

Classification of Elementary Cellular Automata according to their calculated transition coefficients up to 400 steps in blocks of 30 for the first 50 initial conditions following a natural Gray code enumeration (Tables 17 and 18 from article should rather say: pics from random initial configurations). A measure of homogeneity and information transmission capability.

rule 22  C = 3.68	rule 151  C = 3.45	rule 109  C = 2.08	rule 73  C = 1.93	rule 133  C = 0.727	rule 124  C = 0.625	rule 94  C = 0.595	rule 193  C = 0.496
rule 120  C = 0.454	rule 183  C = 0.450	rule 106  C = 0.431	rule 54  C = 0.405	rule 110  C = 0.405	rule 225  C = 0.380	rule 97  C = 0.329	rule 137  C = 0.326
rule 169  C = 0.319	rule 41  C = 0.315	rule 121  C = 0.311	rule 147  C = 0.289	rule 182  C = 0.282	rule 161  C = 0.241	rule 129  C = 0.223	rule 218  C = 0.201
rule 87  C = 0.196	rule 119  C = 0.178	rule 122  C = 0.177	rule 63  C = 0.169	rule 222  C = 0.150	rule 31  C = 0.149	rule 107  C = 0.149	rule 191  C = 0.143
rule 247  C = 0.139	rule 21  C = 0.137	rule 146  C = 0.130	rule 7  C = 0.129	rule 175  C = 0.126	rule 165  C = 0.125	rule 241  C = 0.124	rule 248  C = 0.124
rule 171  C = 0.117	rule 245  C = 0.112	rule 195  C = 0.109	rule 153  C = 0.109	rule 77  C = 0.108	rule 167  C = 0.105	rule 35  C = 0.102	rule 39  C = 0.0986
rule 105  C = 0.0956	rule 202  C = 0.0955	rule 85  C = 0.0951	rule 216  C = 0.0934	rule 15  C = 0.0906	rule 185  C = 0.0857	rule 250  C = 0.0846	rule 50  C = 0.0838
rule 178  C = 0.0836	rule 141  C = 0.0812	rule 211  C = 0.0800	rule 115  C = 0.0799	rule 43  C = 0.0756	rule 81  C = 0.0751	rule 18  C = 0.0731	rule 158  C = 0.0722
rule 65  C = 0.0722	rule 181  C = 0.0714	rule 242  C = 0.0699	rule 49  C = 0.0690	rule 220  C = 0.0663	rule 229  C = 0.0661	rule 215  C = 0.0659	rule 59  C = 0.0658
rule 47  C = 0.0657	rule 159  C = 0.0650	rule 125  C = 0.0648	rule 90  C = 0.0647	rule 61  C = 0.0647	rule 243  C = 0.0645	rule 126  C = 0.0634	rule 227  C = 0.0620
rule 83  C = 0.0620	rule 214  C = 0.0602	rule 62  C = 0.0563	rule 82  C = 0.0559	rule 190  C = 0.0556	rule 53  C = 0.0547	rule 113  C = 0.0544	rule 3  C = 0.0520
rule 60  C = 0.0512	rule 155  C = 0.0509	rule 186  C = 0.0509	rule 17  C = 0.0505	rule 102  C = 0.0502	rule 150  C = 0.0495	rule 28  C = 0.0493	rule 173  C = 0.0470
rule 13  C = 0.0455	rule 11  C = 0.0439	rule 187  C = 0.0432	rule 26  C = 0.0424	rule 131  C = 0.0409	rule 231  C = 0.0387	rule 206  C = 0.0386	rule 118  C = 0.0377
rule 103  C = 0.0375	rule 197  C = 0.0373	rule 117  C = 0.0372	rule 58  C = 0.0362	rule 45  C = 0.0360	rule 156  C = 0.0349	rule 93  C = 0.0320	rule 9  C = 0.0318
rule 199  C = 0.0310	rule 179  C = 0.0302	rule 189  C = 0.0281	rule 154  C = 0.0278	rule 67  C = 0.0272	rule 210  C = 0.0259	rule 234  C = 0.0252	rule 246  C = 0.0234
rule 69  C = 0.0233	rule 209  C = 0.0223	rule 75  C = 0.0218	rule 25  C = 0.0214	rule 114  C = 0.0212	rule 79  C = 0.0204	rule 157  C = 0.0191	rule 111  C = 0.0185
rule 27  C = 0.0174	rule 145  C = 0.0174	rule 101  C = 0.0173	rule 92  C = 0.0163	rule 139  C = 0.0153	rule 163  C = 0.0135	rule 149  C = 0.00888	rule 213  C = 0.00515
rule 198  C = 0.00377	rule 89  C = 0.00184	rule 143  C = 0.00151	rule 177  C = 0.000680	rule 78  C = -0.000677	rule 70  C = -0.00231	rule 255  C = -0.00271	rule 0  C = -0.00280
rule 239  C = -0.00325	rule 205  C = -0.00343	rule 207  C = -0.00391	rule 127  C = -0.00408	rule 204  C = -0.00418	rule 253  C = -0.00423	rule 160  C = -0.00443	rule 223  C = -0.00446
rule 1  C = -0.00455	rule 4  C = -0.00468	rule 236  C = -0.00485	rule 237  C = -0.00493	rule 128  C = -0.00500	rule 68  C = -0.00507	rule 221  C = -0.00515	rule 76  C = -0.00524
rule 251  C = -0.00540	rule 32  C = -0.00547	rule 232  C = -0.00555	rule 64  C = -0.00557	rule 12  C = -0.00565	rule 72  C = -0.00575	rule 95  C = -0.00592	rule 30  C = -0.00607
rule 51  C = -0.00608	rule 8  C = -0.00611	rule 132  C = -0.00612	rule 71  C = -0.00614	rule 252  C = -0.00620	rule 238  C = -0.00625	rule 200  C = -0.00646	rule 219  C = -0.00650
rule 55  C = -0.00652	rule 240  C = -0.00665	rule 36  C = -0.00713	rule 5  C = -0.00718	rule 188  C = -0.00726	rule 136  C = -0.00730	rule 164  C = -0.00736	rule 140  C = -0.00737
rule 108  C = -0.00769	rule 19  C = -0.00773	rule 23  C = -0.00776	rule 254  C = -0.00777	rule 168  C = -0.00786	rule 96  C = -0.00792	rule 196  C = -0.00796	rule 224  C = -0.00797
rule 235  C = -0.00798	rule 249  C = -0.00800	rule 201  C = -0.00812	rule 135  C = -0.00830	rule 40  C = -0.00836	rule 44  C = -0.00846	rule 230  C = -0.00849	rule 123  C = -0.00853
rule 16  C = -0.00859	rule 172  C = -0.00863	rule 112  C = -0.00870	rule 57  C = -0.00881	rule 228  C = -0.00887	rule 176  C = -0.00889	rule 244  C = -0.00896	rule 116  C = -0.00903
rule 100  C = -0.00909	rule 33  C = -0.00926	rule 192  C = -0.00947	rule 29  C = -0.00951	rule 203  C = -0.00967	rule 217  C = -0.00982	rule 52  C = -0.0100	rule 104  C = -0.0102
rule 48  C = -0.0104	rule 144  C = -0.0106	rule 233  C = -0.0106	rule 80  C = -0.0118	rule 208  C = -0.0118	rule 10  C = -0.0120	rule 162  C = -0.0122	rule 2  C = -0.0123
rule 174  C = -0.0127	rule 99  C = -0.0131	rule 170  C = -0.0132	rule 24  C = -0.0133	rule 46  C = -0.0134	rule 148  C = -0.0138	rule 42  C = -0.0138	rule 56  C = -0.0144
rule 130  C = -0.0146	rule 152  C = -0.0148	rule 180  C = -0.0150	rule 66  C = -0.0155	rule 38  C = -0.0156	rule 20  C = -0.0163	rule 98  C = -0.0165	rule 226  C = -0.0166
rule 34  C = -0.0166	rule 14  C = -0.0169	rule 184  C = -0.0172	rule 138  C = -0.0174	rule 84  C = -0.0182	rule 166  C = -0.0187	rule 134  C = -0.0199	rule 194  C = -0.0200
rule 212  C = -0.0202	rule 142  C = -0.0209	rule 6  C = -0.0213	rule 88  C = -0.0216	rule 74  C = -0.0257	rule 86  C = -0.0258	rule 37  C = -0.0412	rule 91  C = -0.0434

Out[22]=