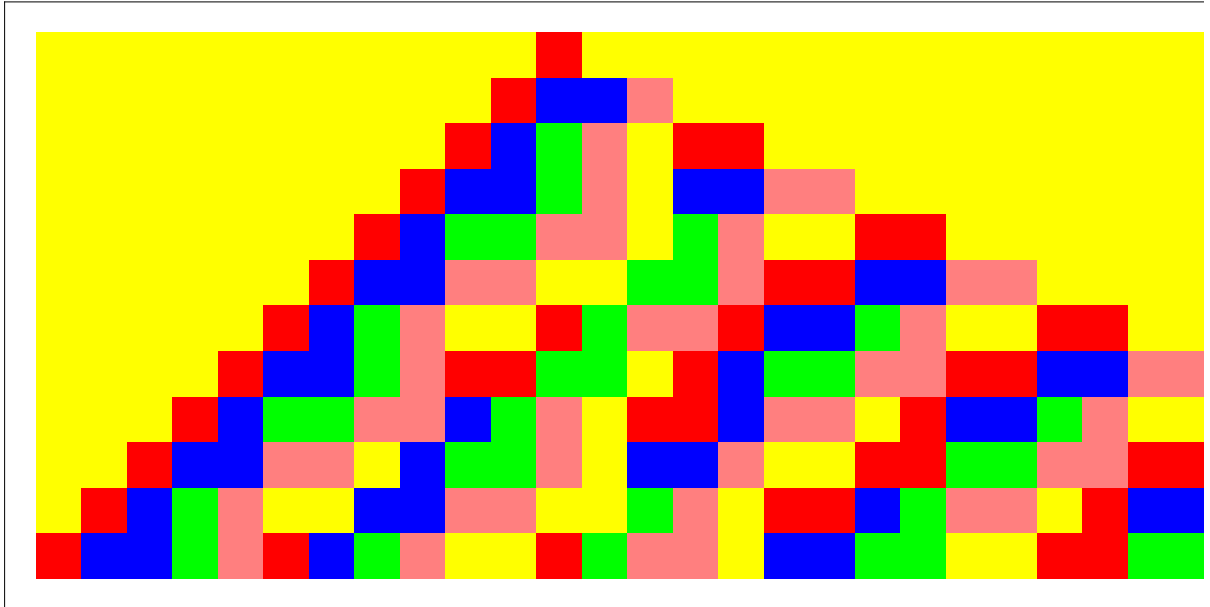


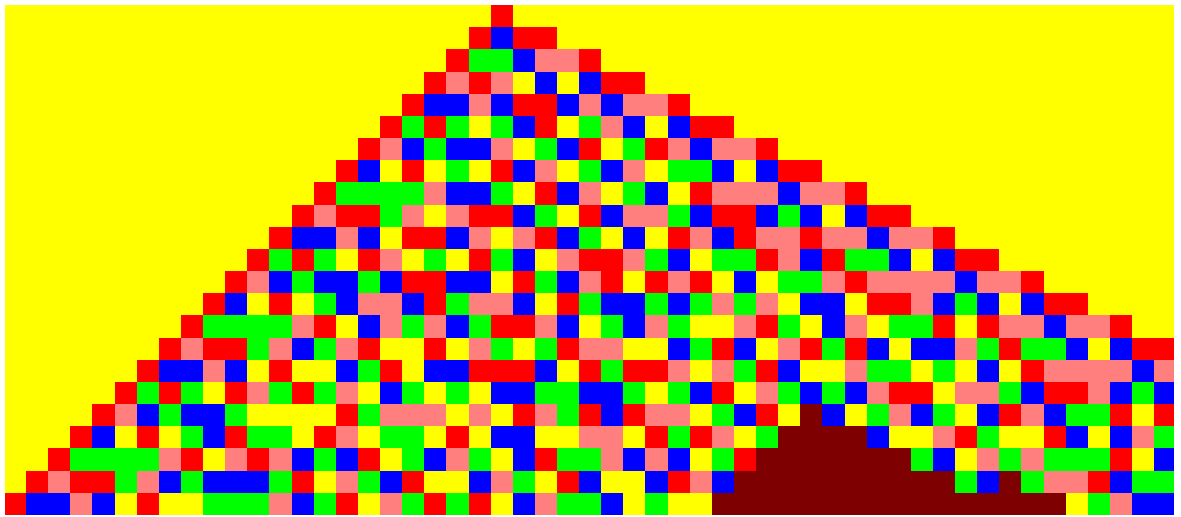
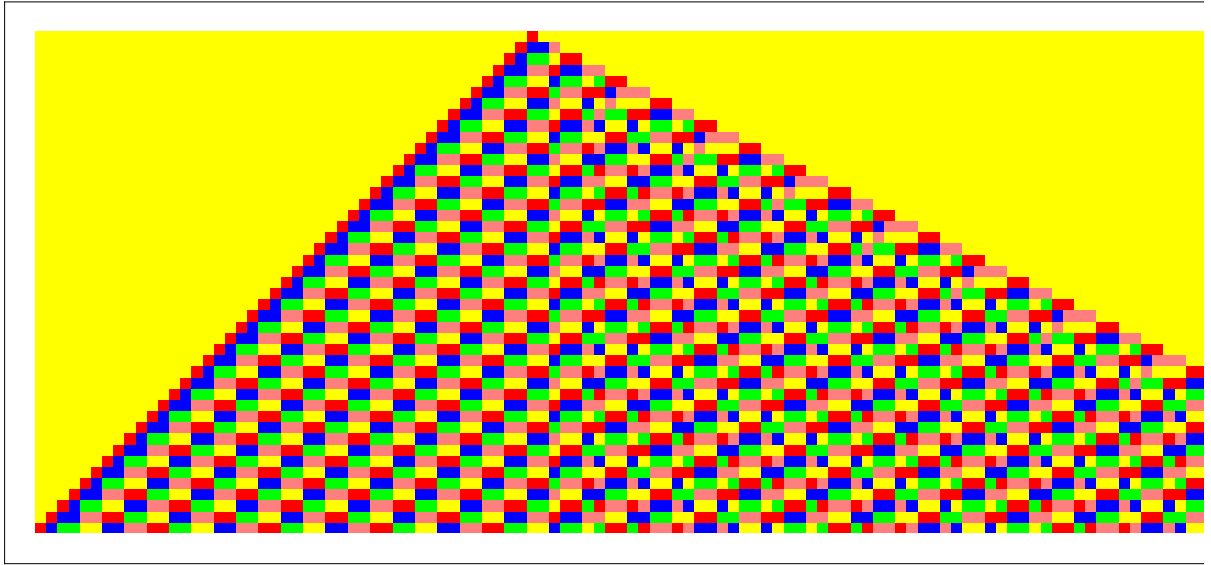


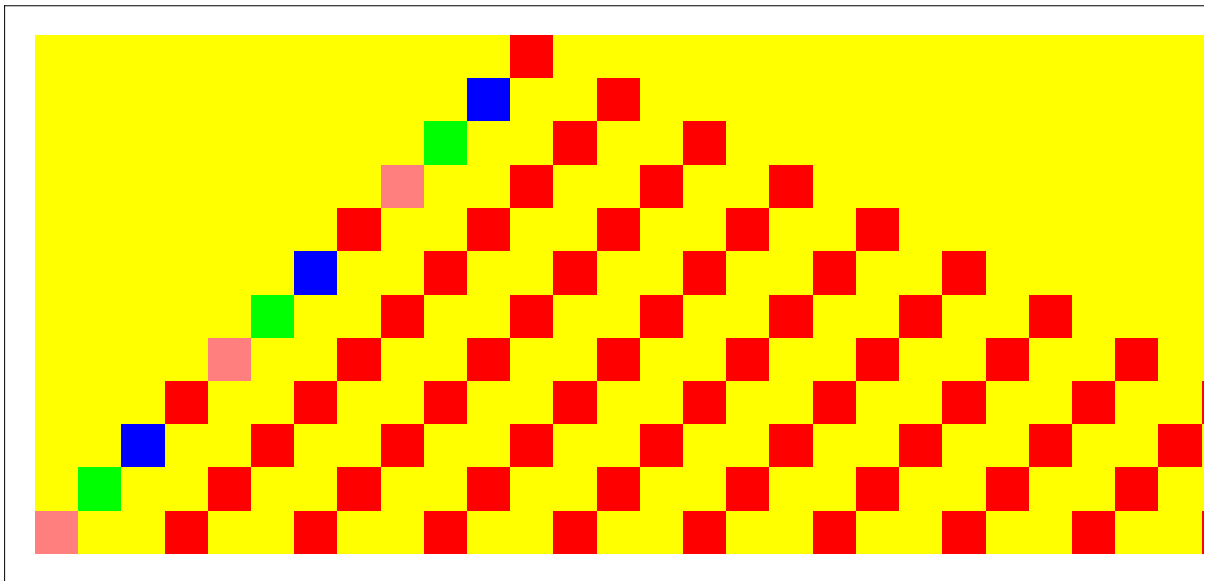
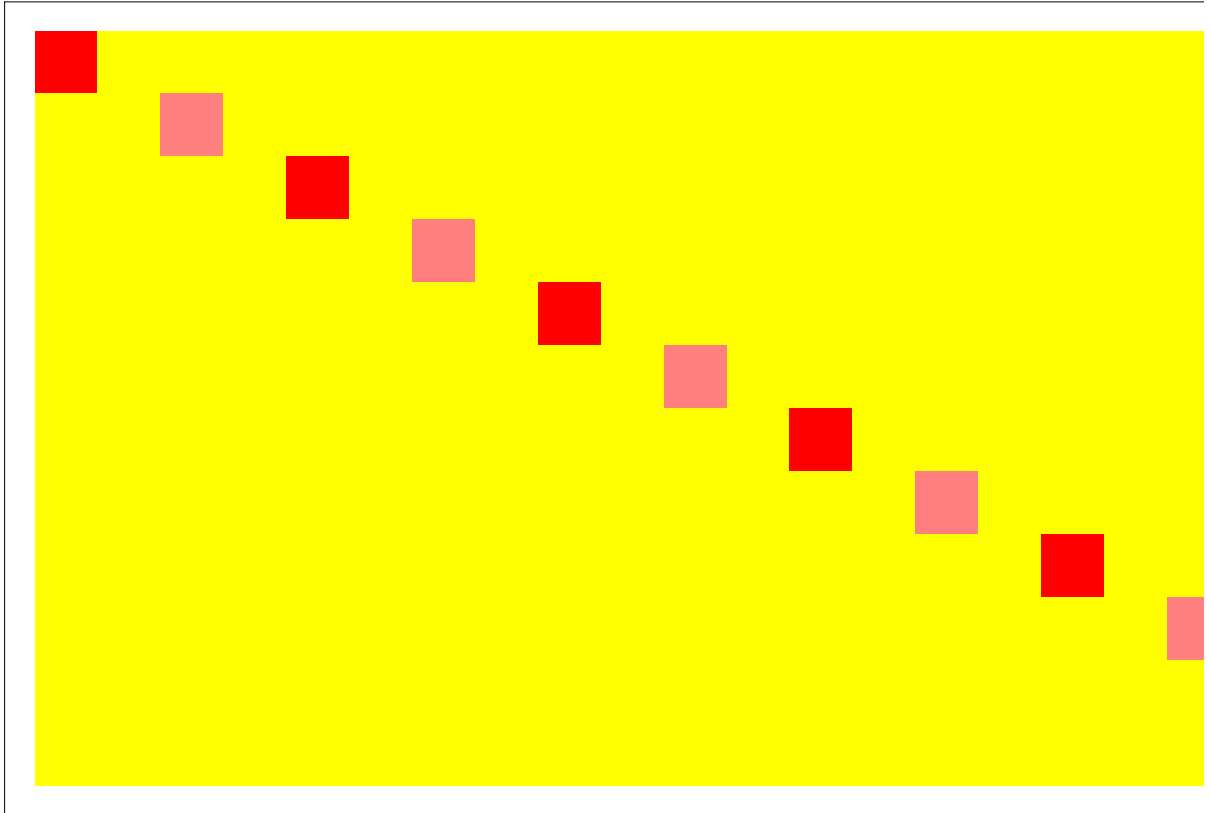




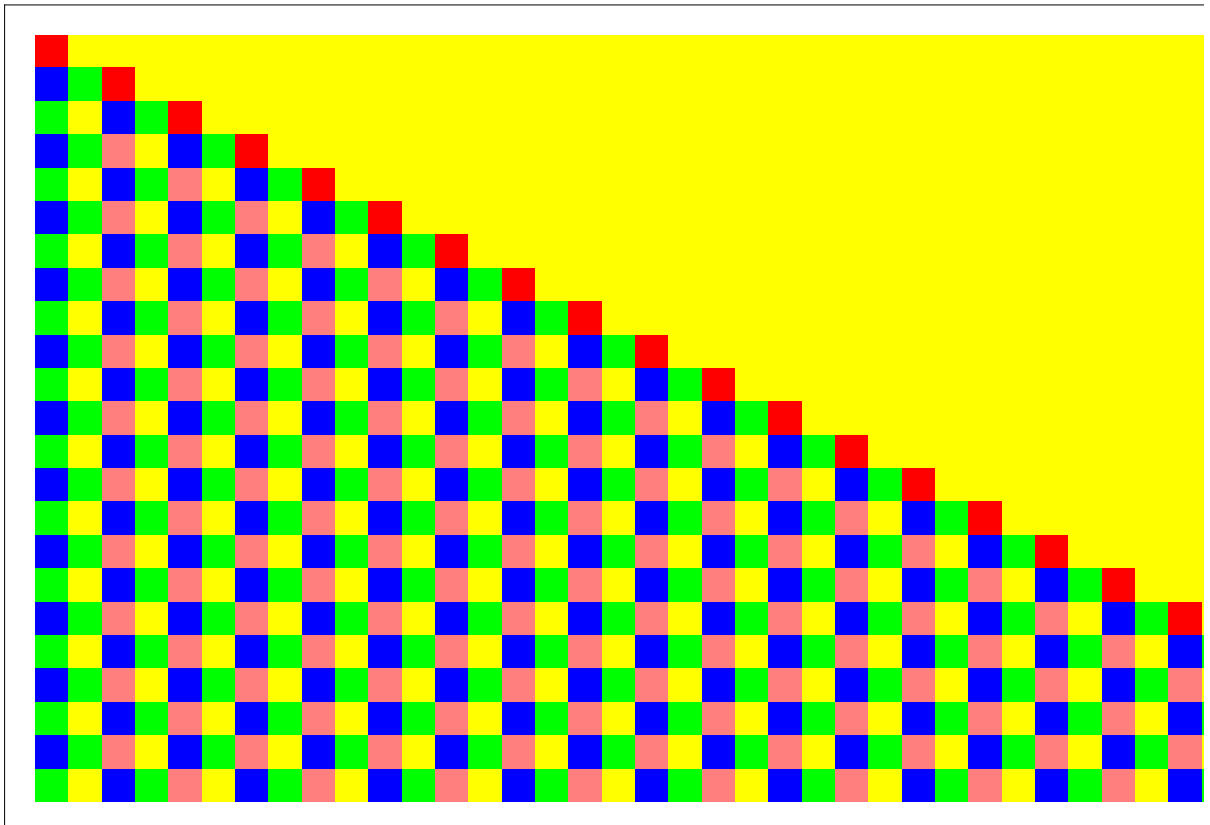
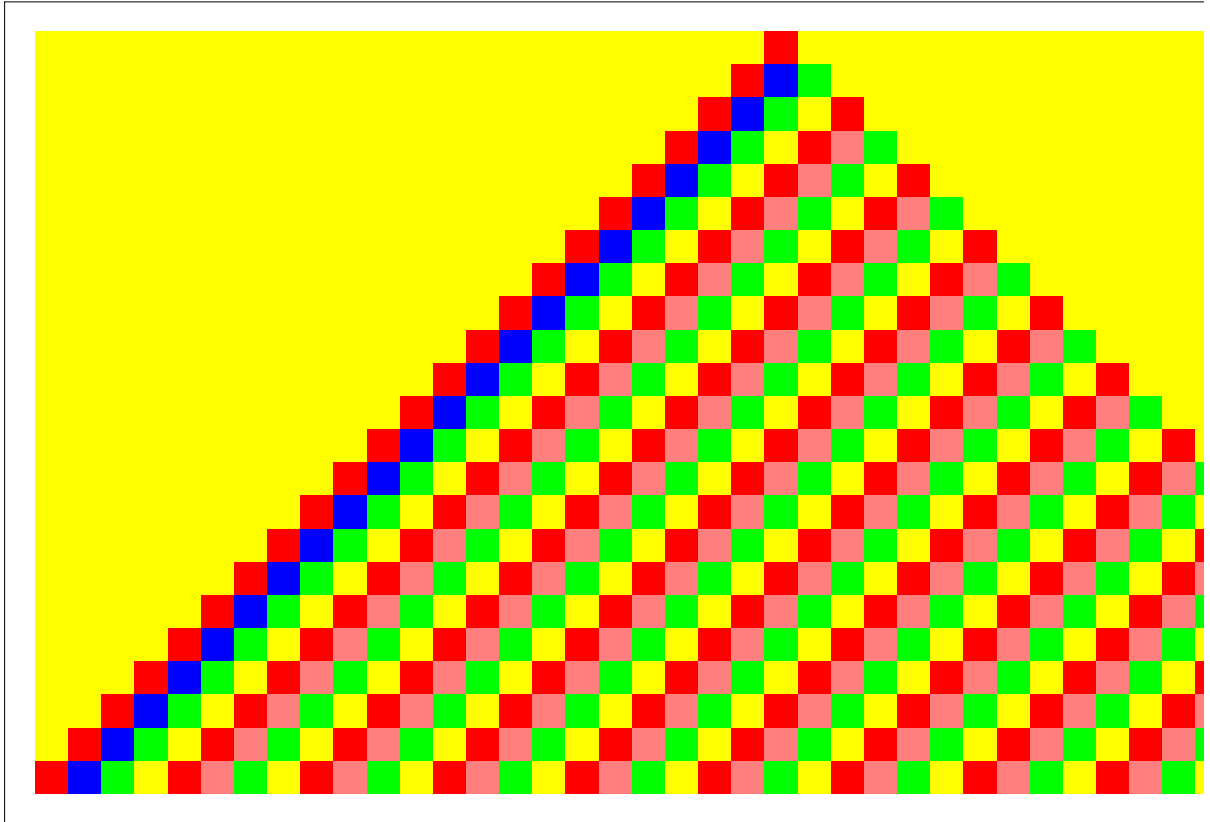


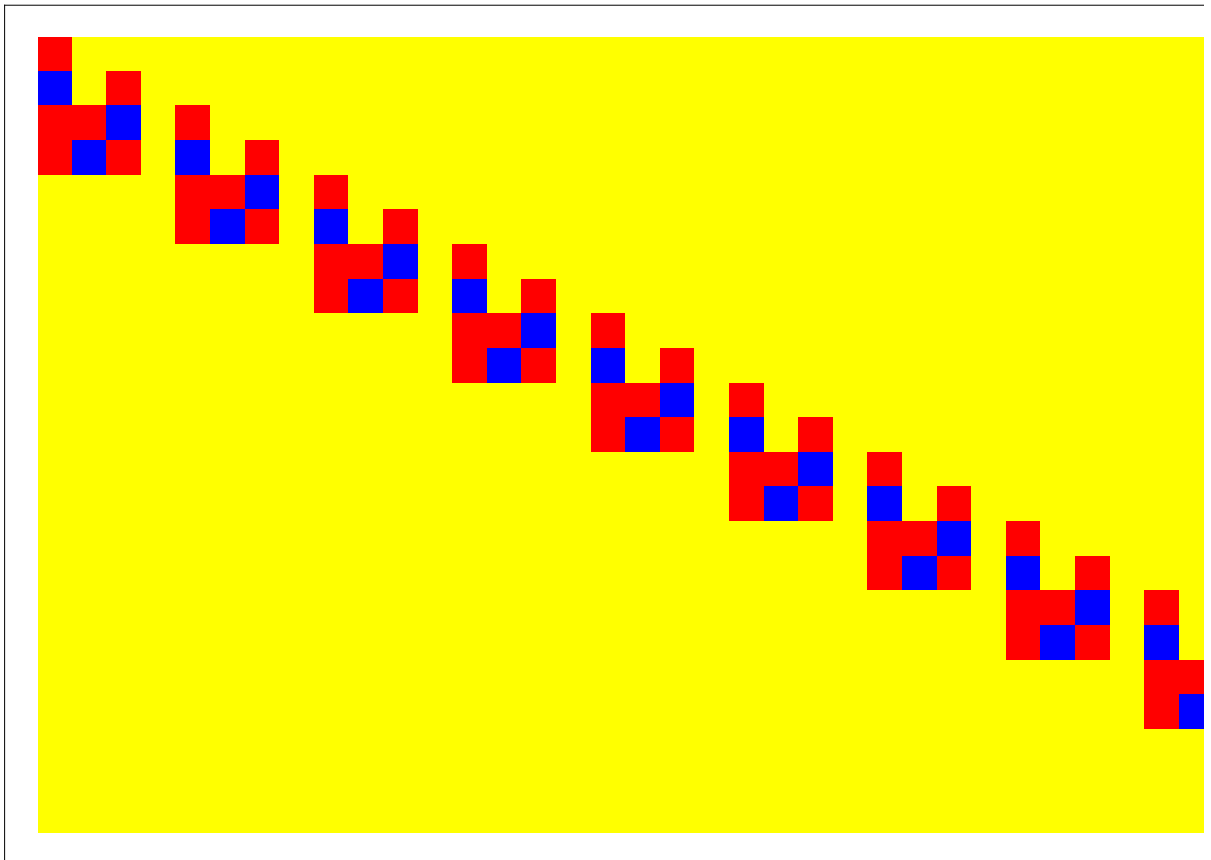
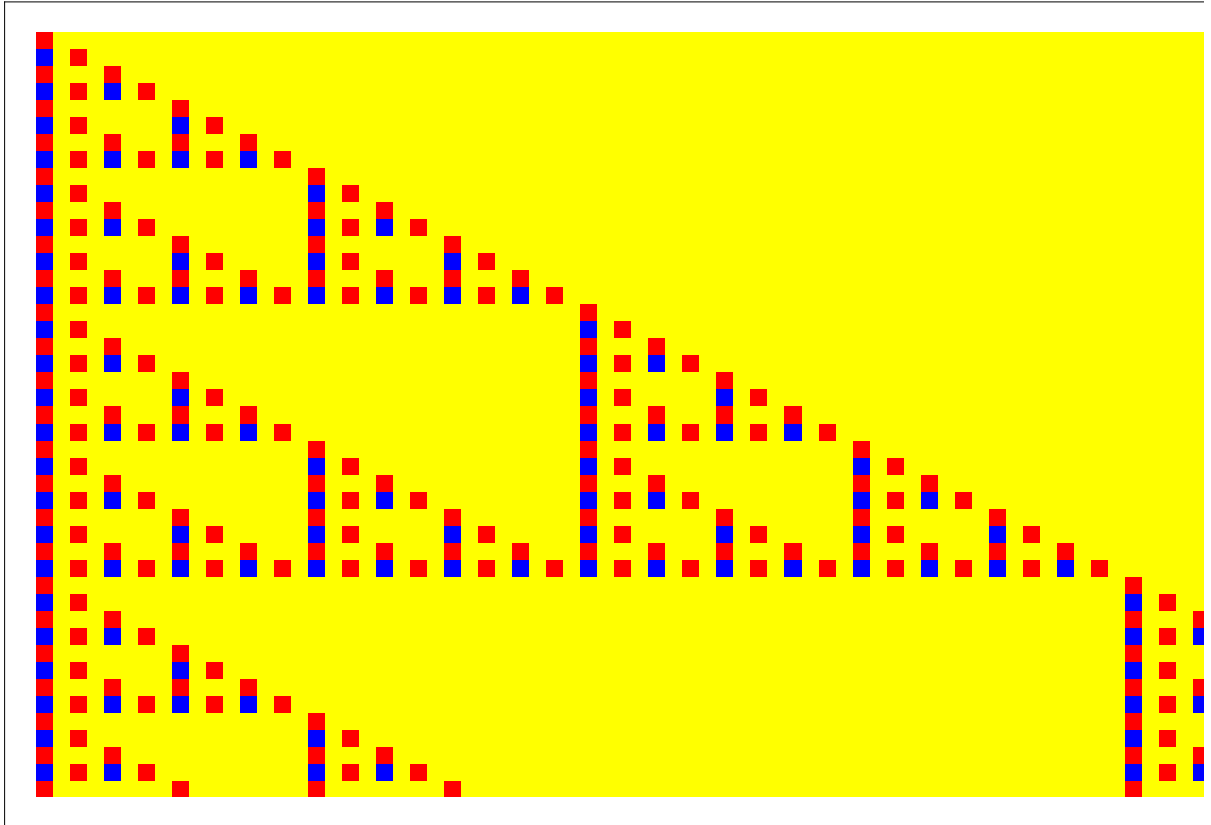


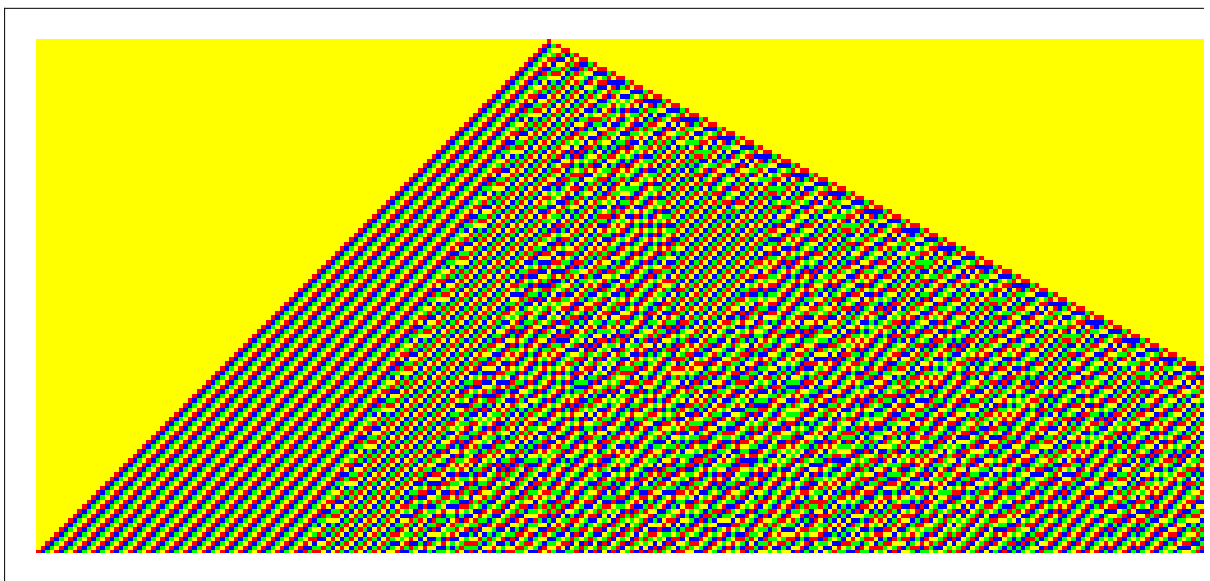
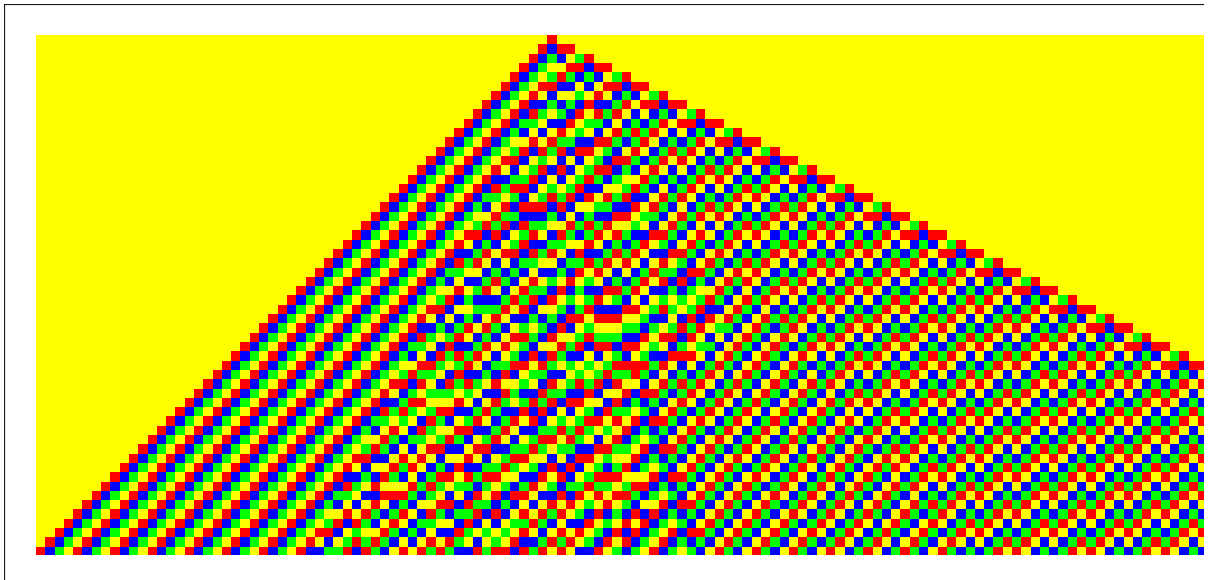
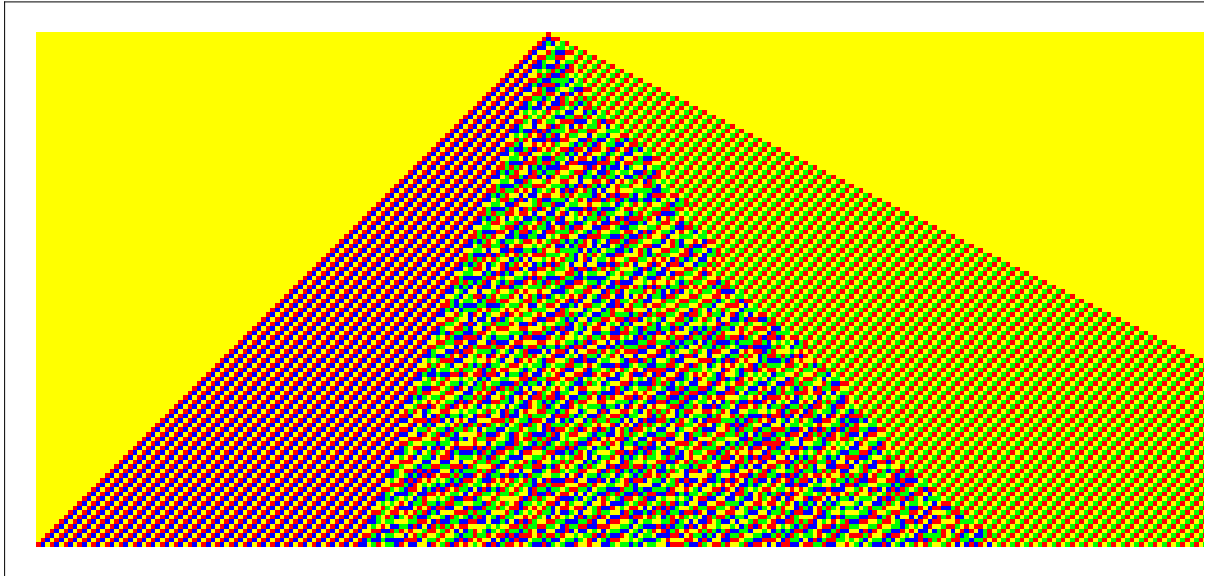


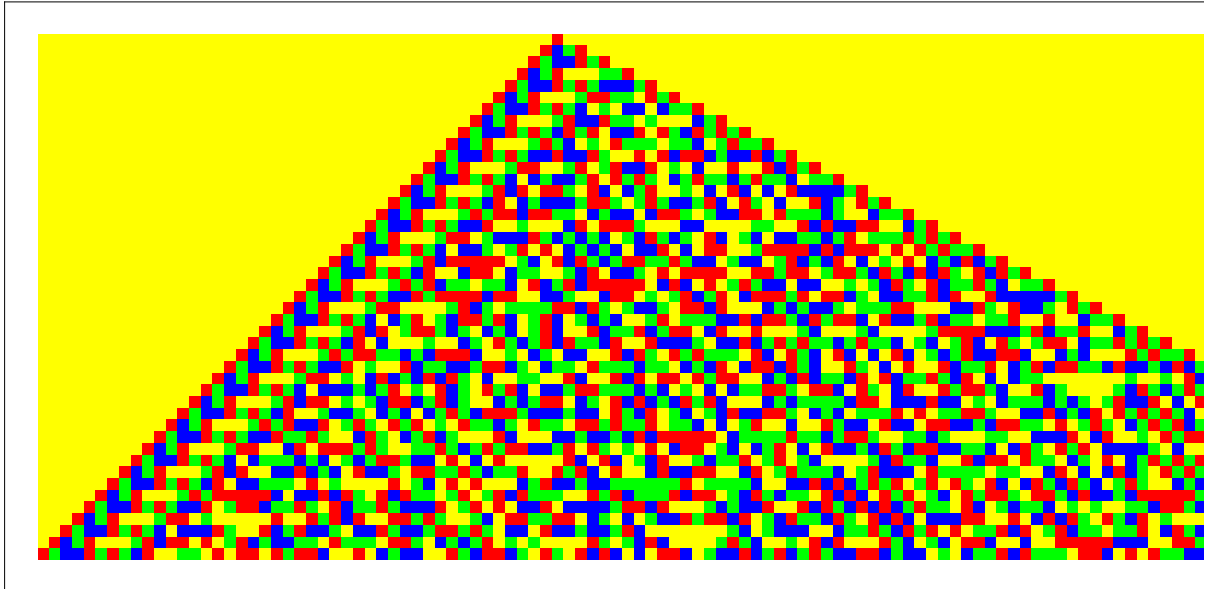


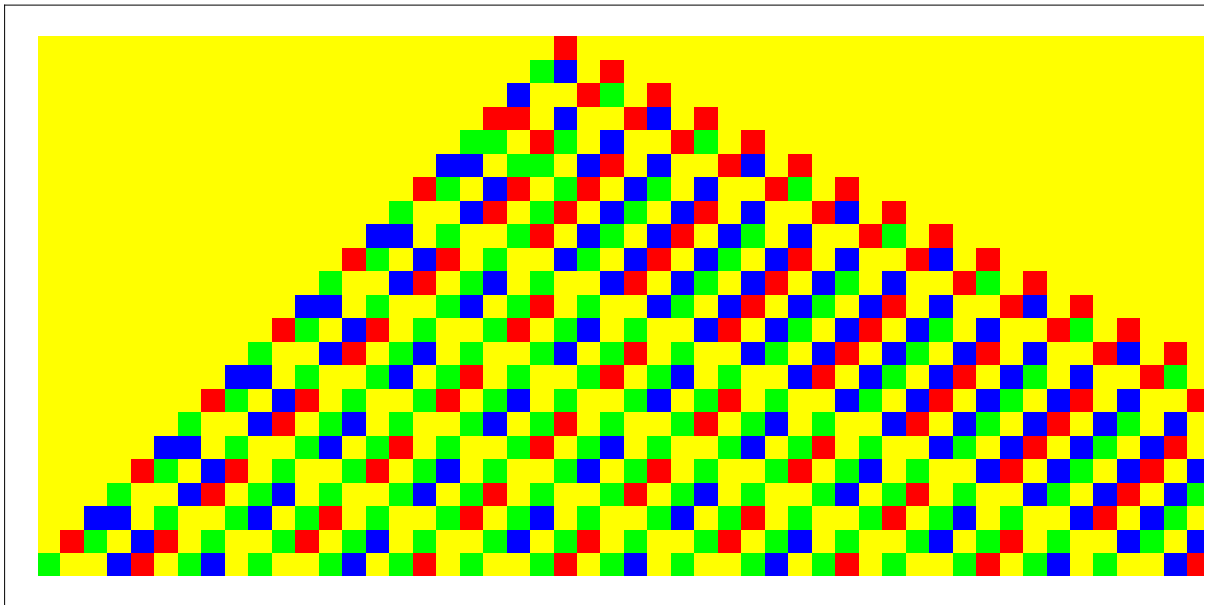


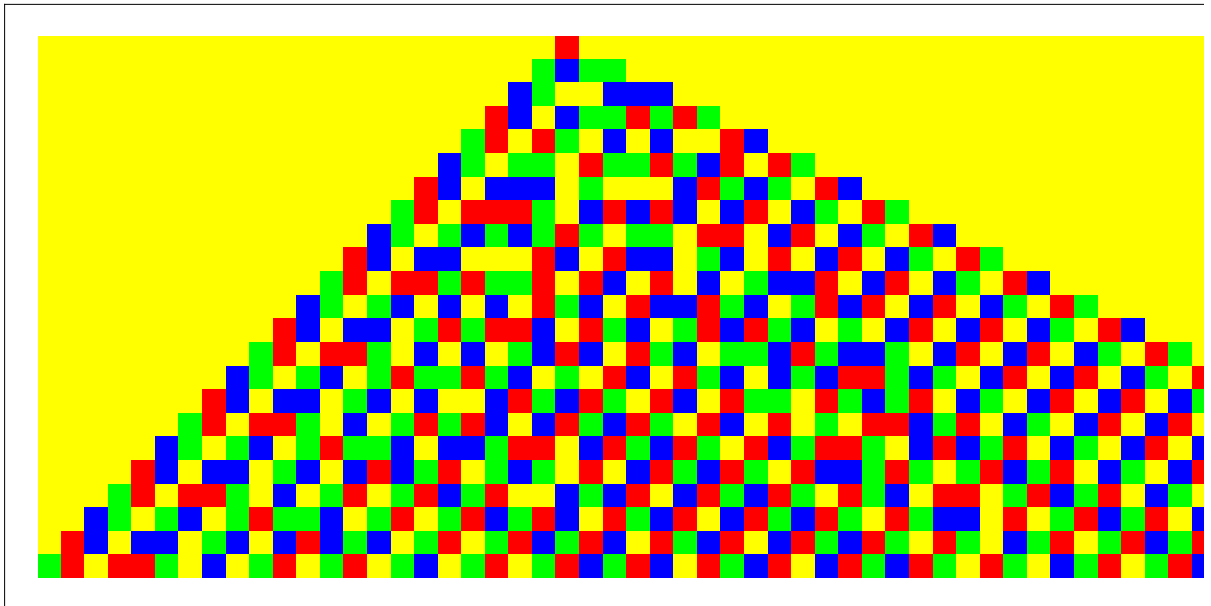
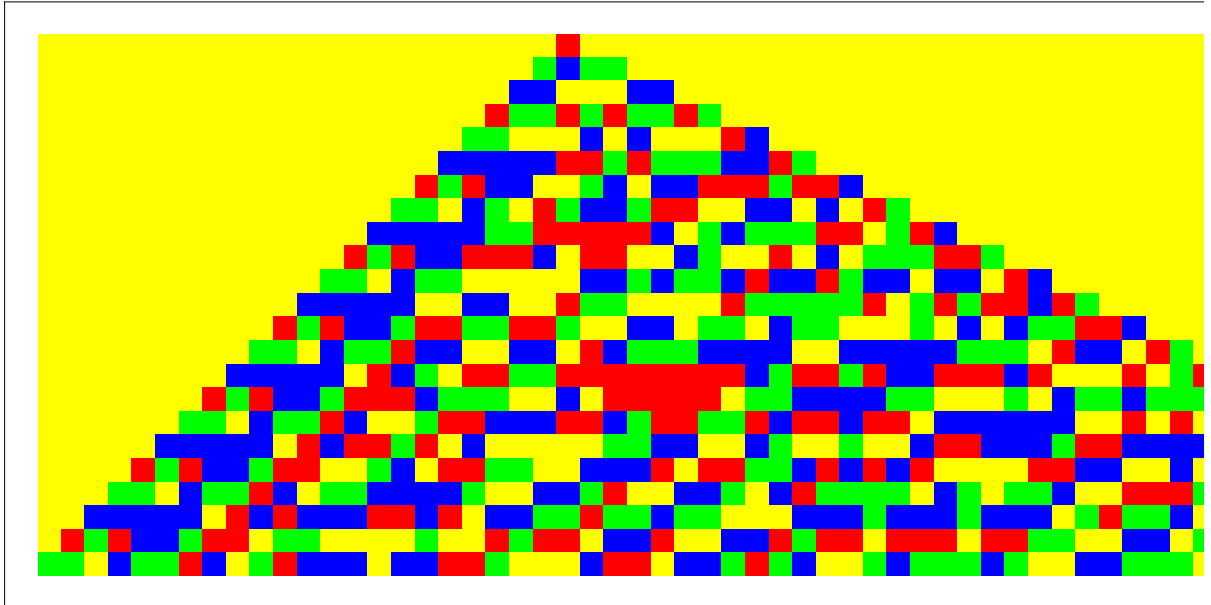


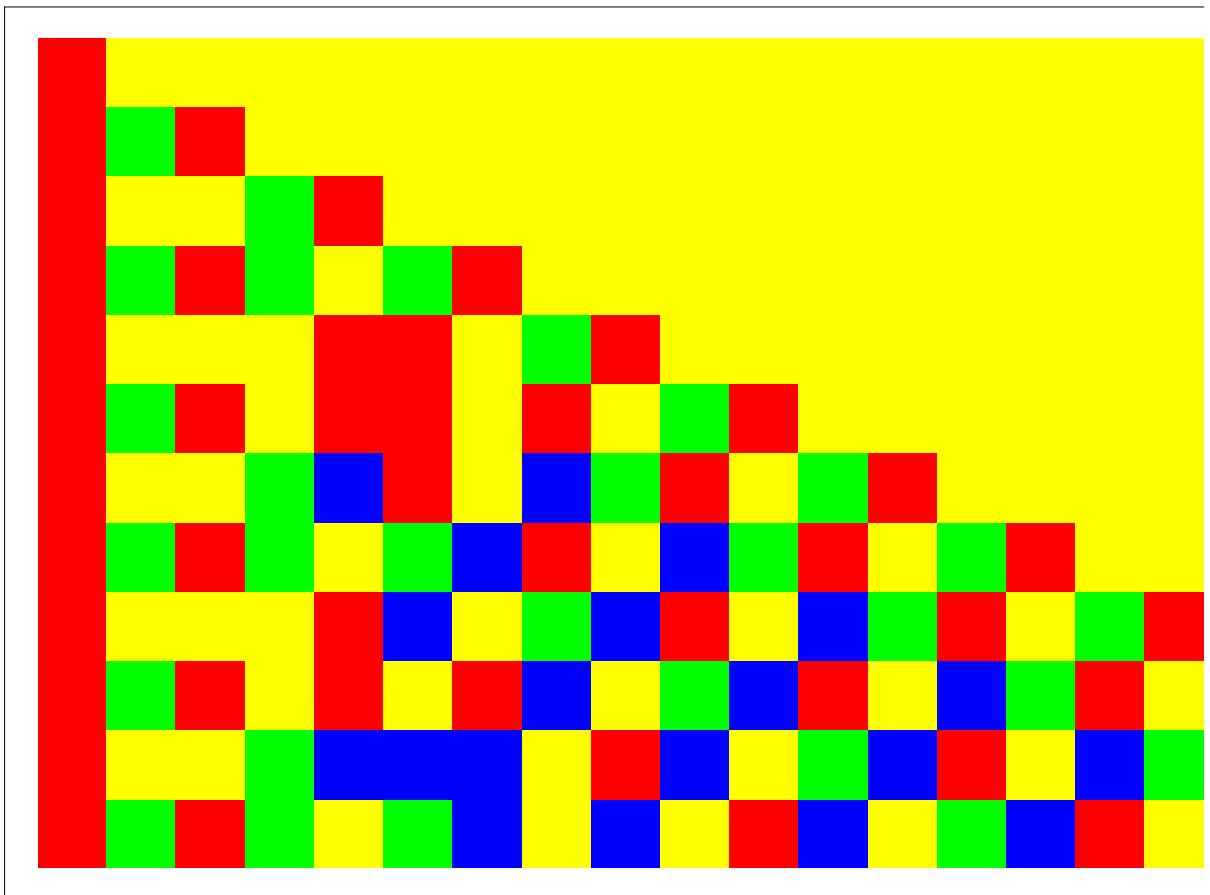
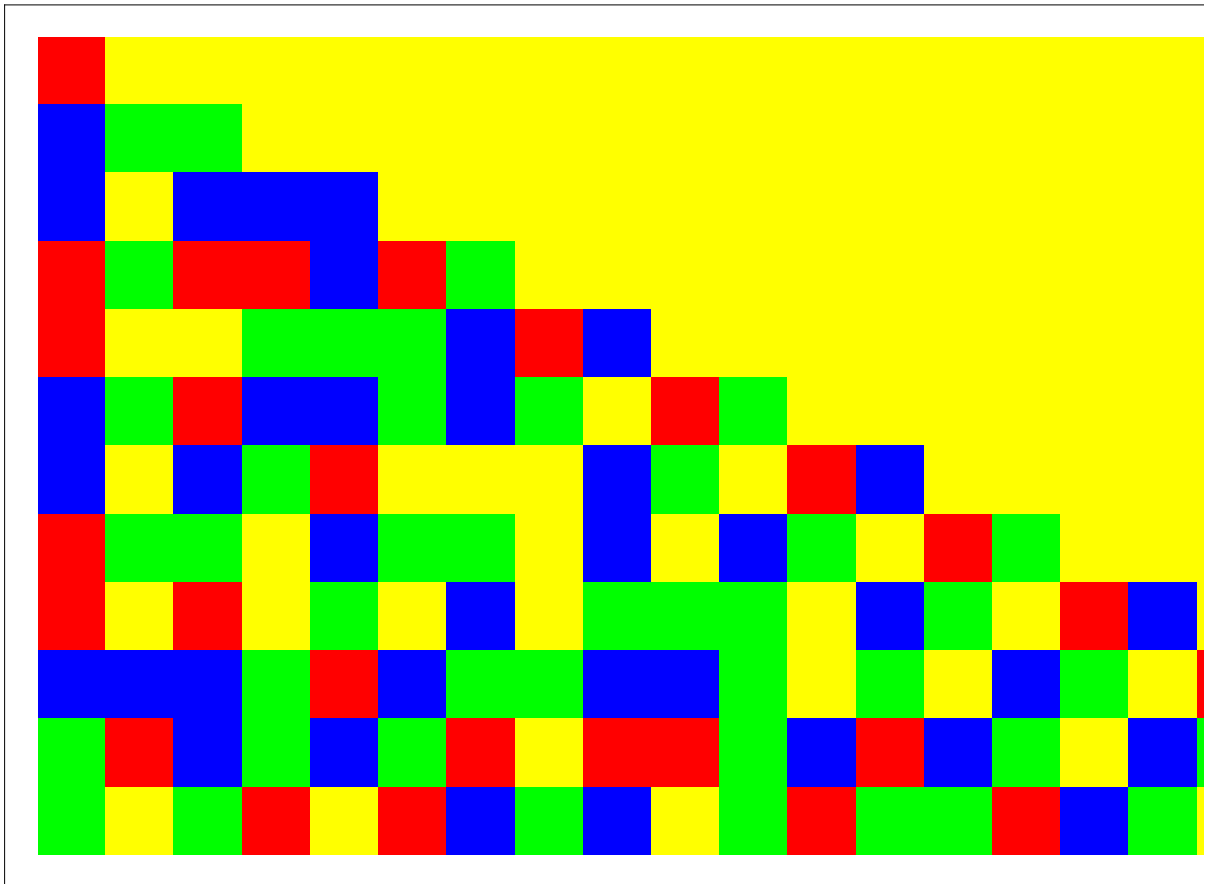


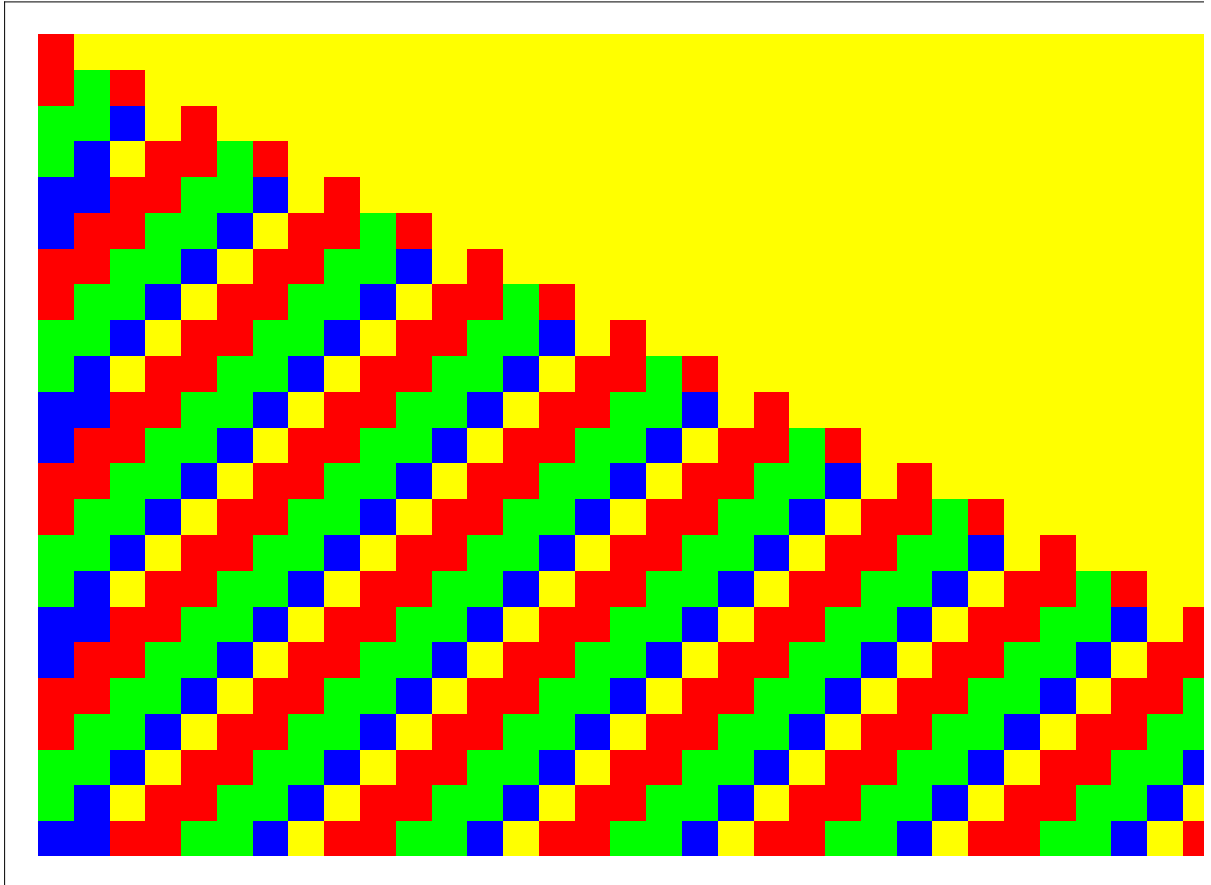




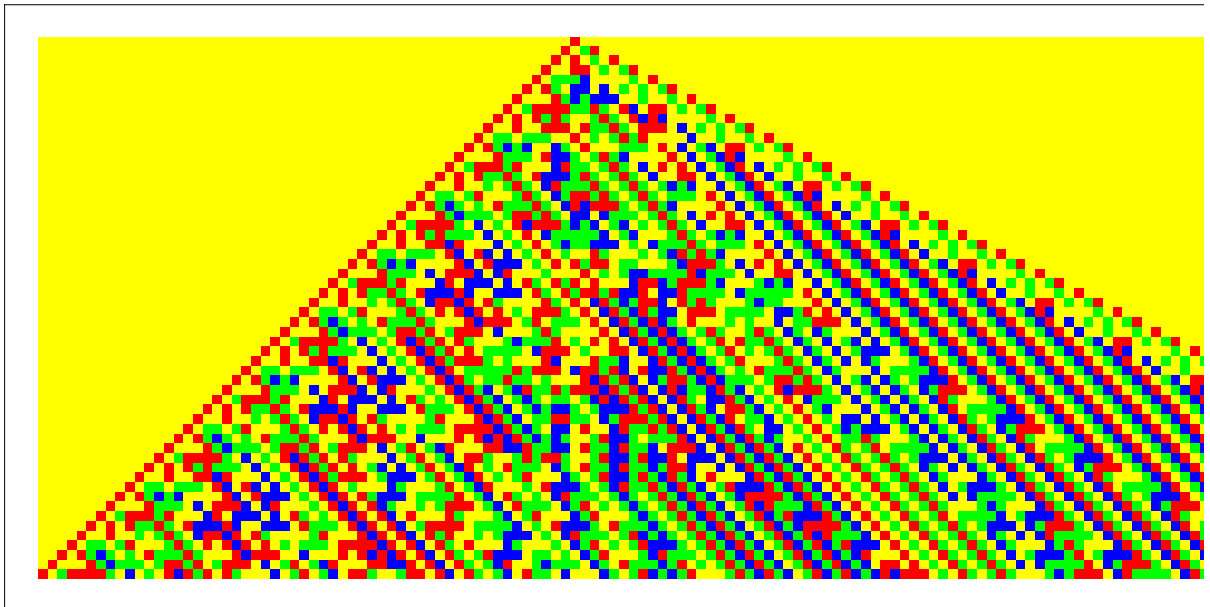
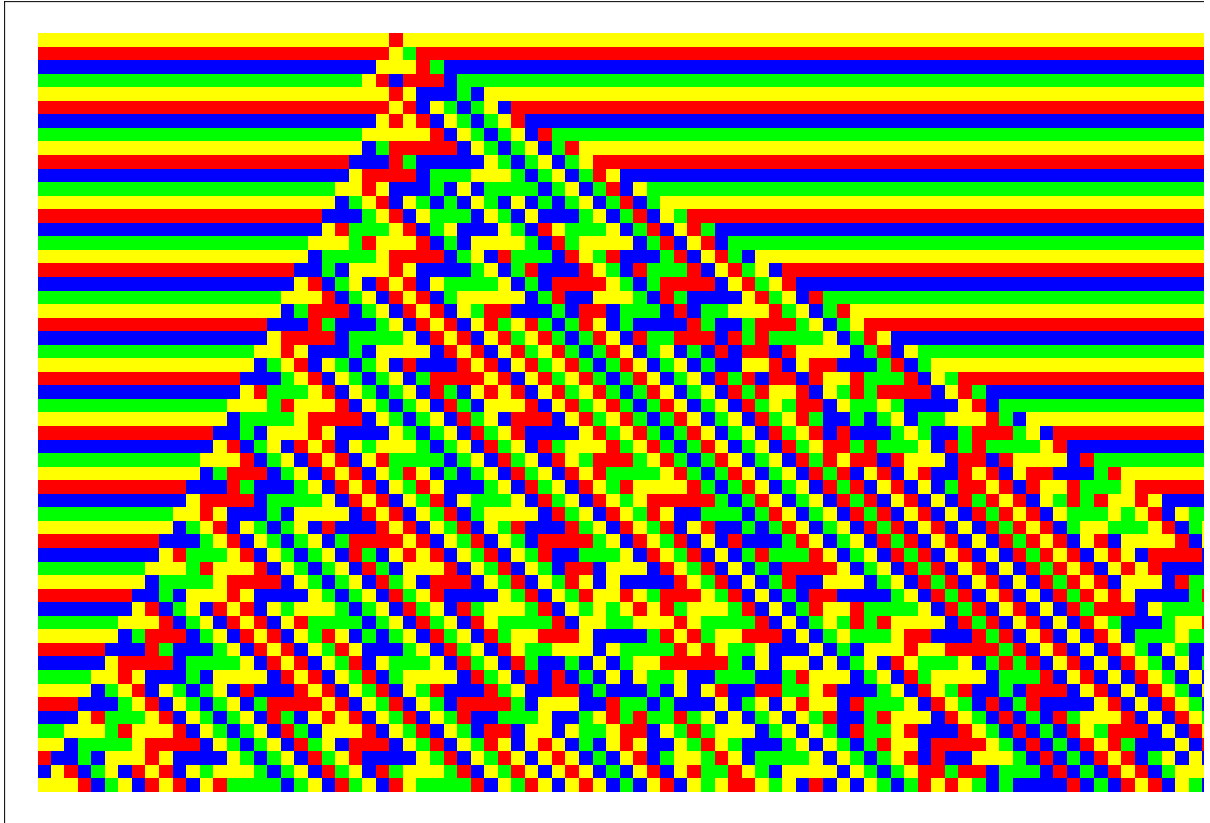


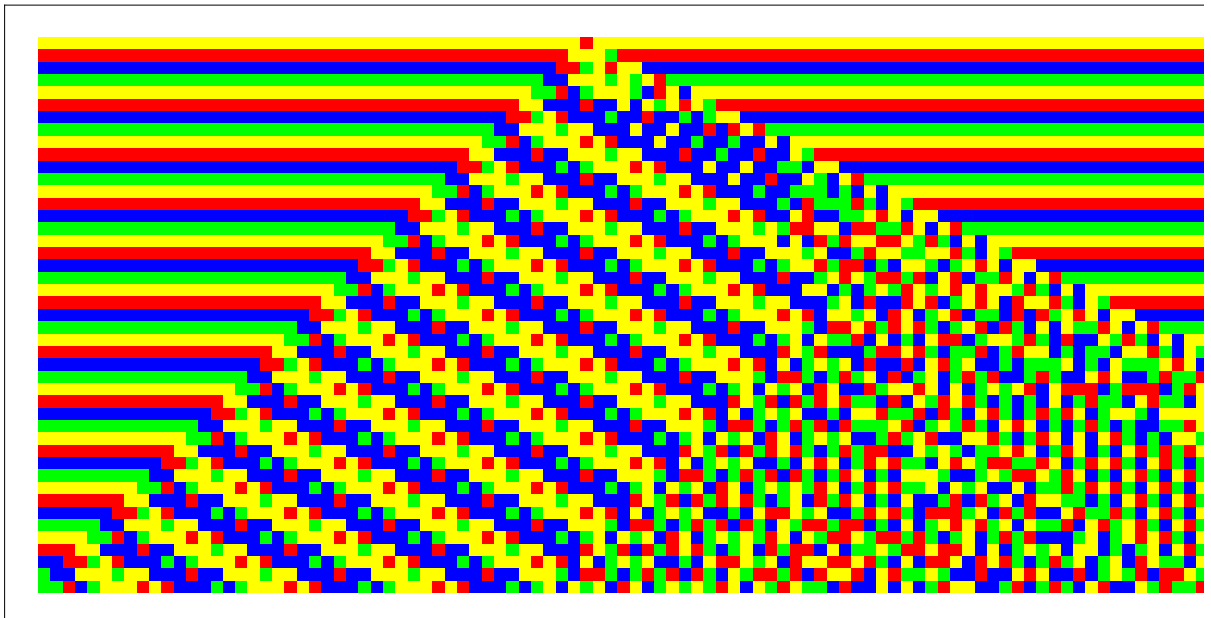
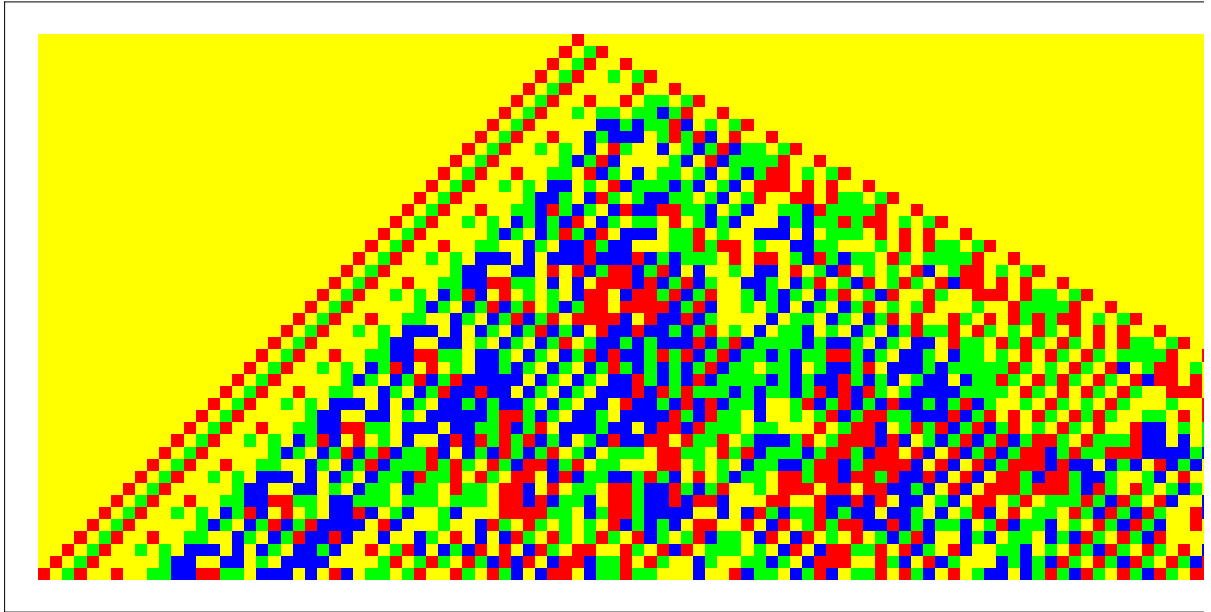


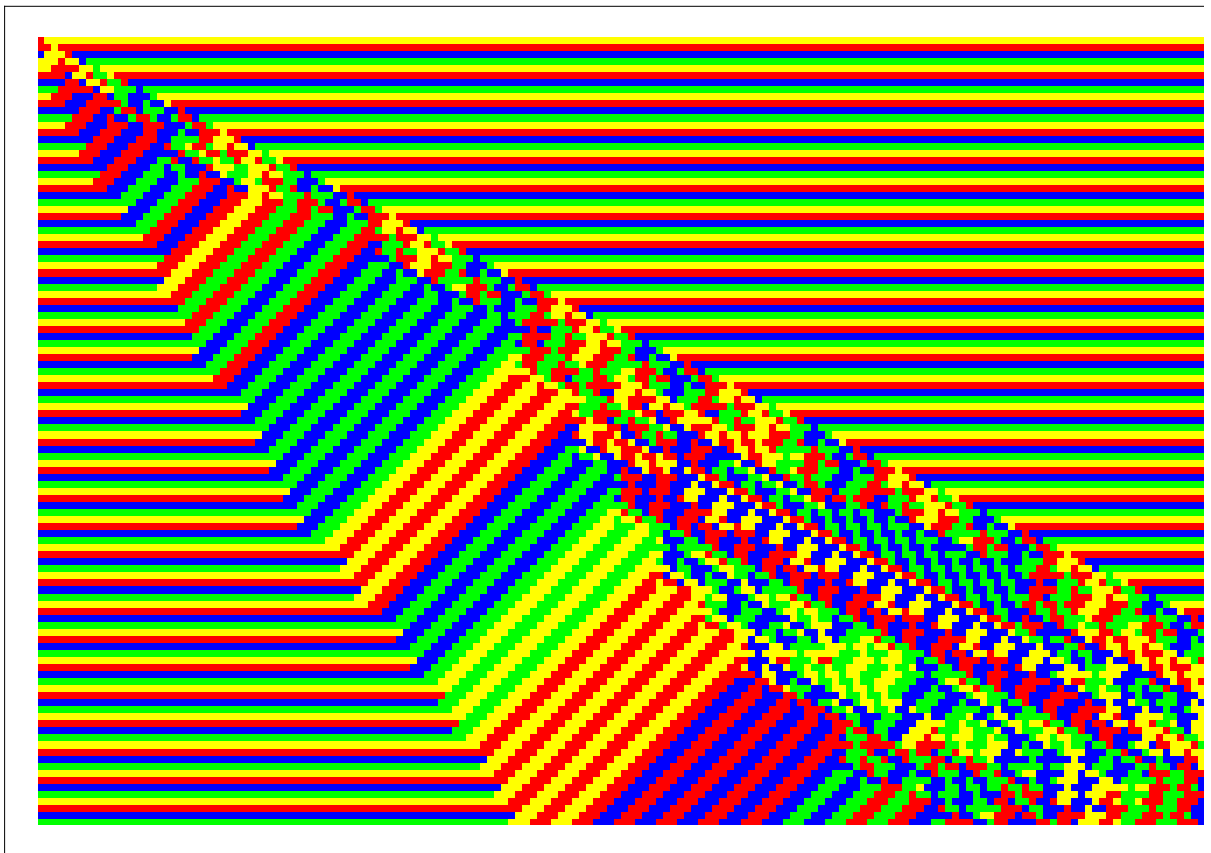
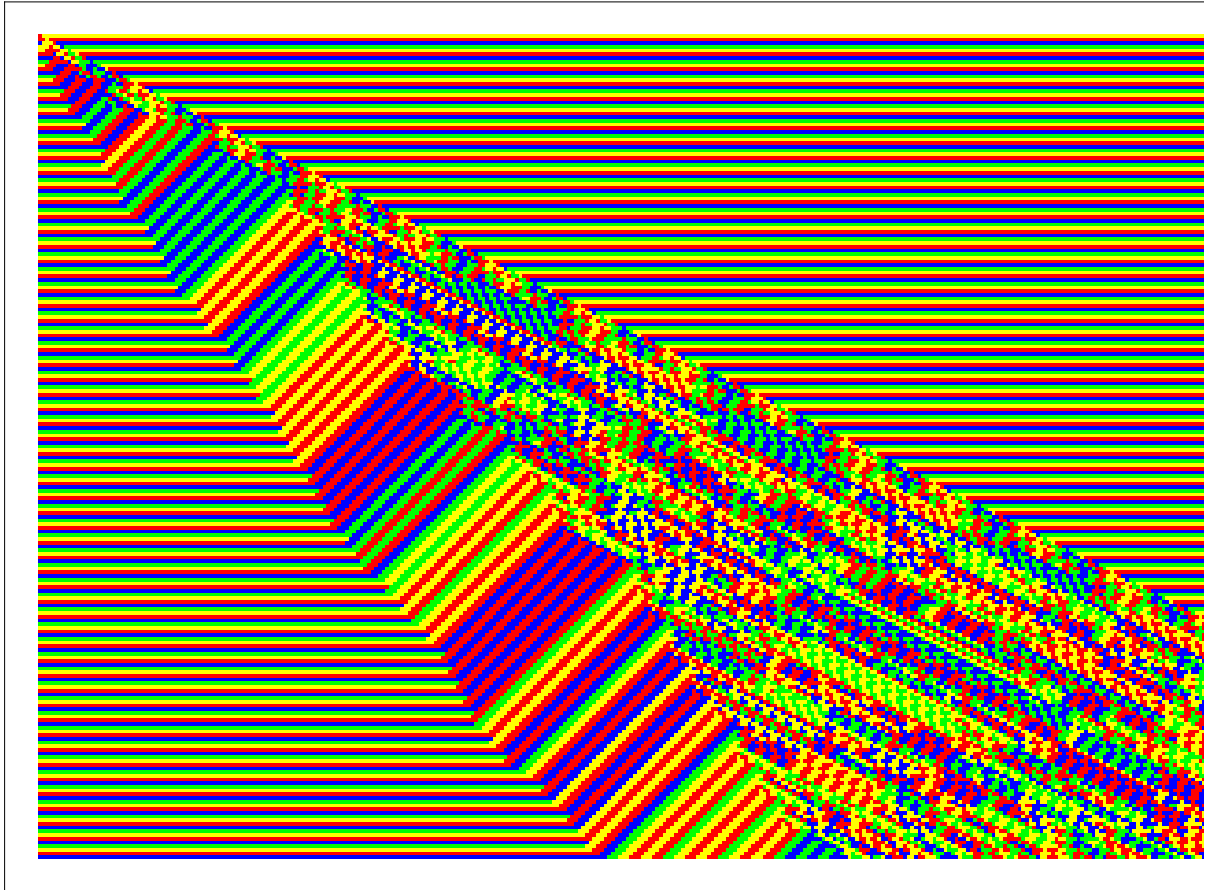


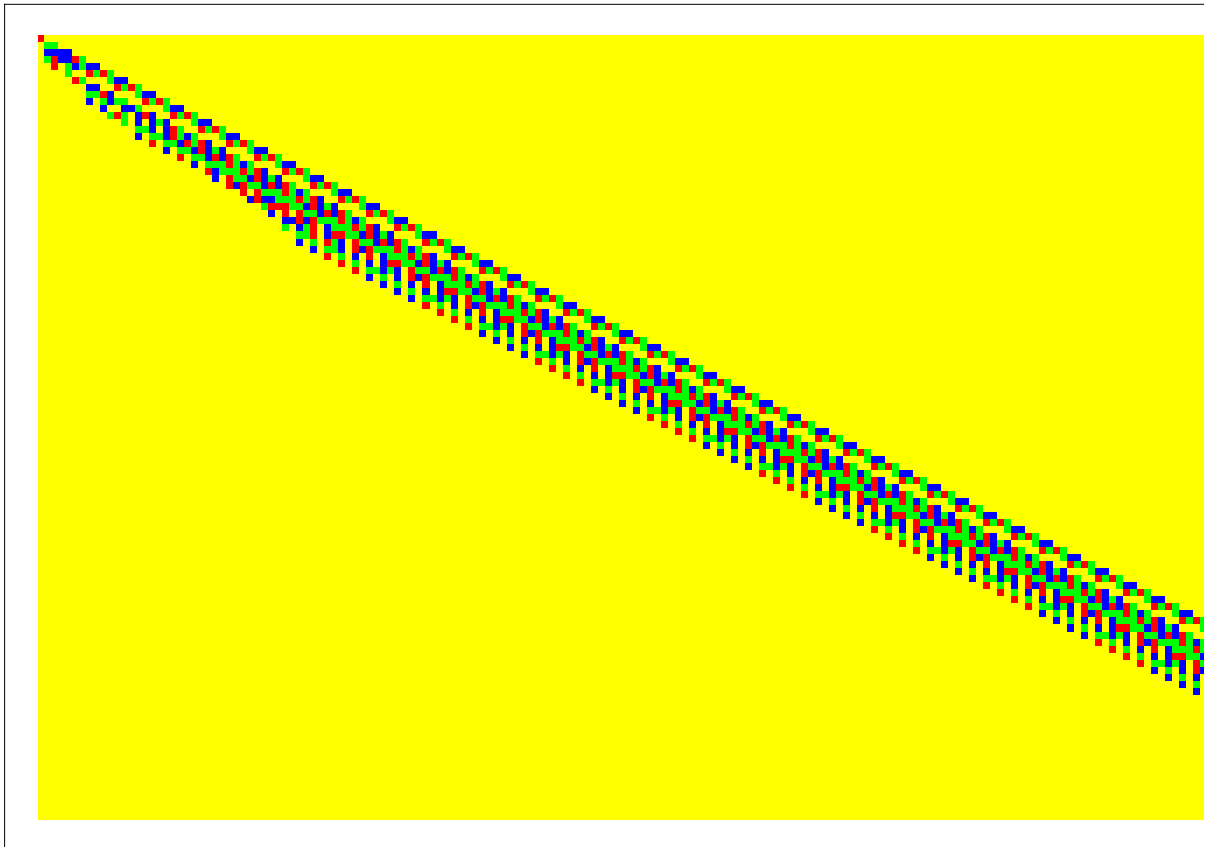
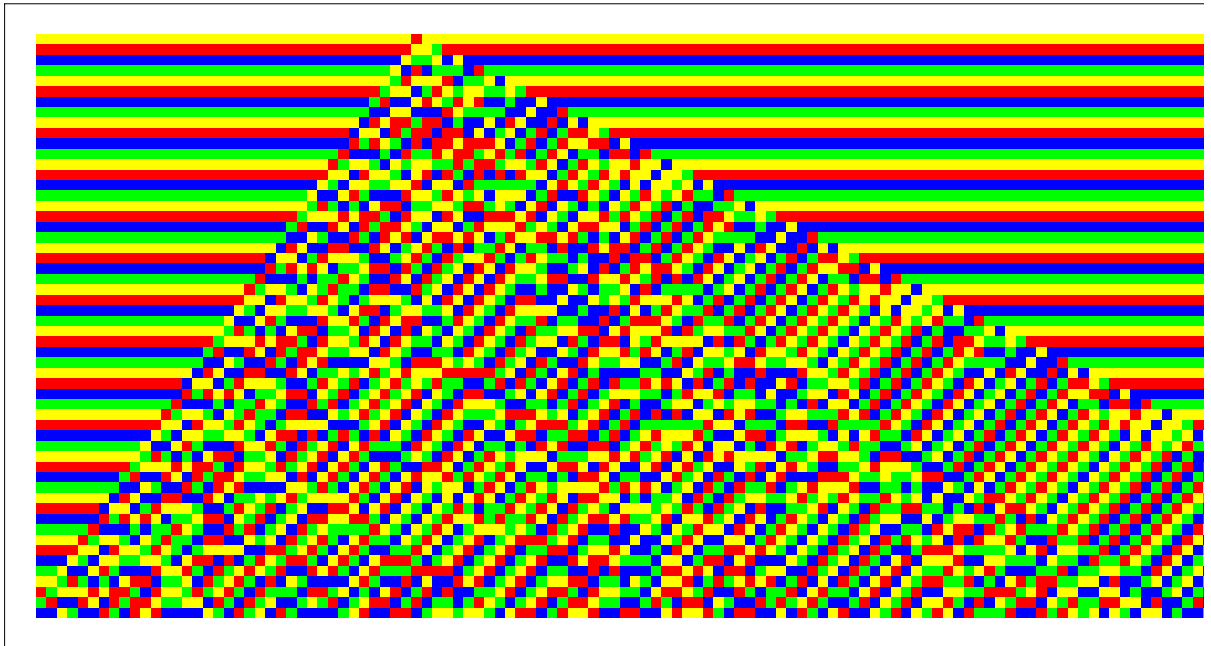


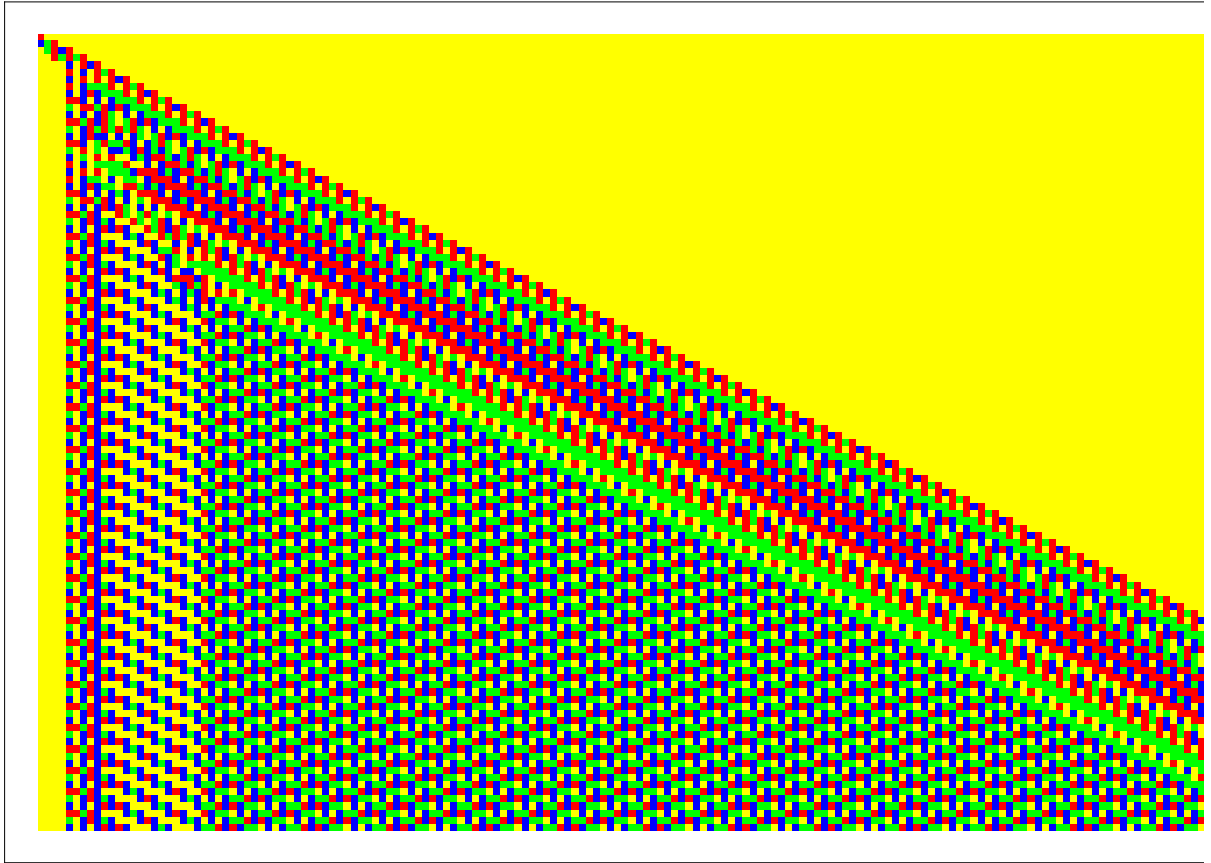
Further examples

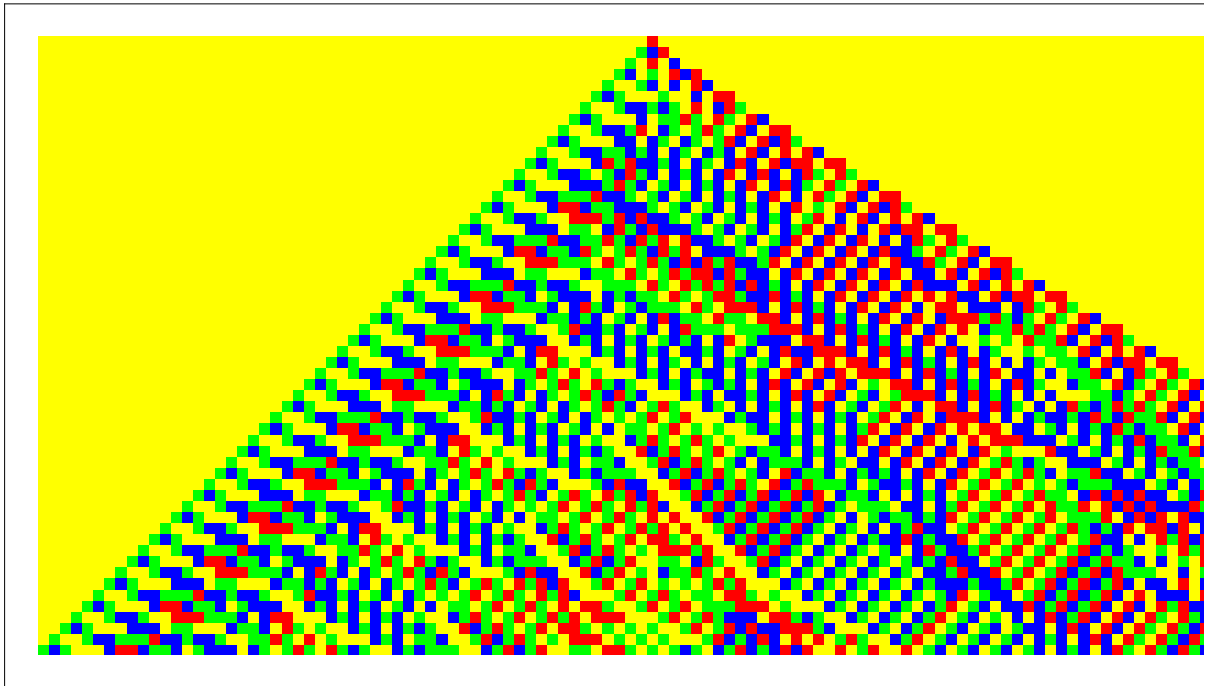
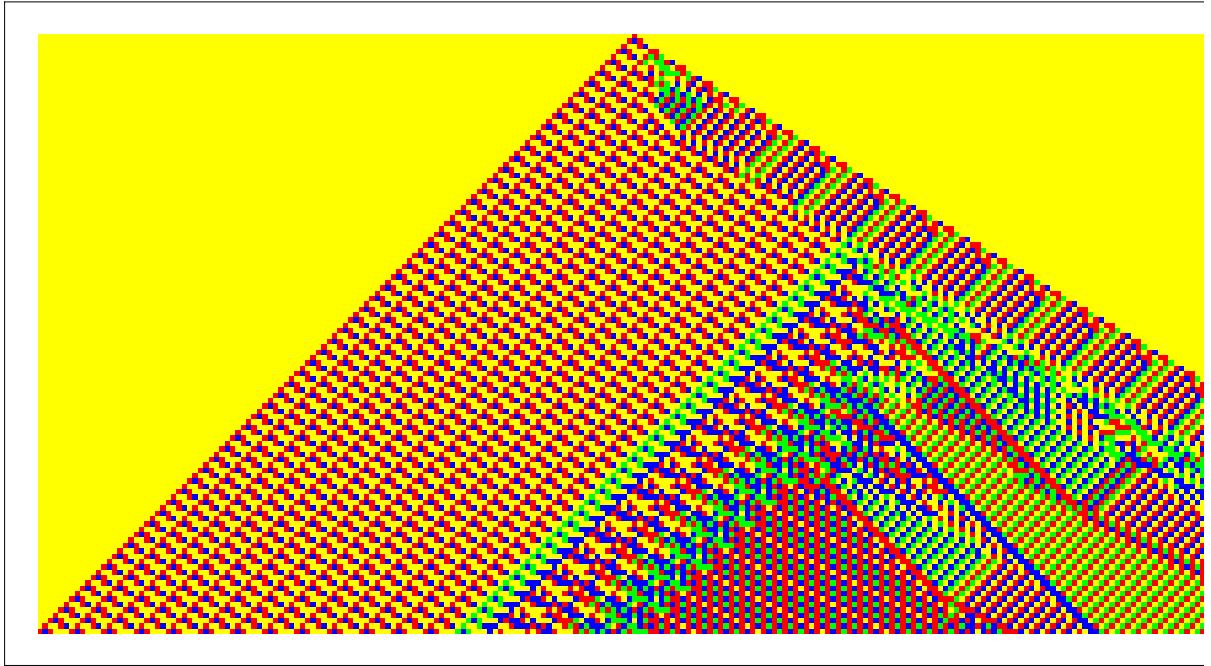


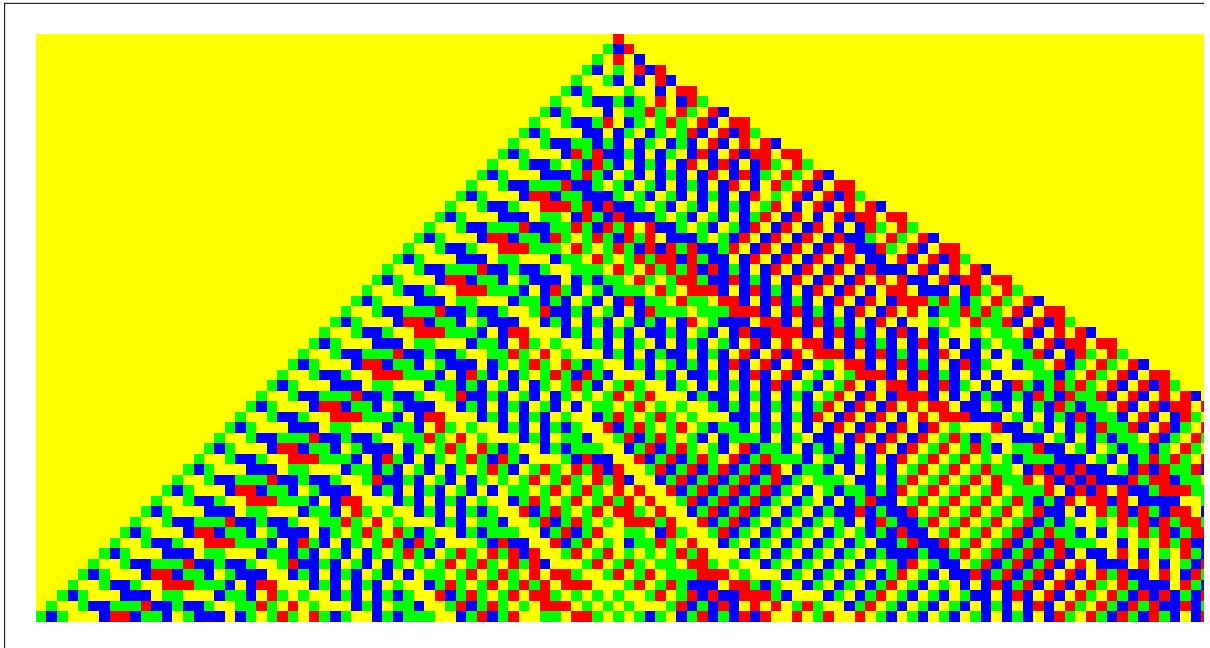
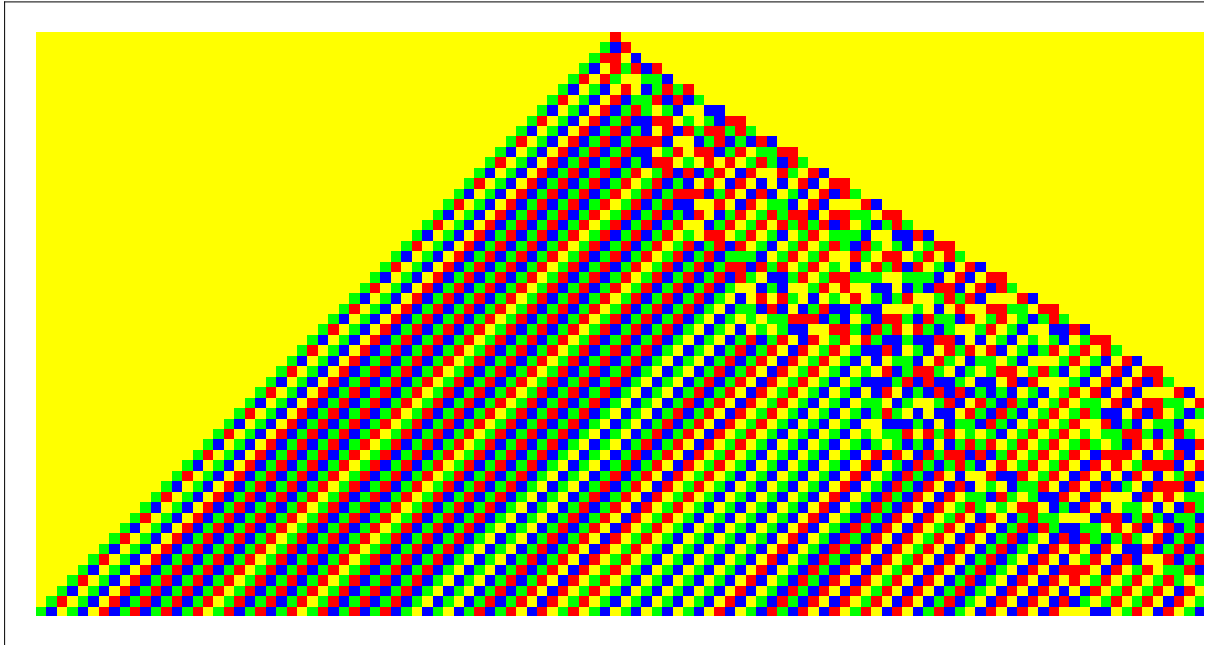


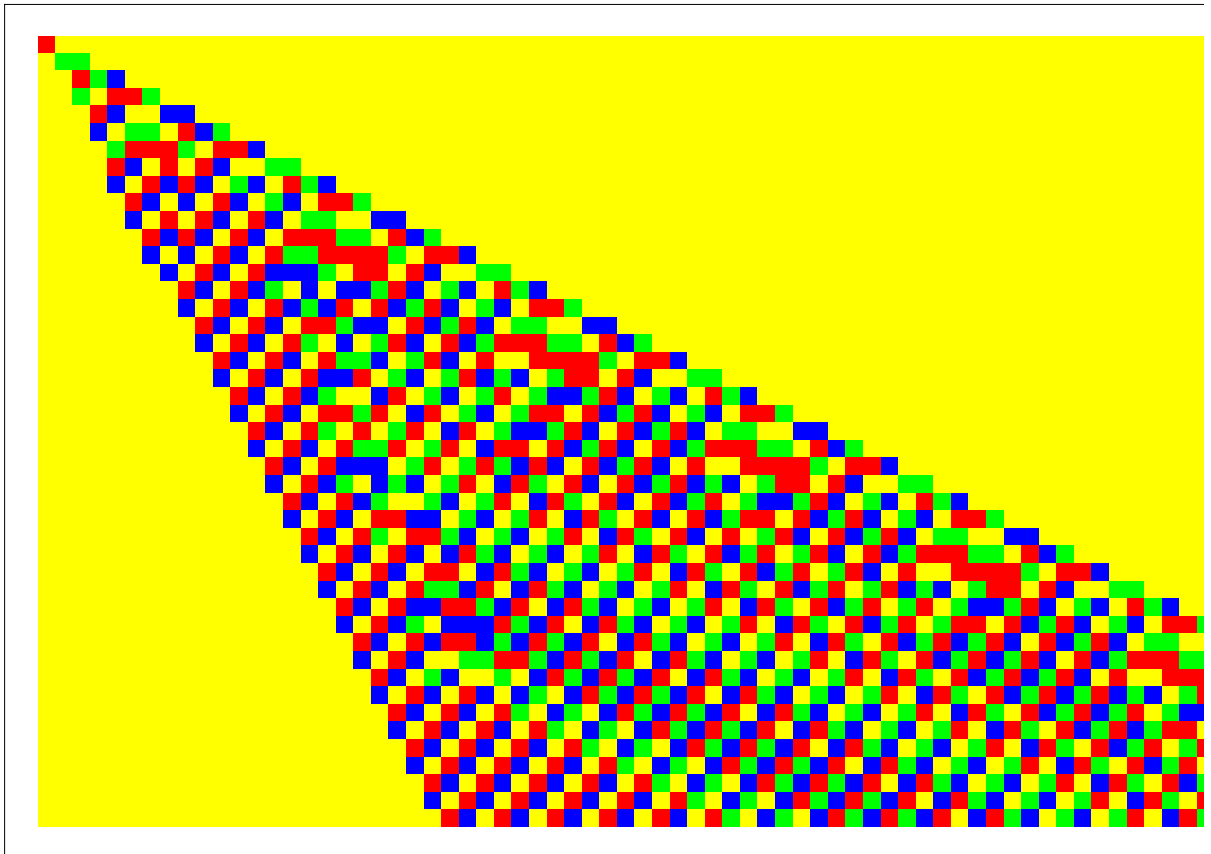
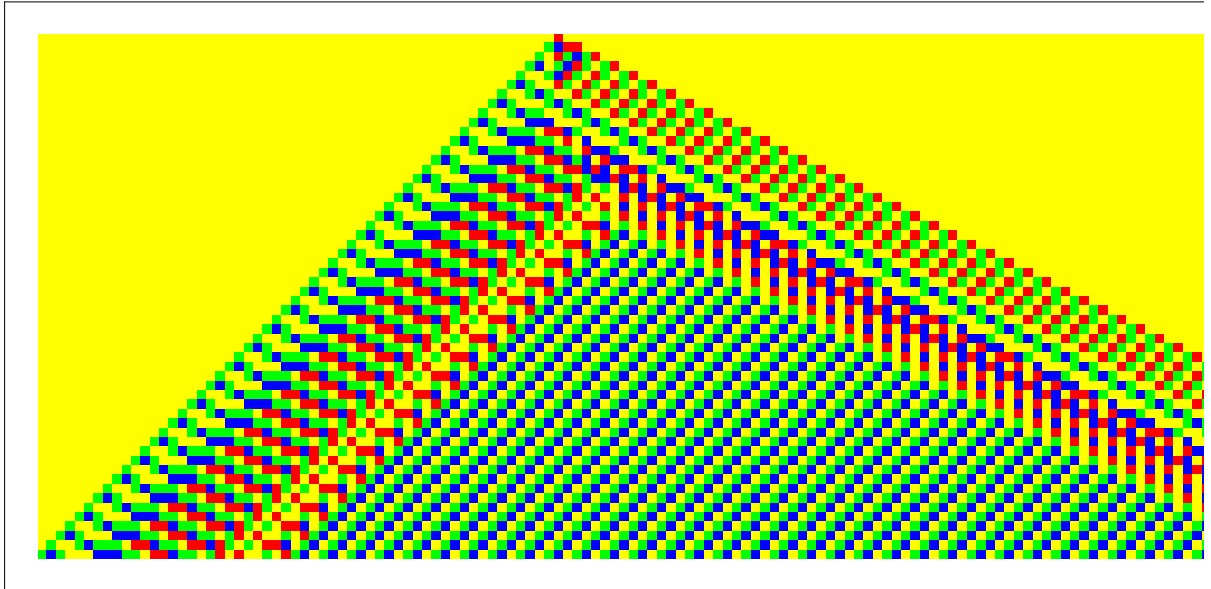


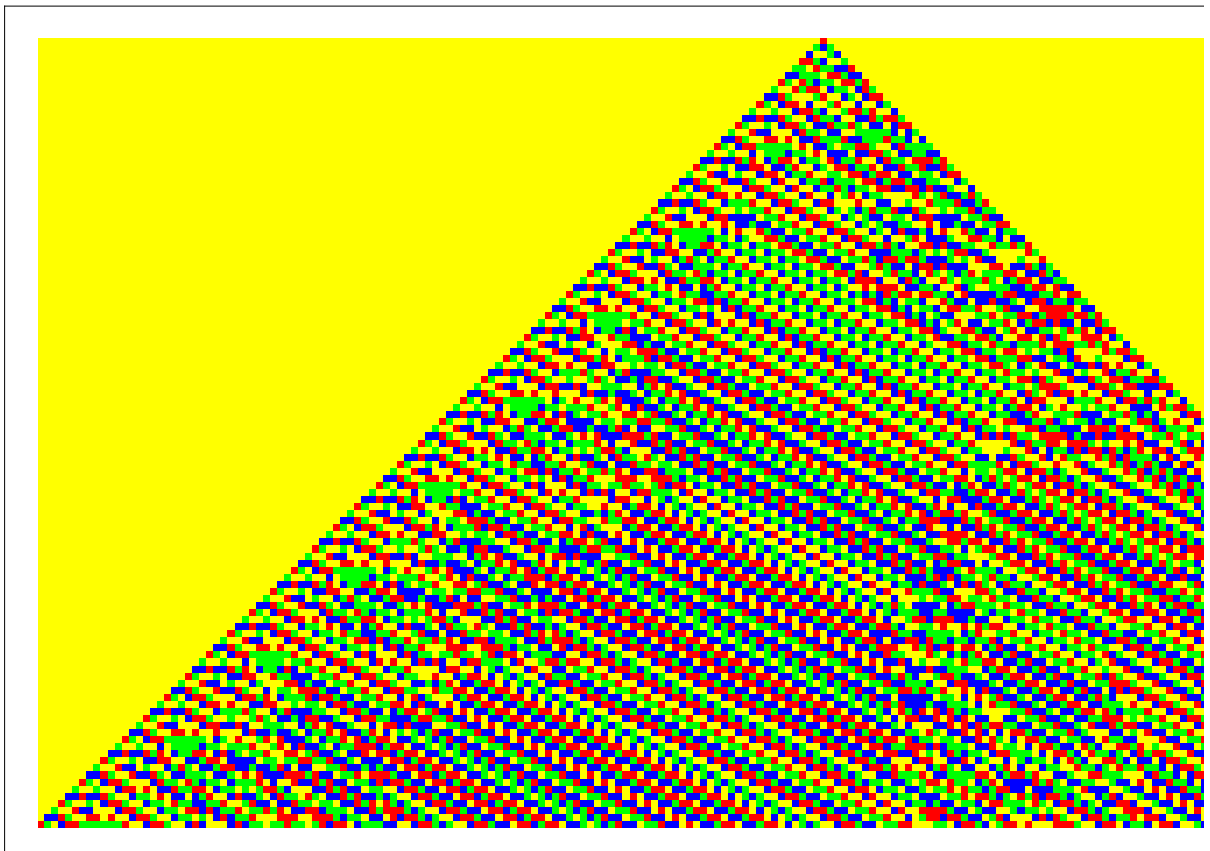
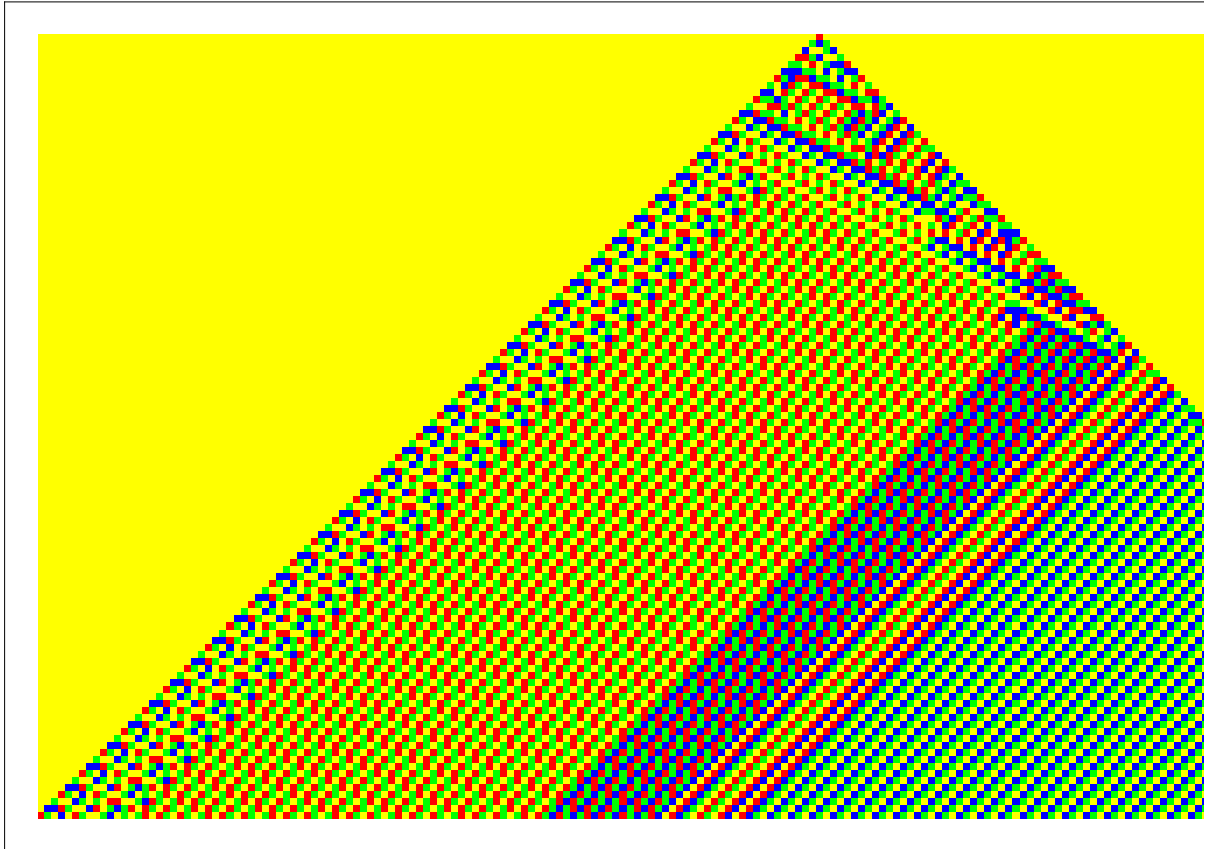


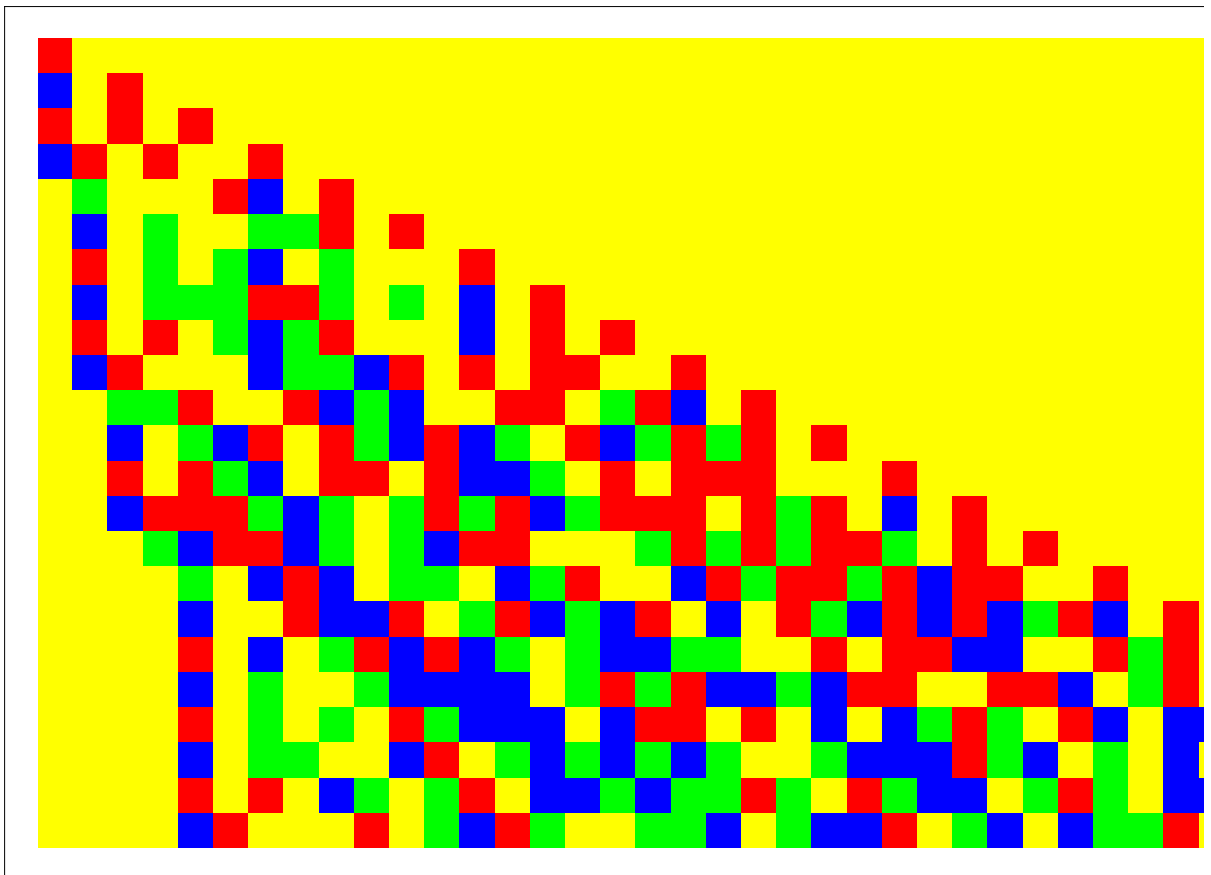
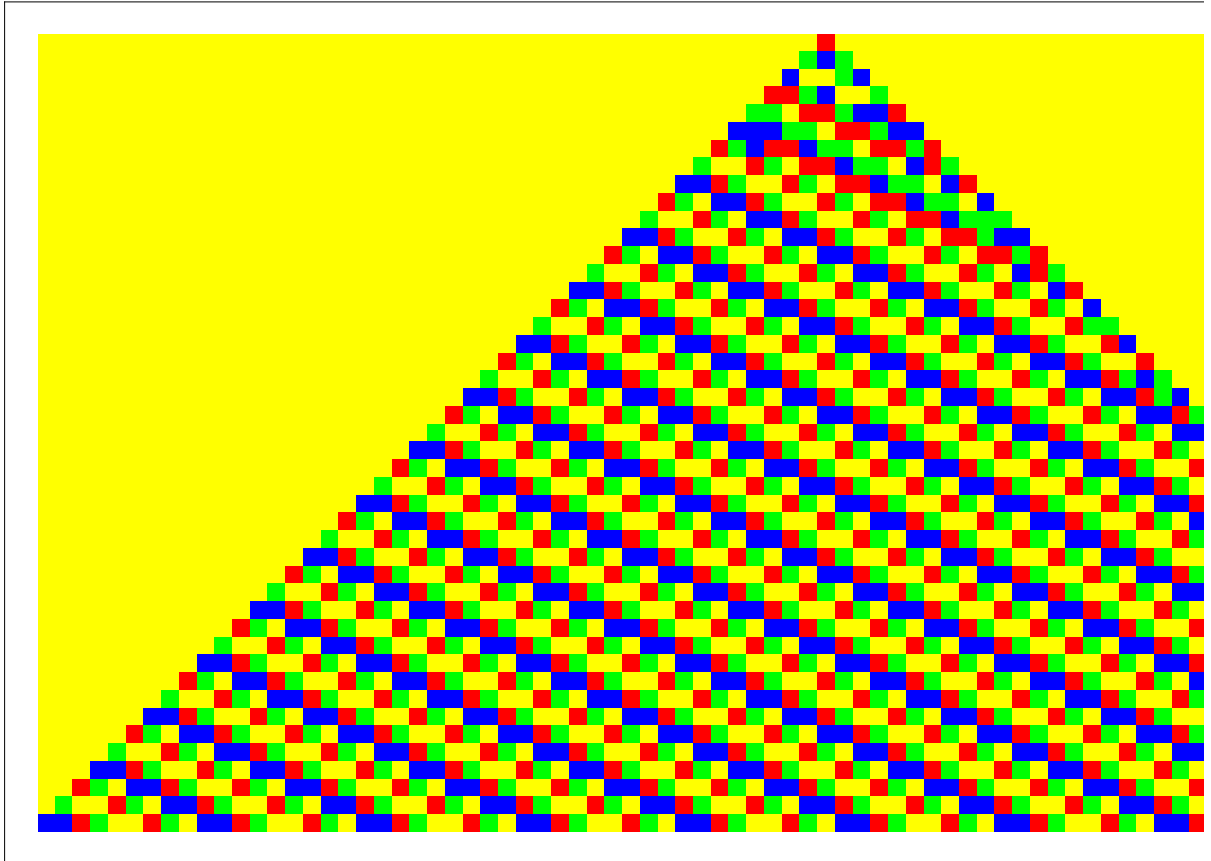


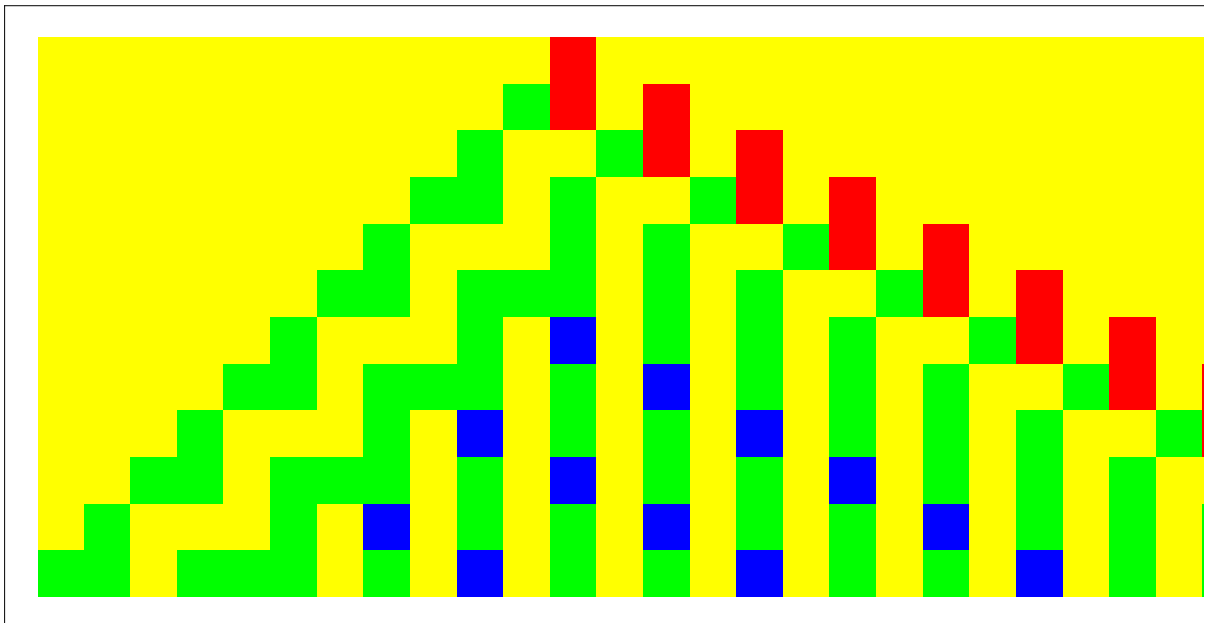
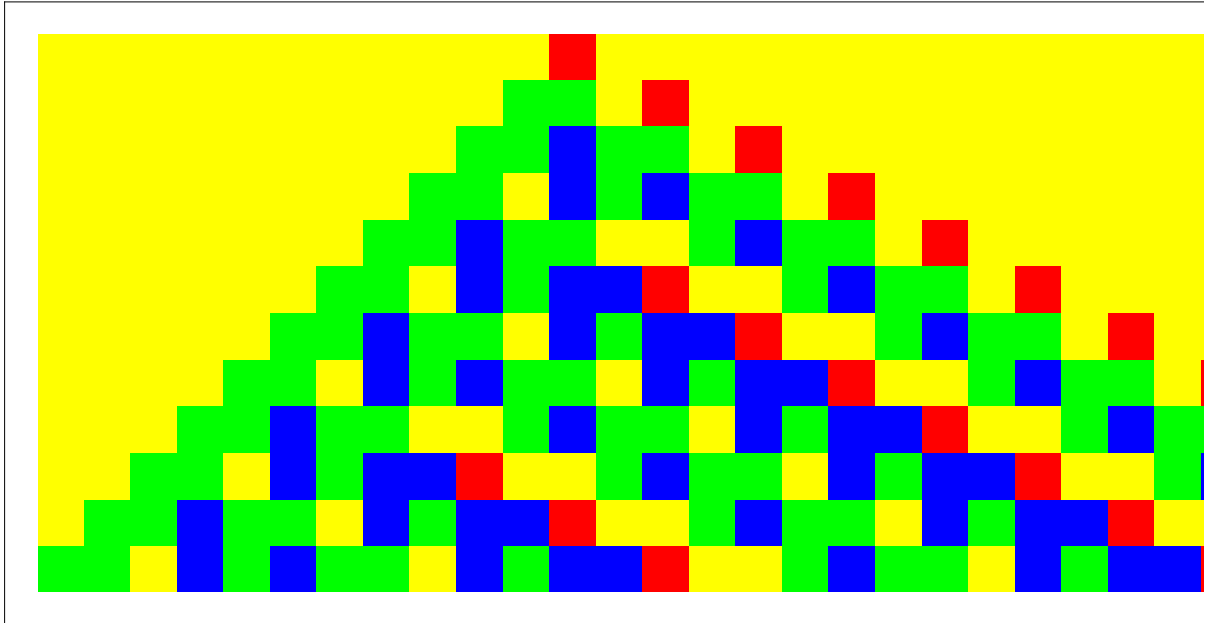


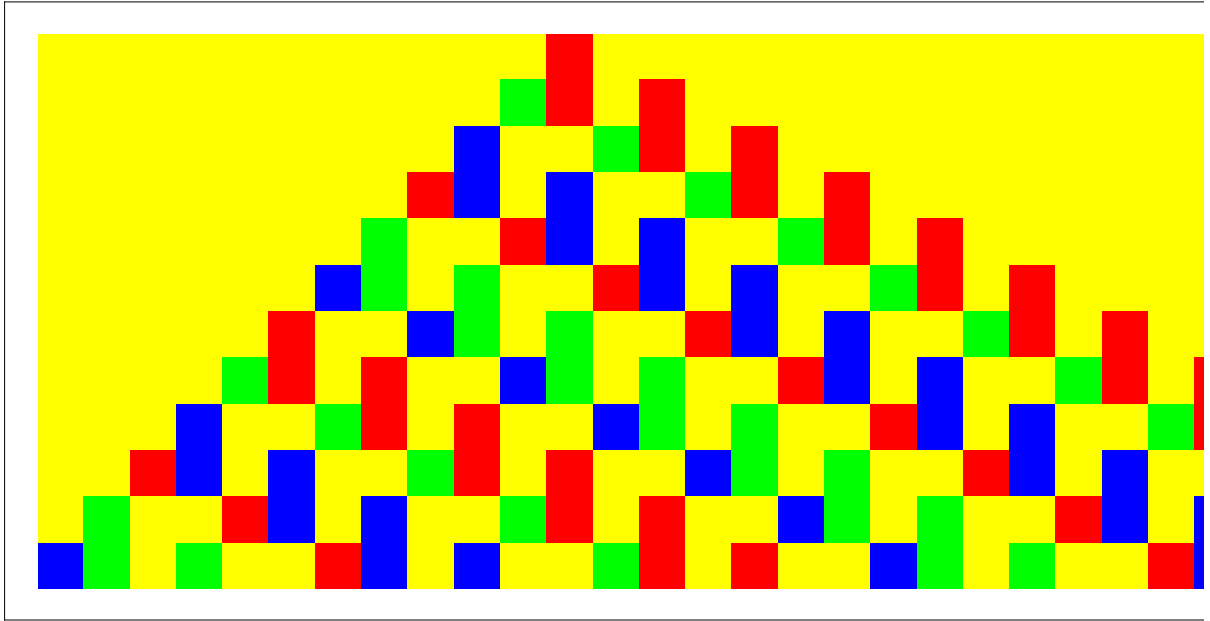


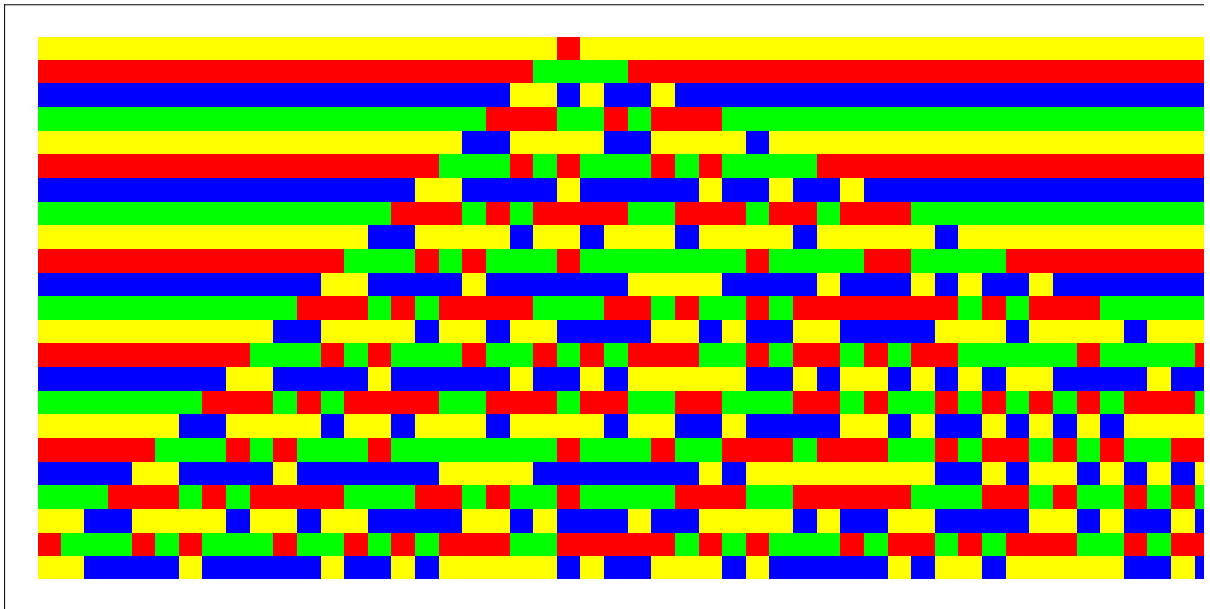
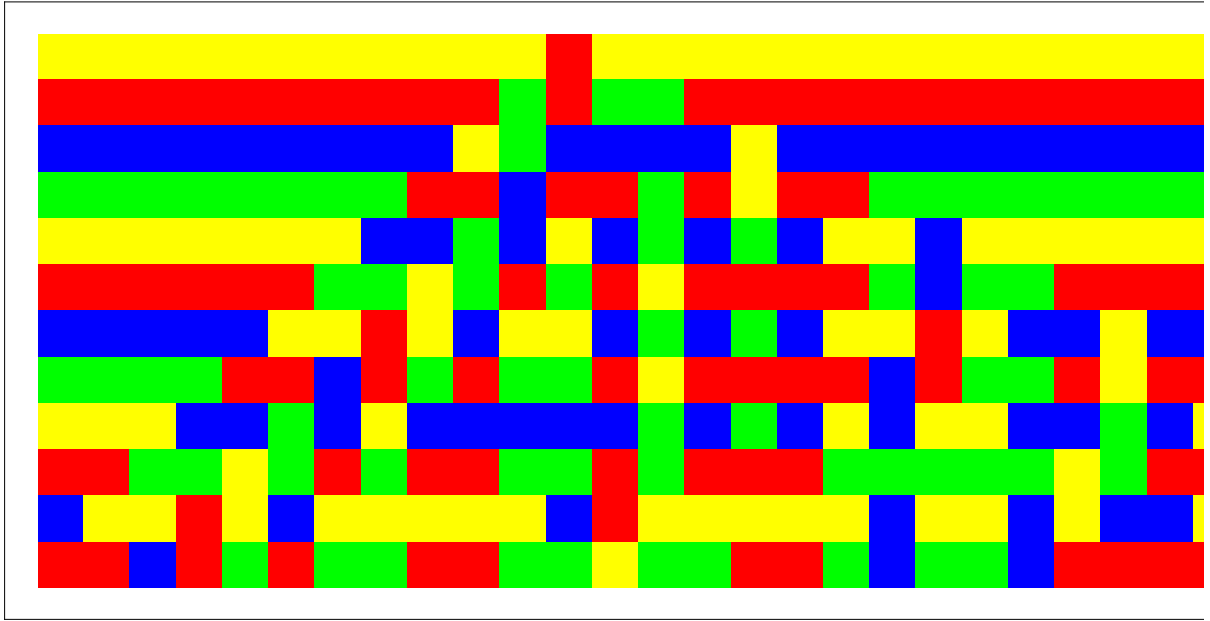


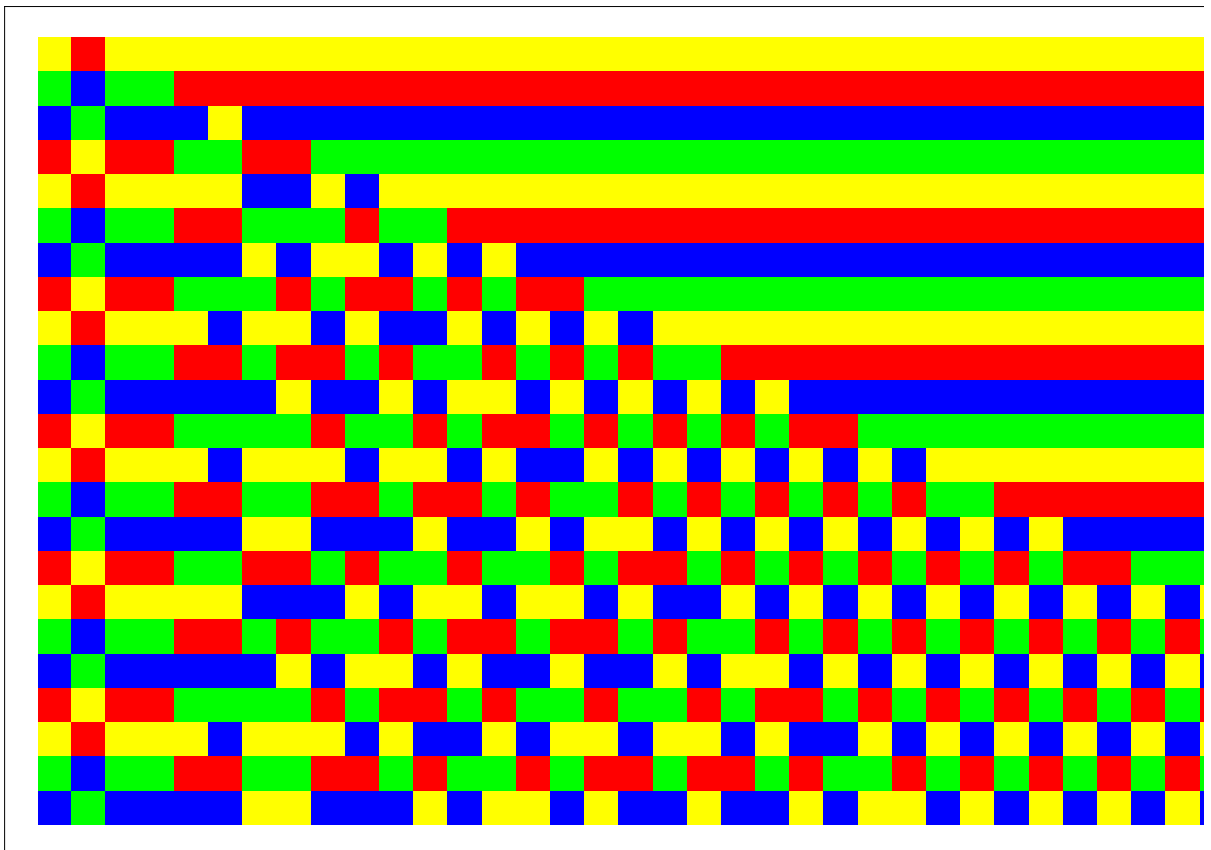
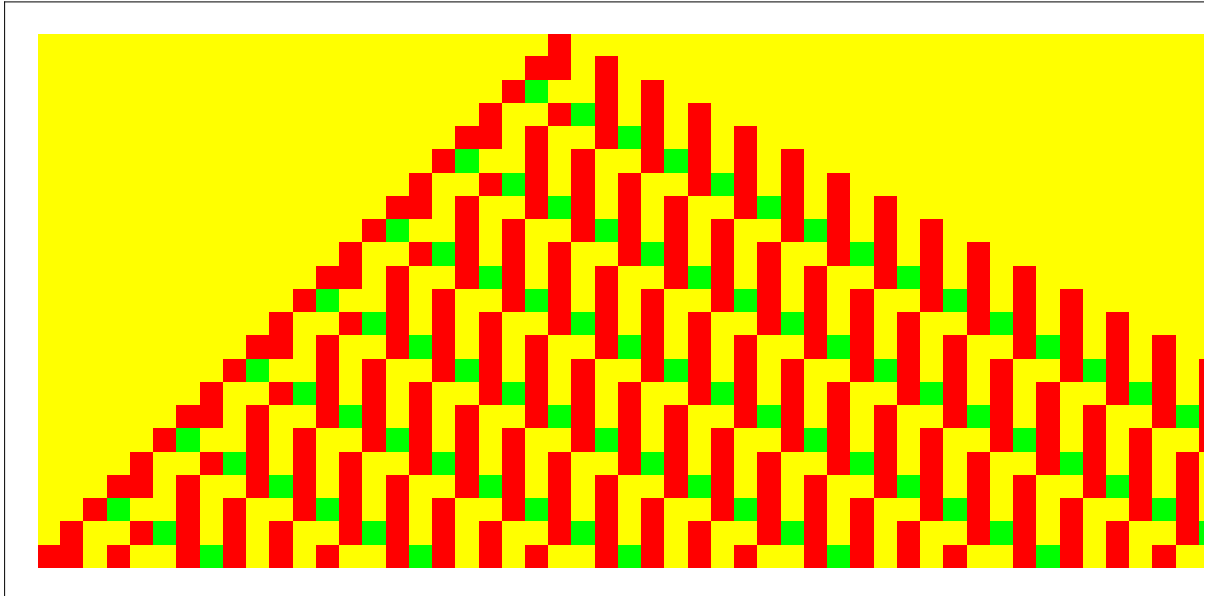


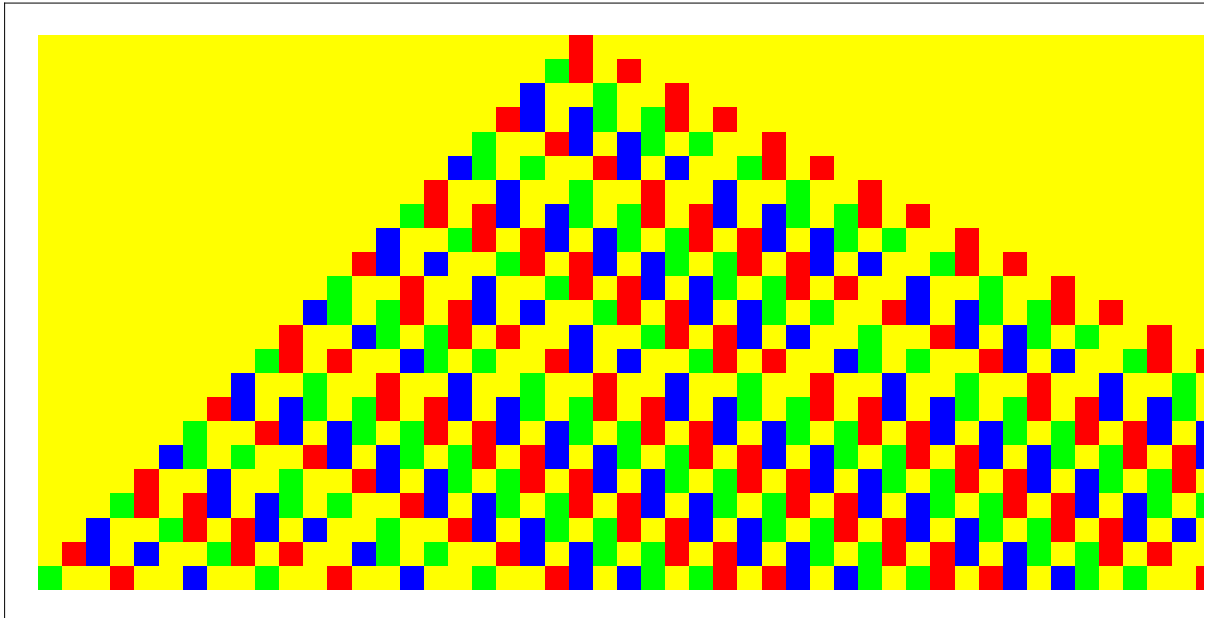
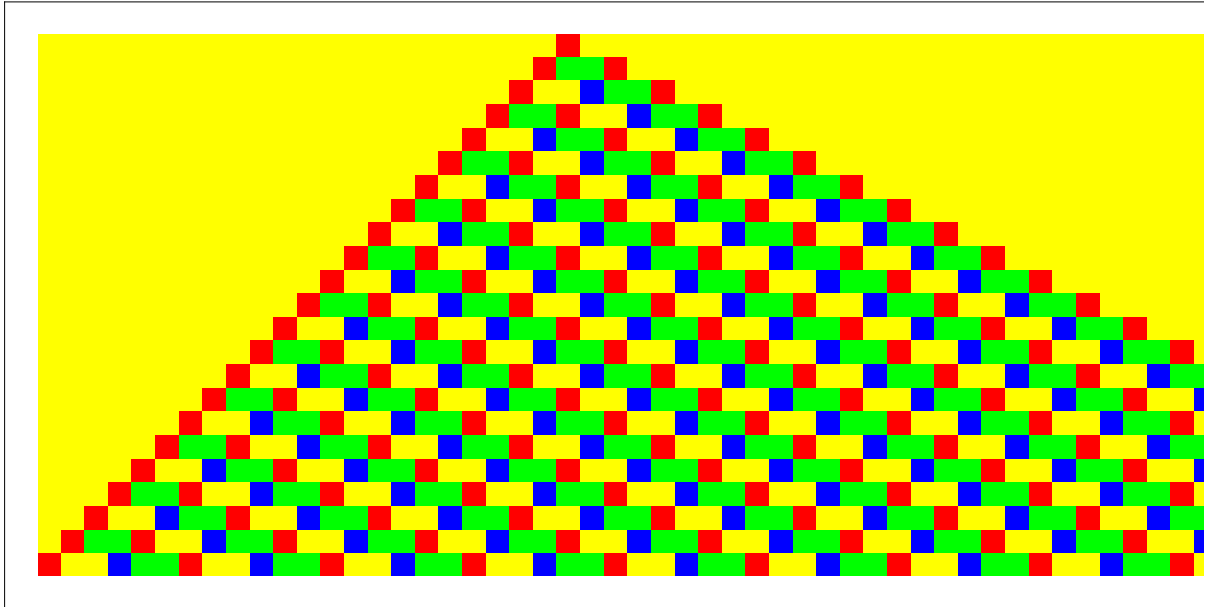


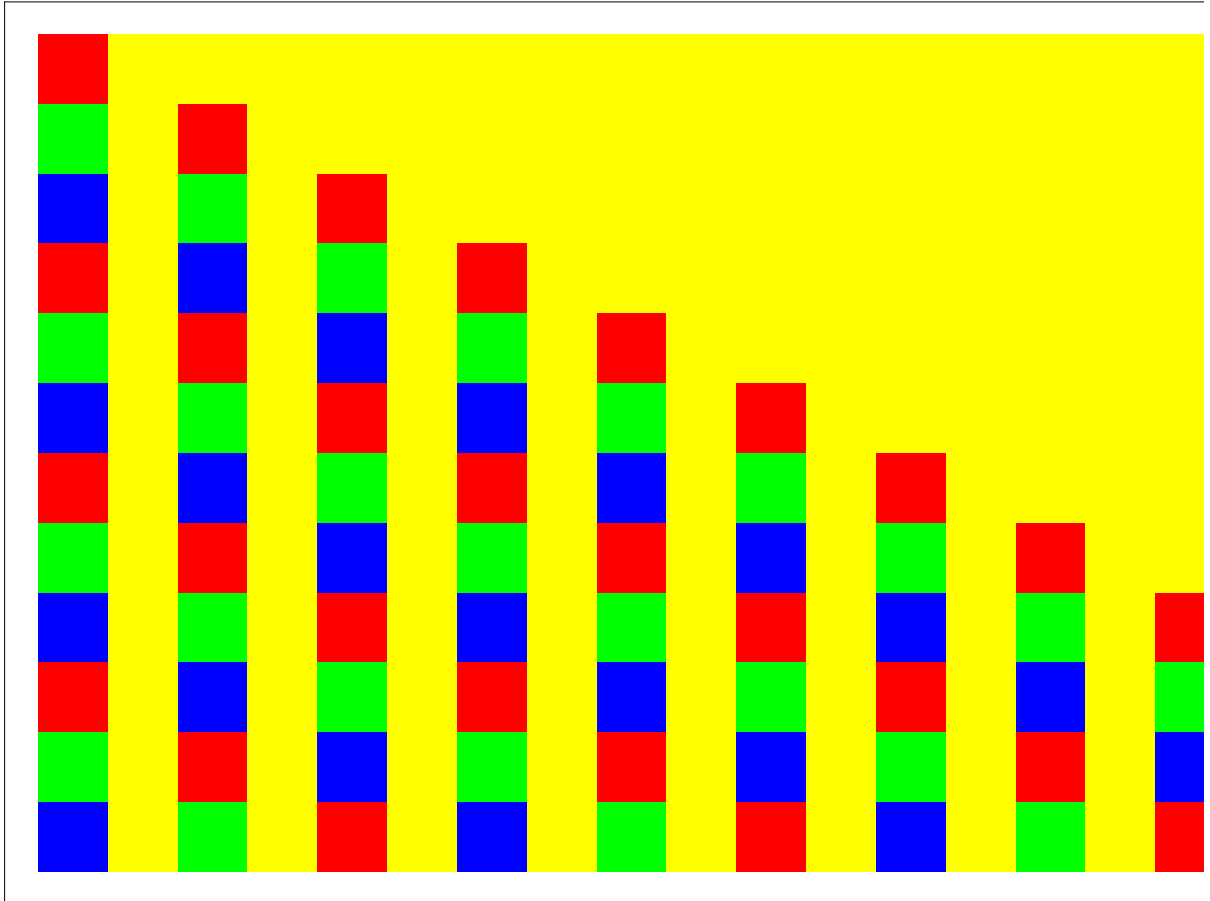


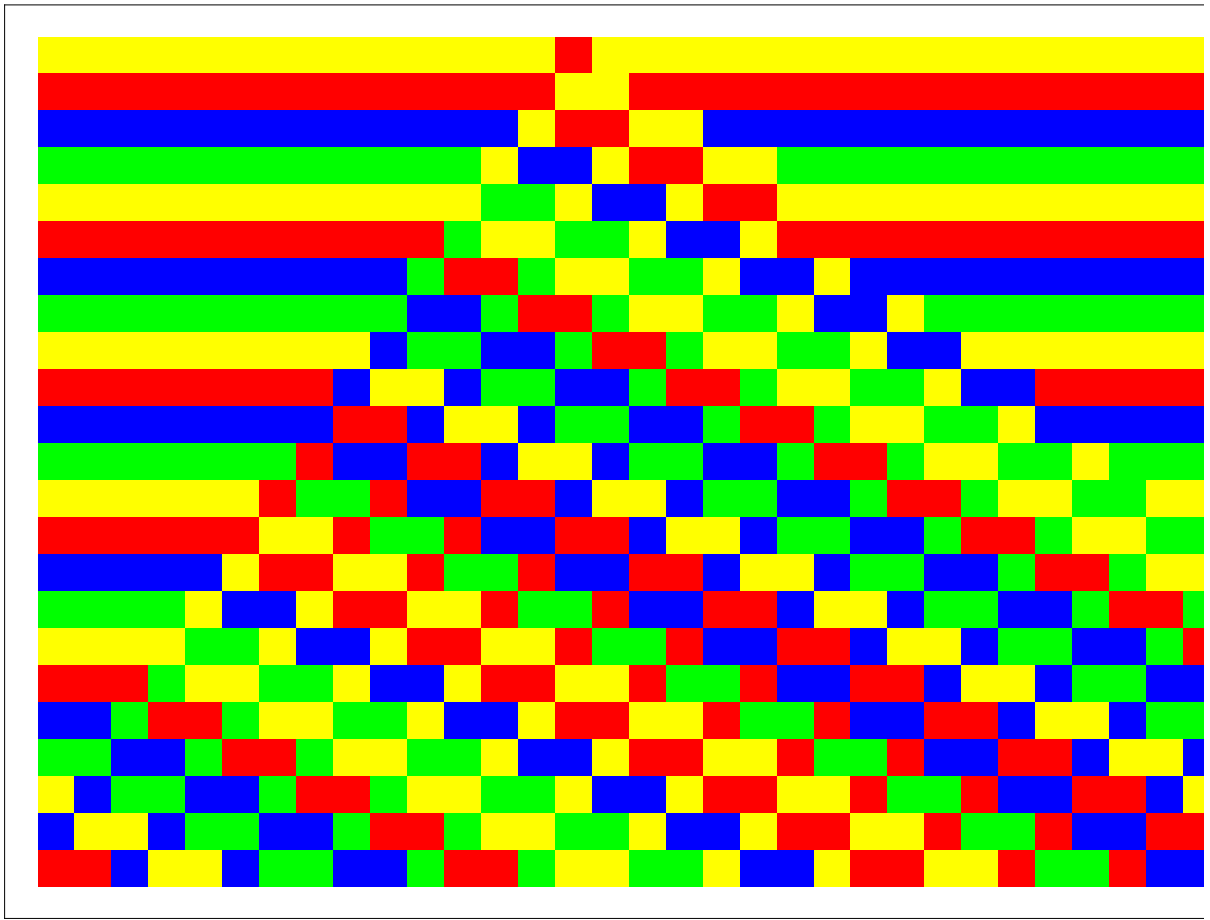












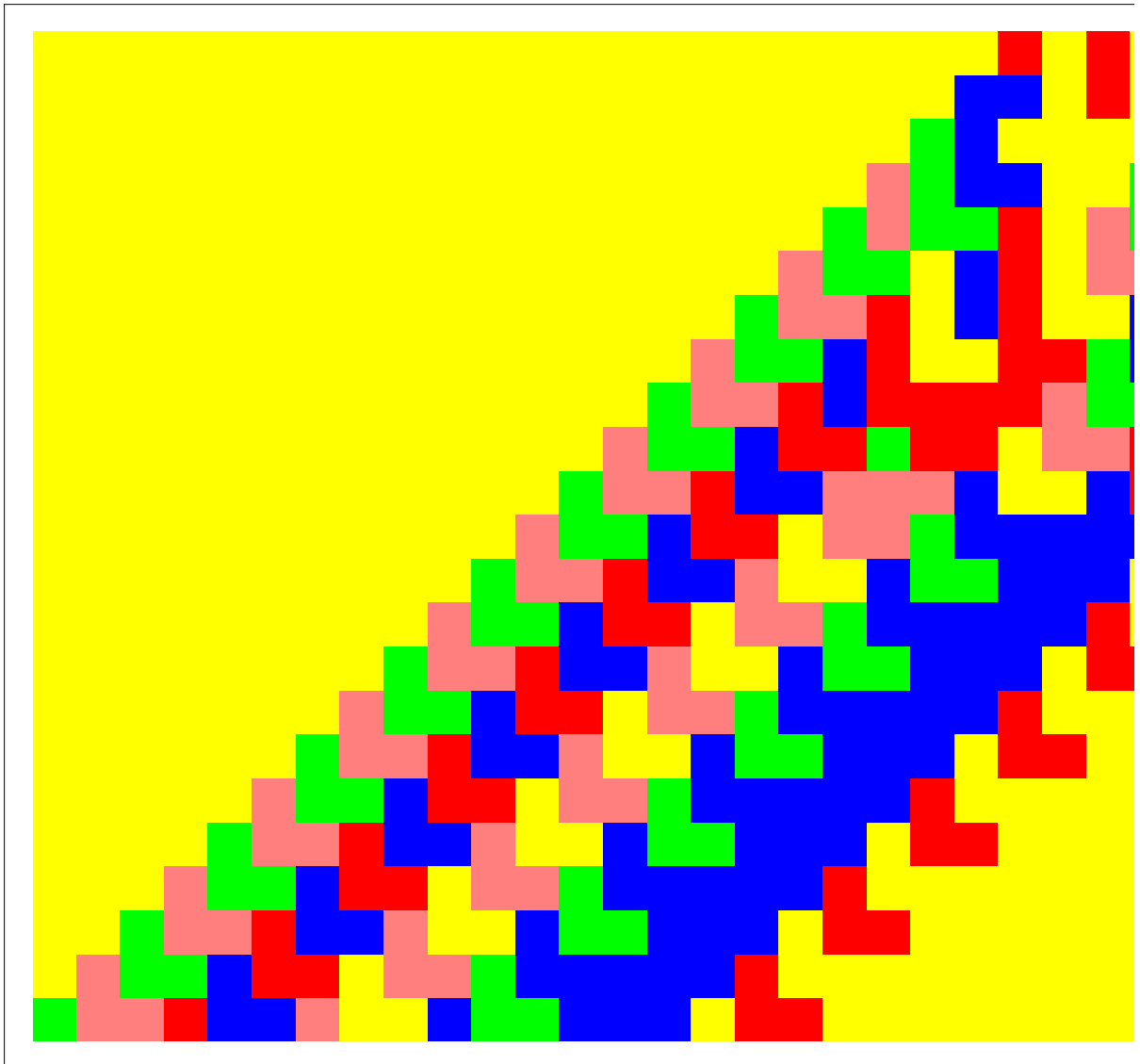
Claviature for morphoCA^(5,5,5), seed

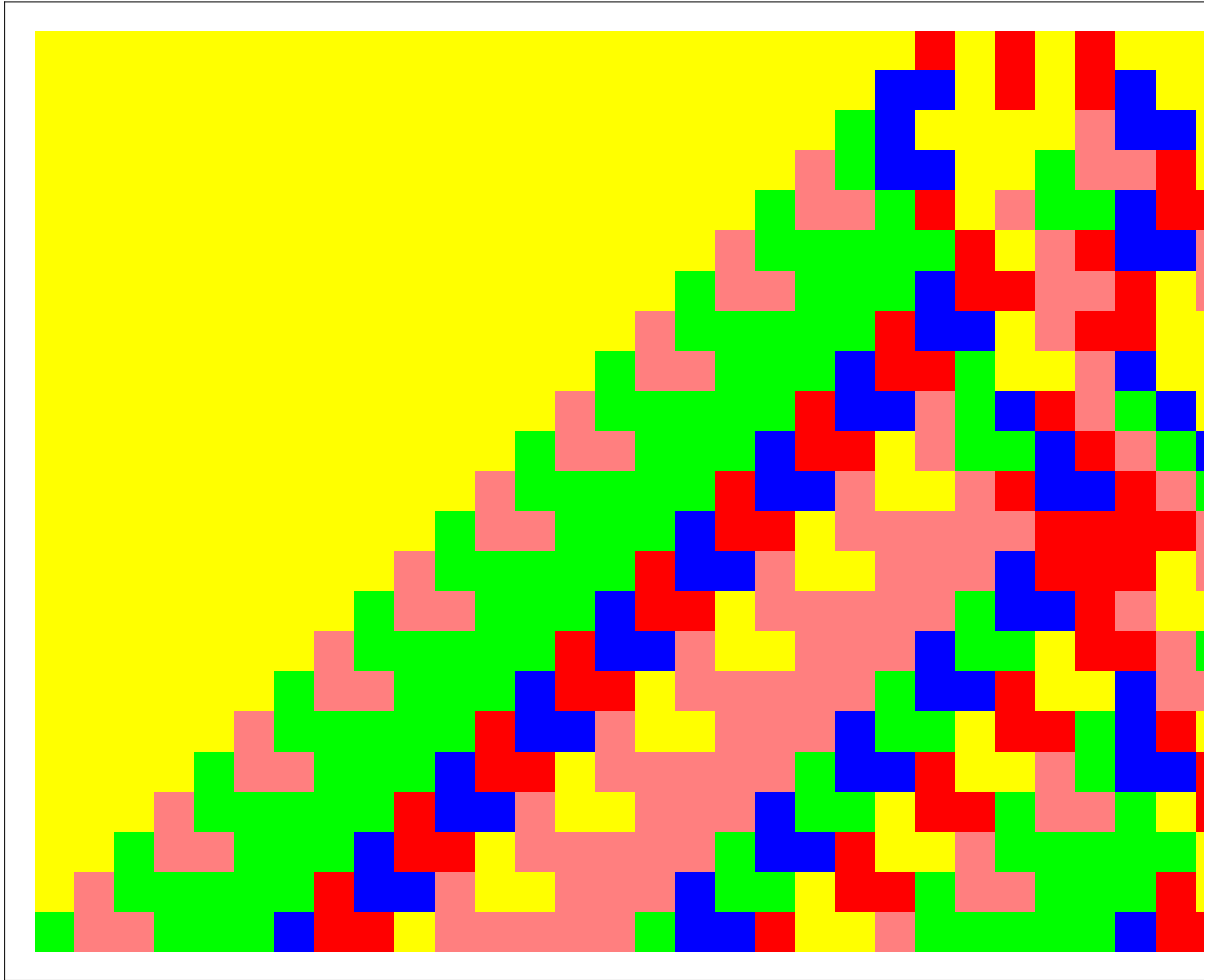
a	1111	1112			
b	1121	1122	1123		
c	1211	1212	1213		
d	1221	1222	1223		
e	2121	2122	2123		
f	2211	2212	2213		
g	2221	2222	2223		
h	2111	2112	2113		
i	2131	2132	2133	2134	
j	1231	1232	1233	1234	
k	2231	2232	2233	2234	
l	2311	2312	2313	2314	
m	2321	2322	2323	2324	
n	2331	2332	2333	2334	
o	2341	2342	2343	2344	2345

steps

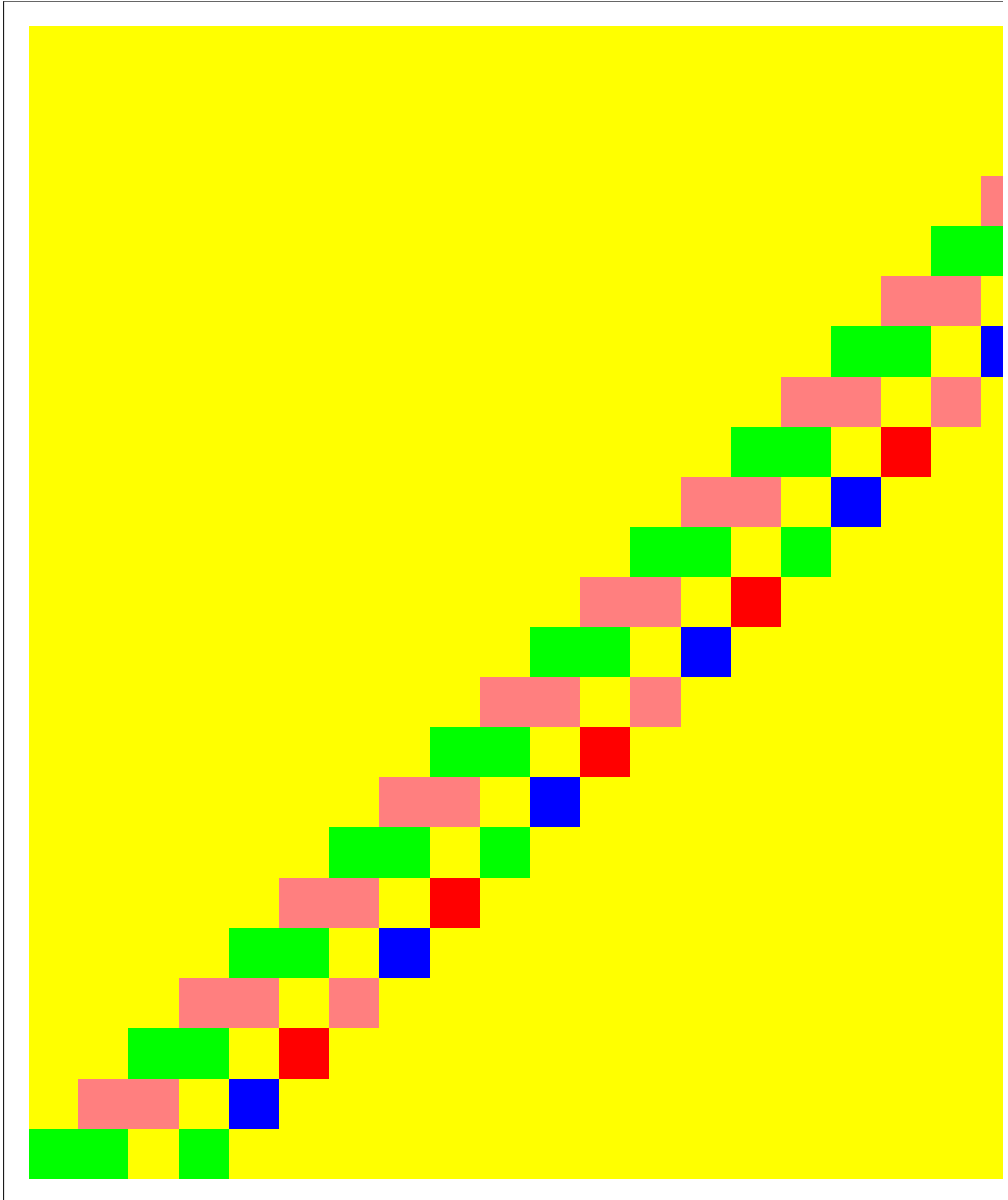
mesh

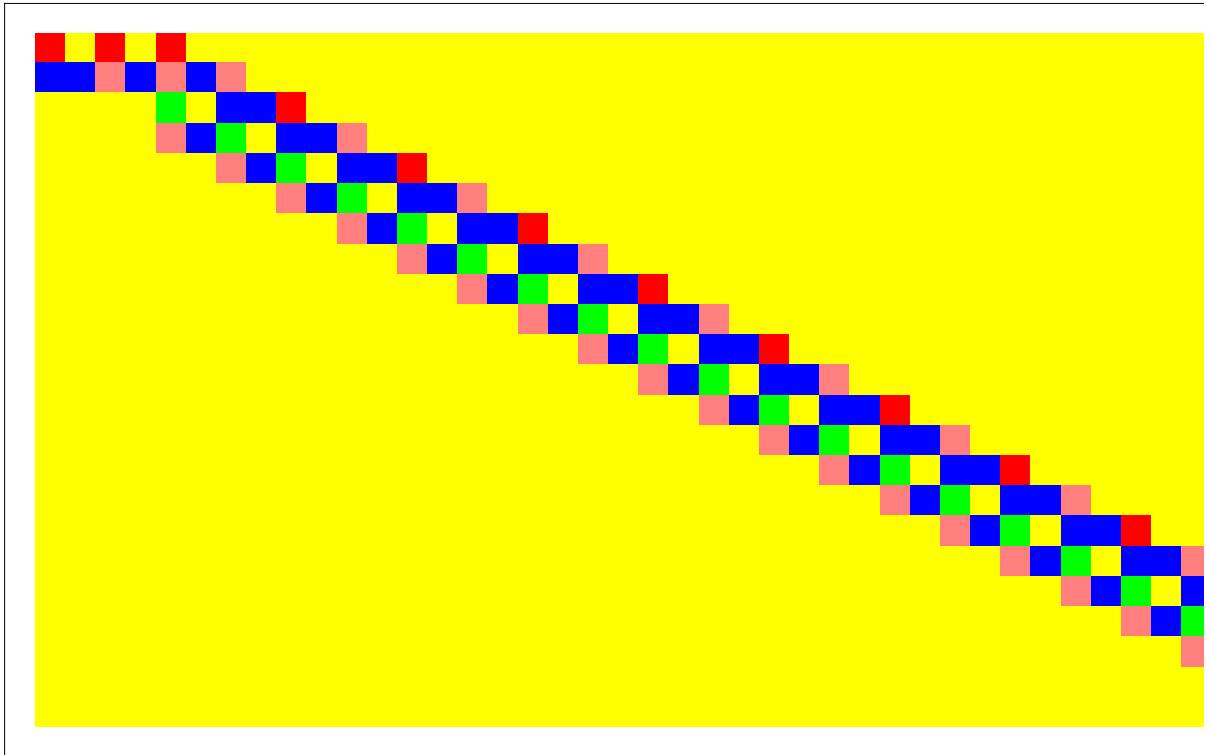
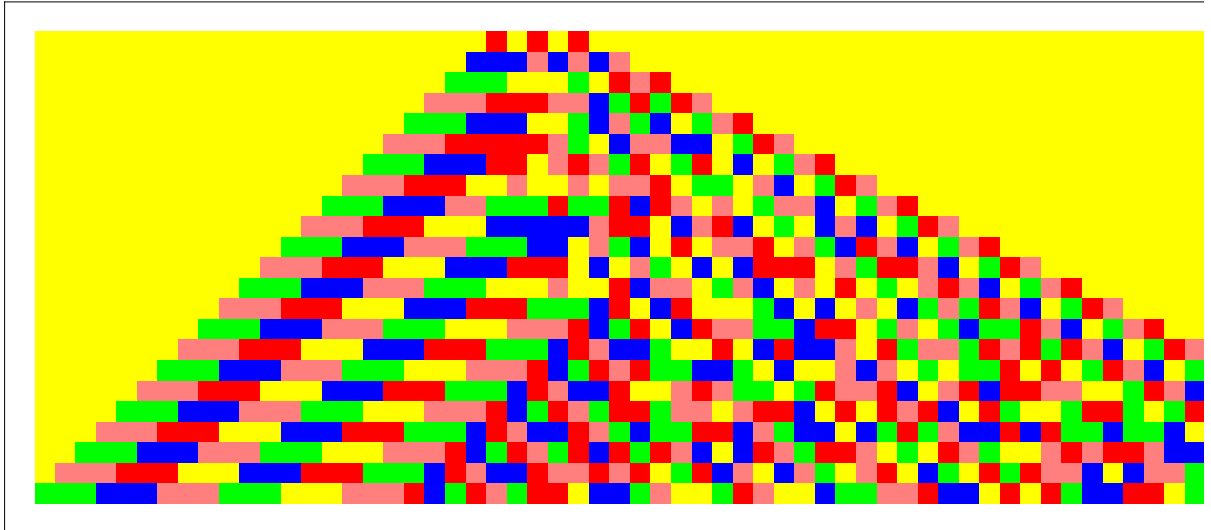
Catalog: Examples of ruleDCKV⁽⁵⁾, seed=3





1111, 1123, 1213, 1222, 2121, 2212, 2222,
 2113, 2133, 1232, 2234, 2313, 2322, 2332, 2342





Catalog: Visualizations of ruleDCKV⁽⁵⁾, seed=13

a	1111	1112			
b	1121	1122	1123		
c	1211	1212	1213		
d	1221	1222	1223		
e	2121	2122	2123		
f	2211	2212	2213		
g	2221	2222	2223		
h	2111	2112	2113		
i	2131	2132	2133	2134	
j	1231	1232	1233	1234	
k	2231	2232	2233	2234	
l	2311	2312	2313	2314	
m	2321	2322	2323	2324	
n	2331	2332	2333	2334	
o	2341	2342	2343	2344	2345

steps

mesh

