

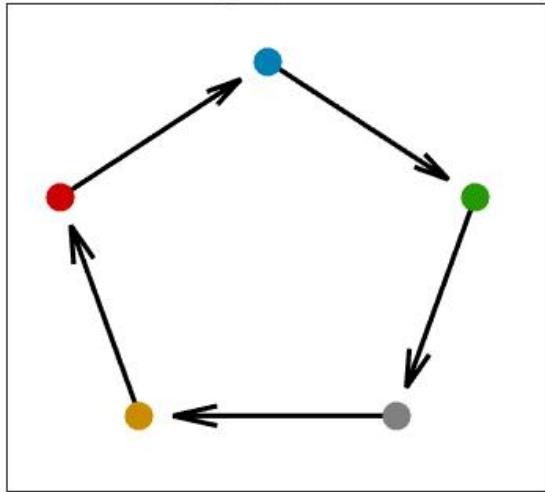
Attractors of n=5 motif equivalence class (mEC) representatives

- Dynamic attractors pooled across 103 mECs representing 1053 graphs.
- For the CTLN parameters $\text{eps} = .51$, $\delta = 1.76$ we identified 145 dynamic attractors by pooling together distinct attractors within each mEC.
- We also include three “special attractors” at the end for different parameters.

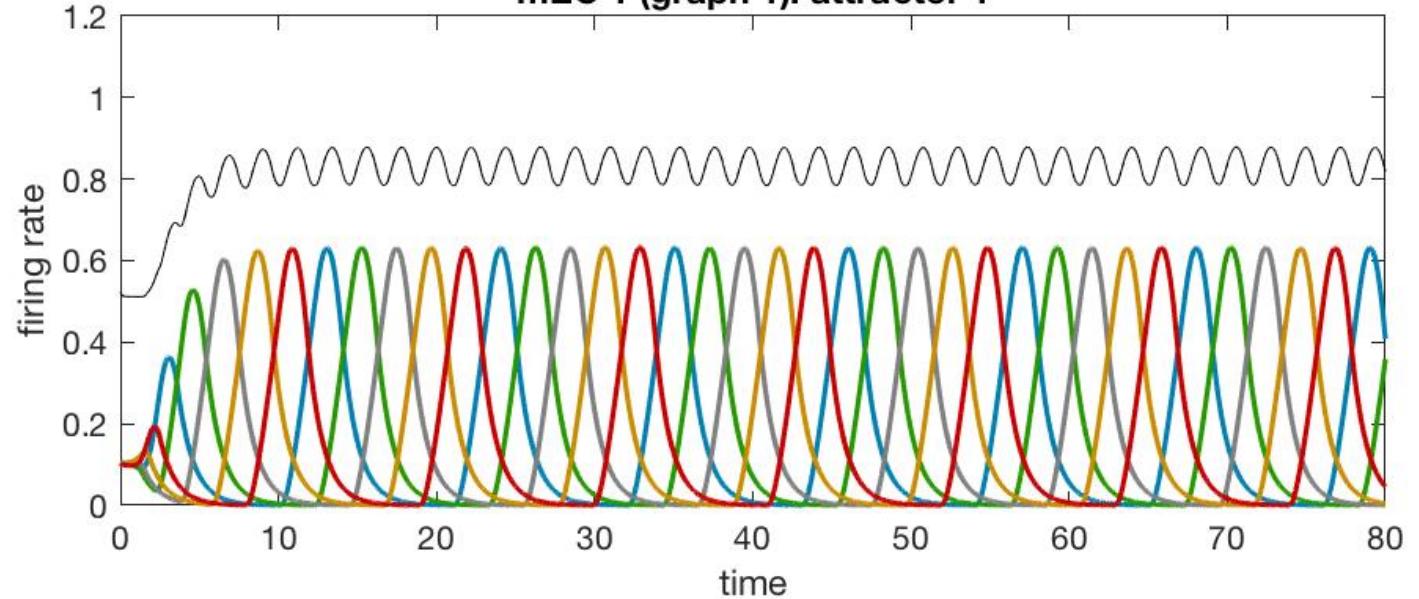
Created by Carina Curto and Katherine Morrison (PIs) in collaboration with Caitlyn Parmelee, Sumita Garai, and Joshua Paik. August 16, 2020.

mEC 1

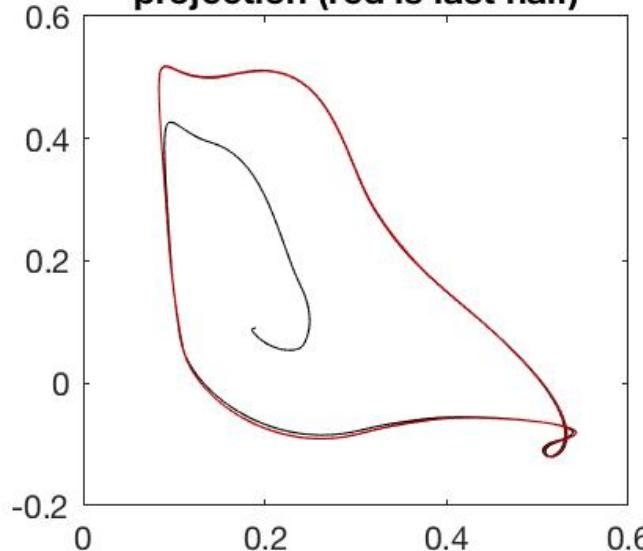
graph 1



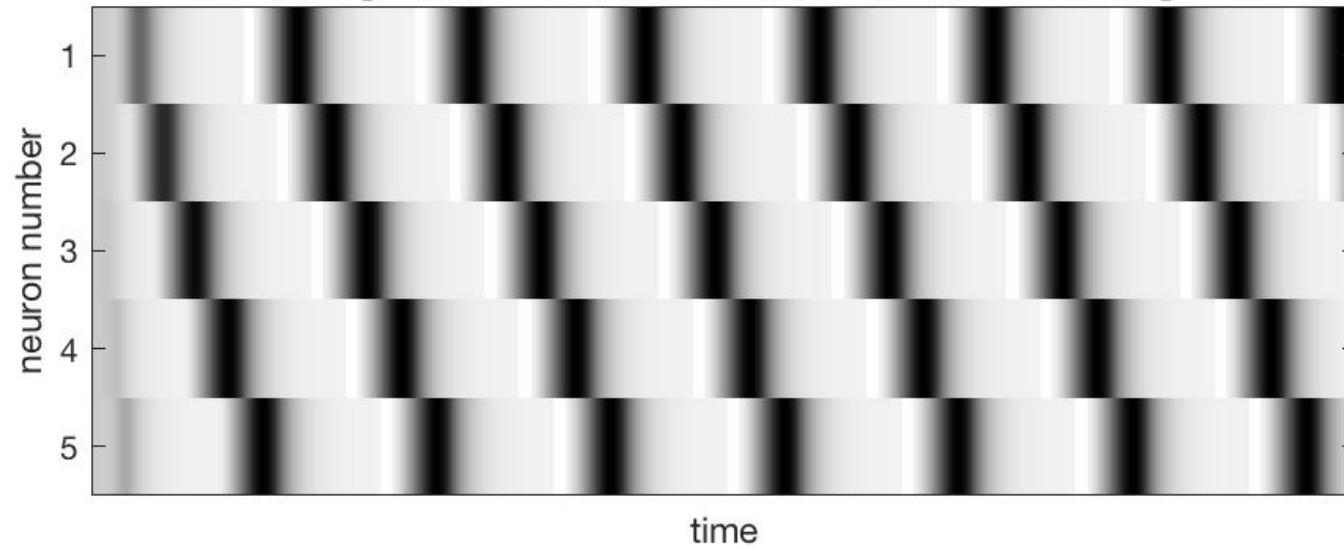
mEC 1 (graph 1): attractor 1



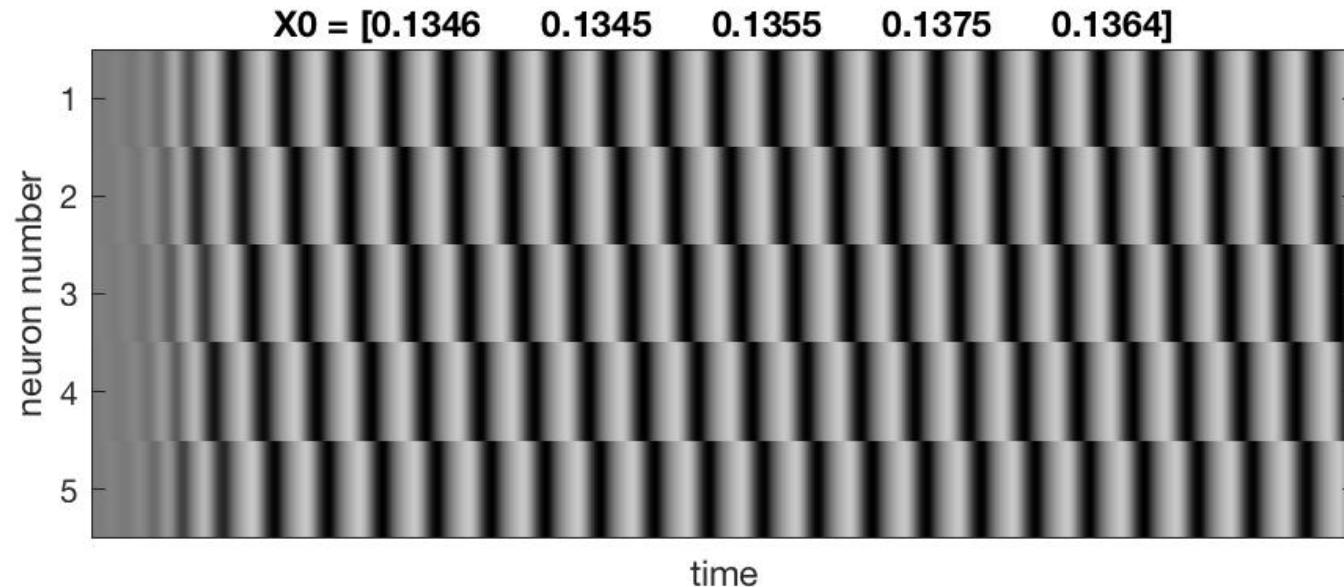
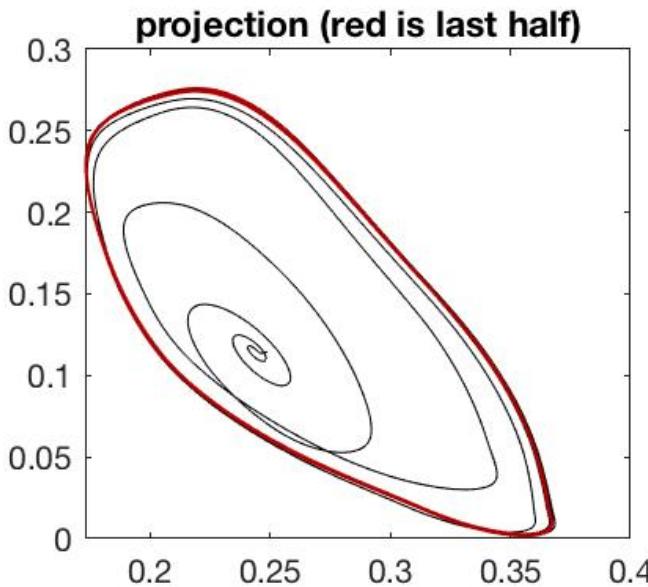
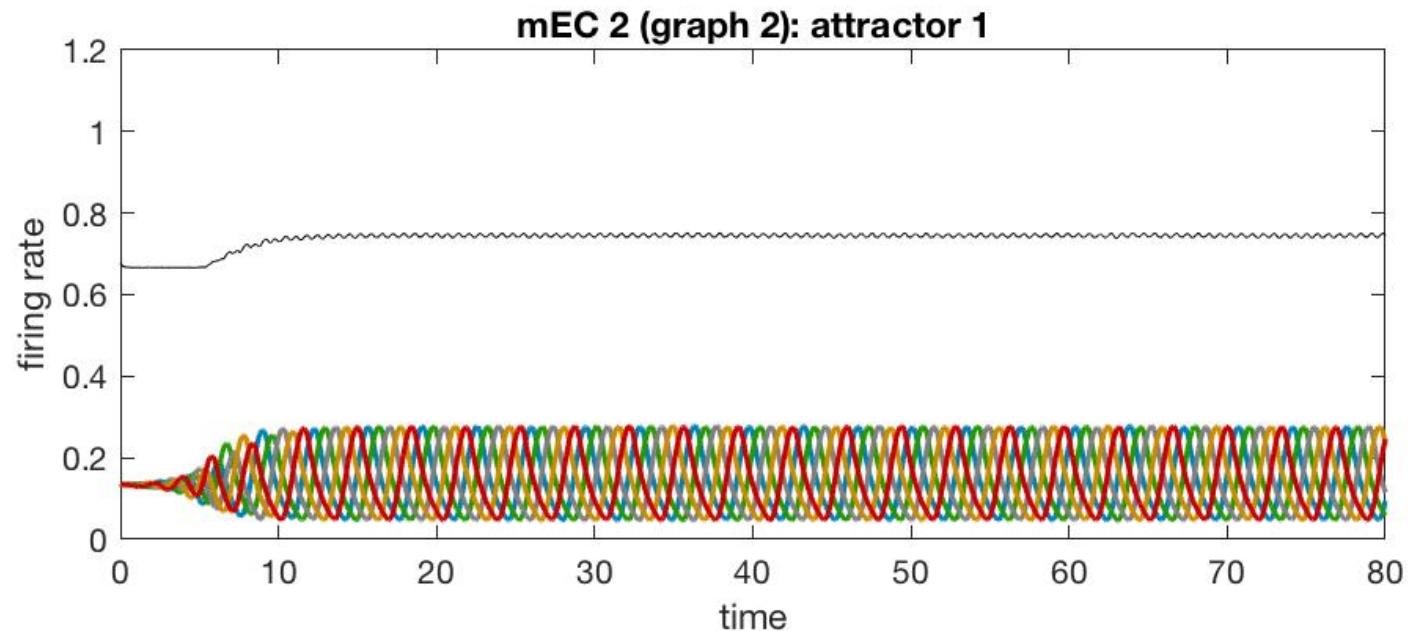
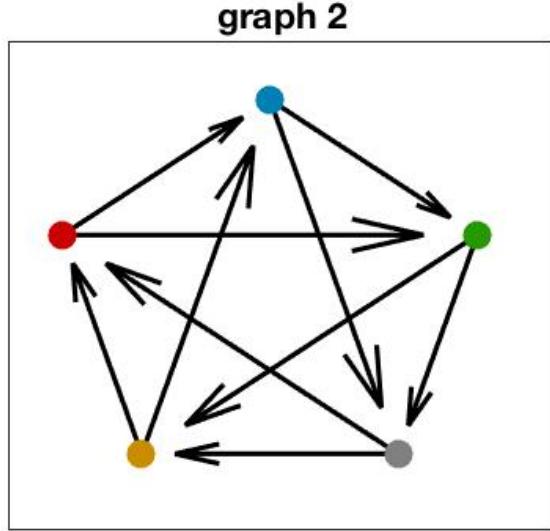
projection (red is last half)



$X_0 = [0.1068 \quad 0.1034 \quad 0.1058 \quad 0.1039 \quad 0.1025]$

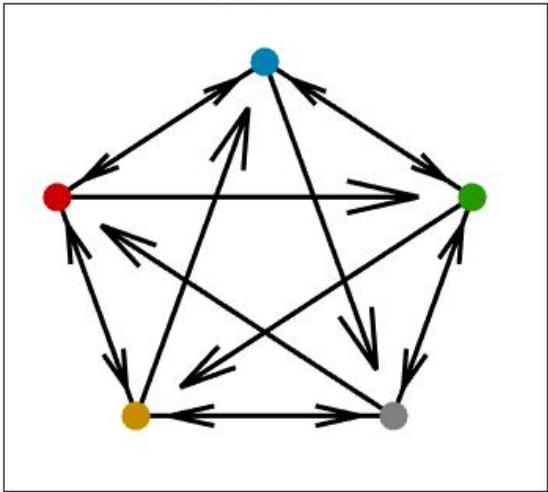


mEC 2

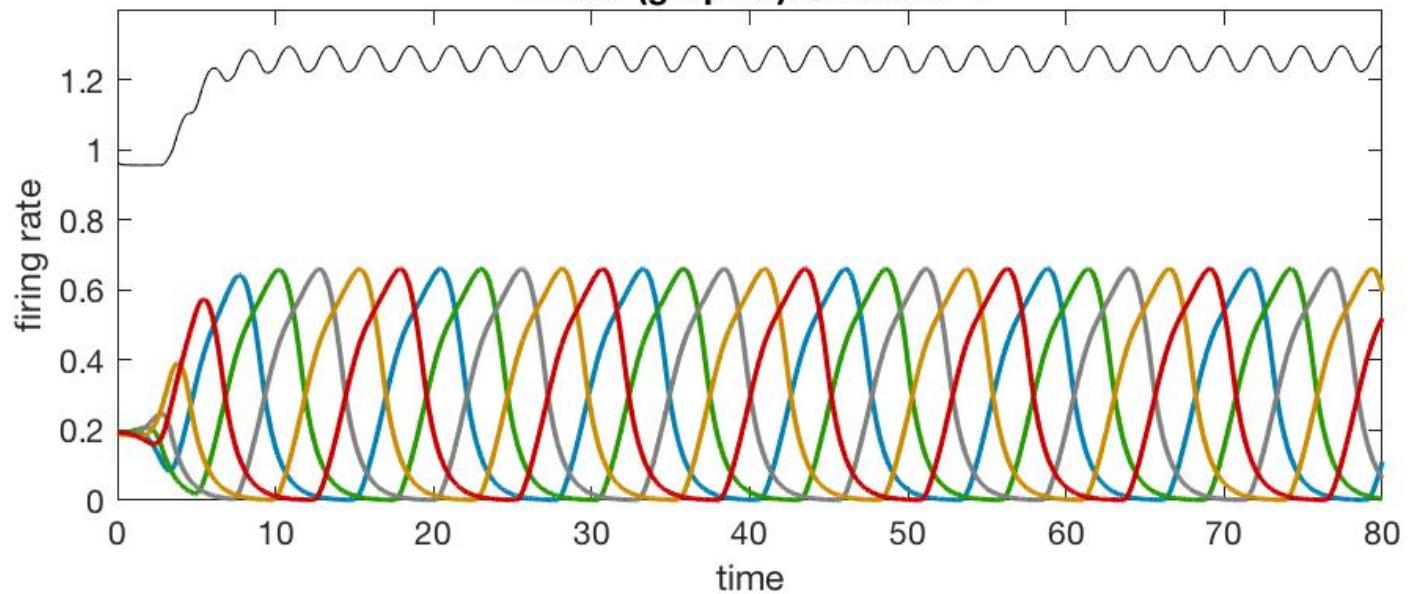


mEC 3

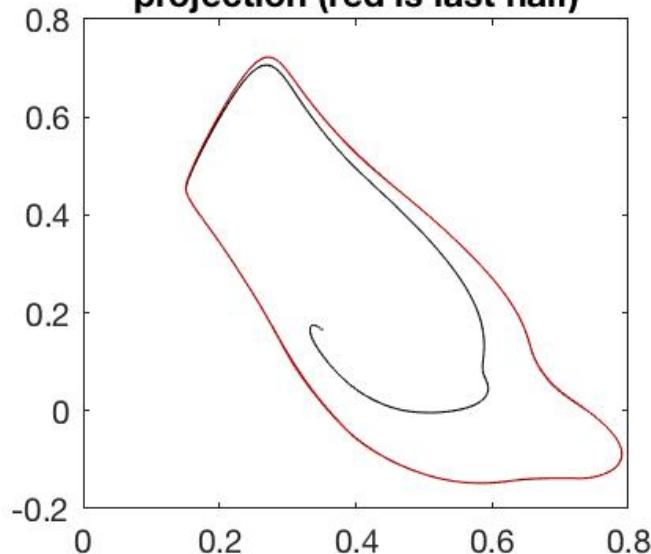
graph 3



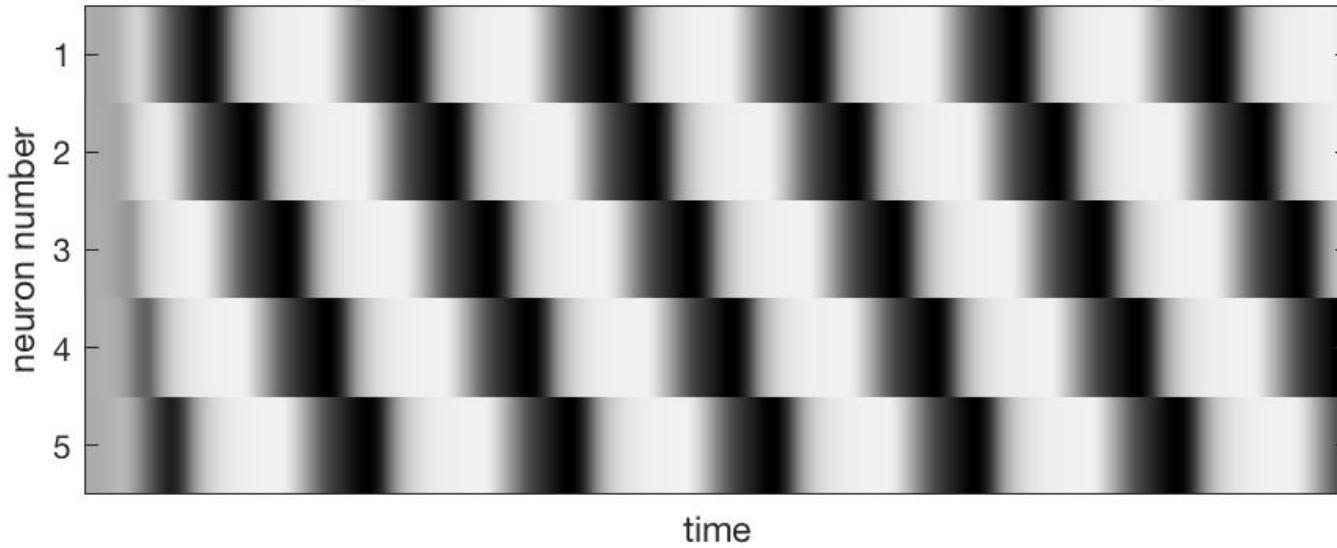
mEC 3 (graph 3): attractor 1



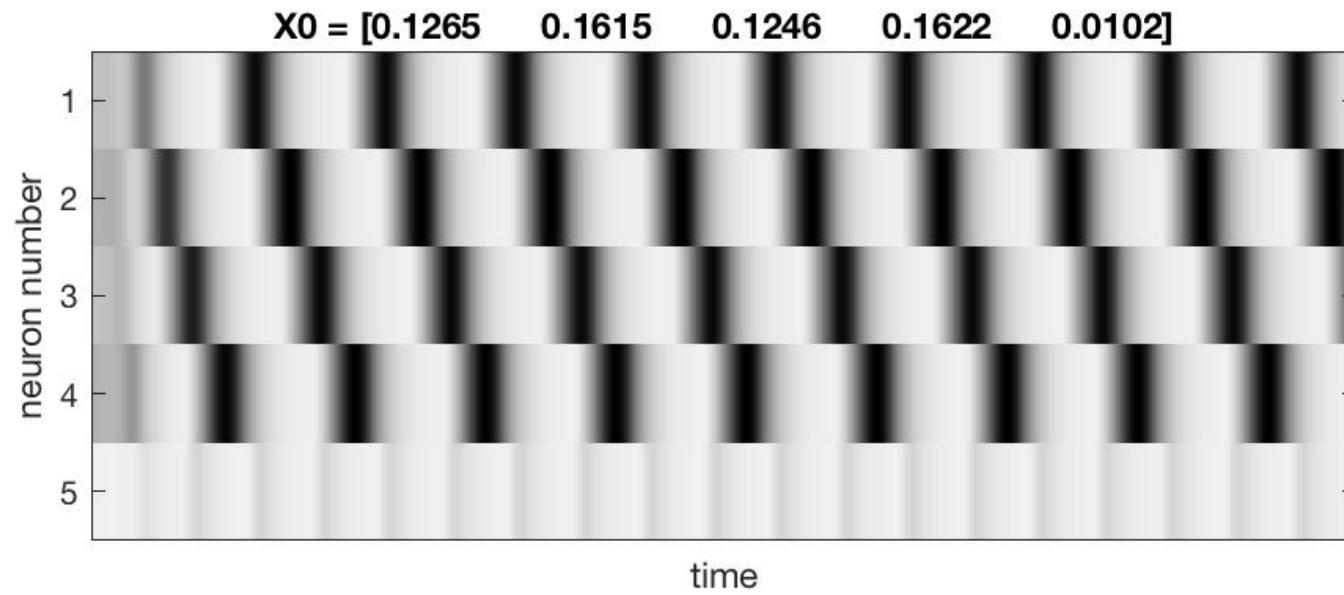
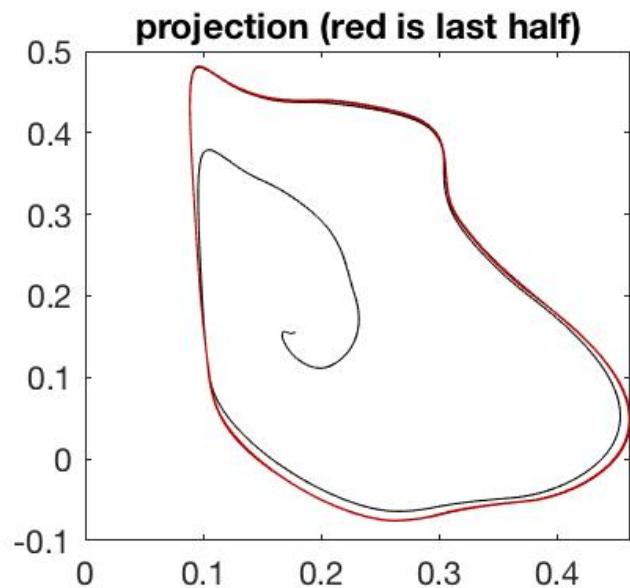
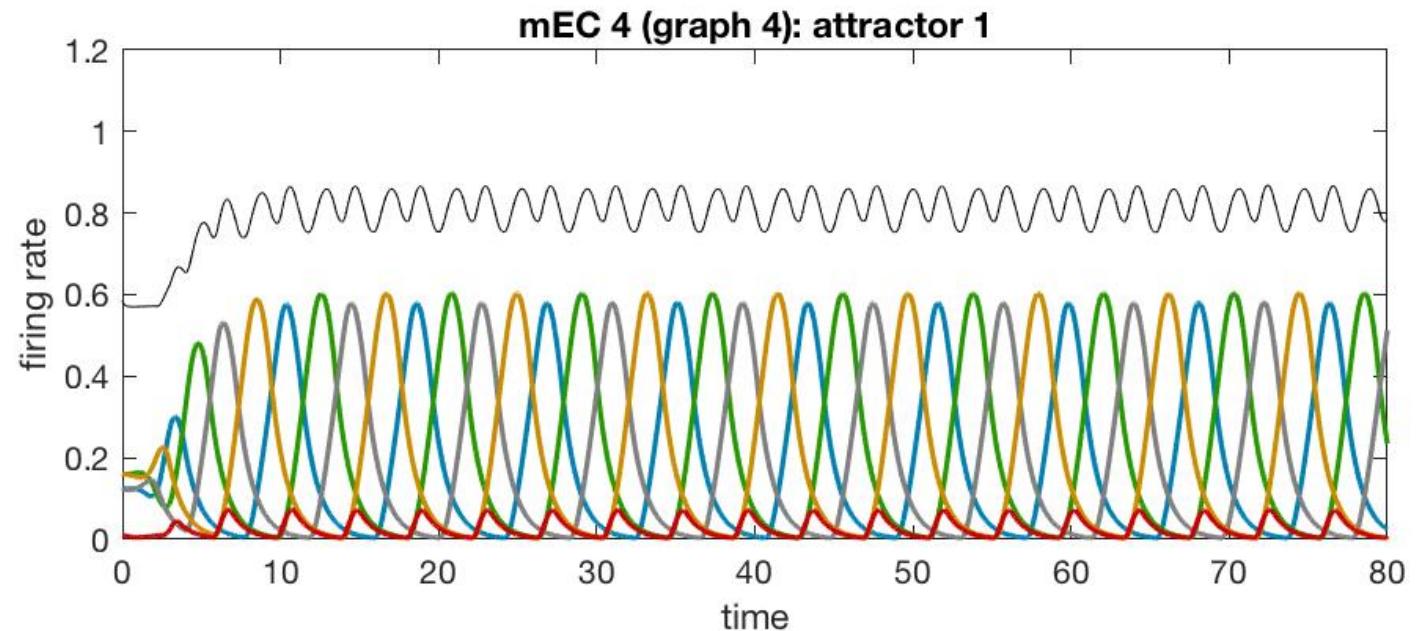
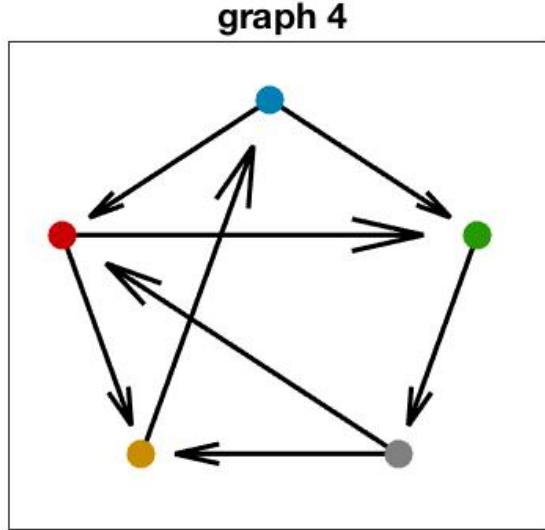
projection (red is last half)



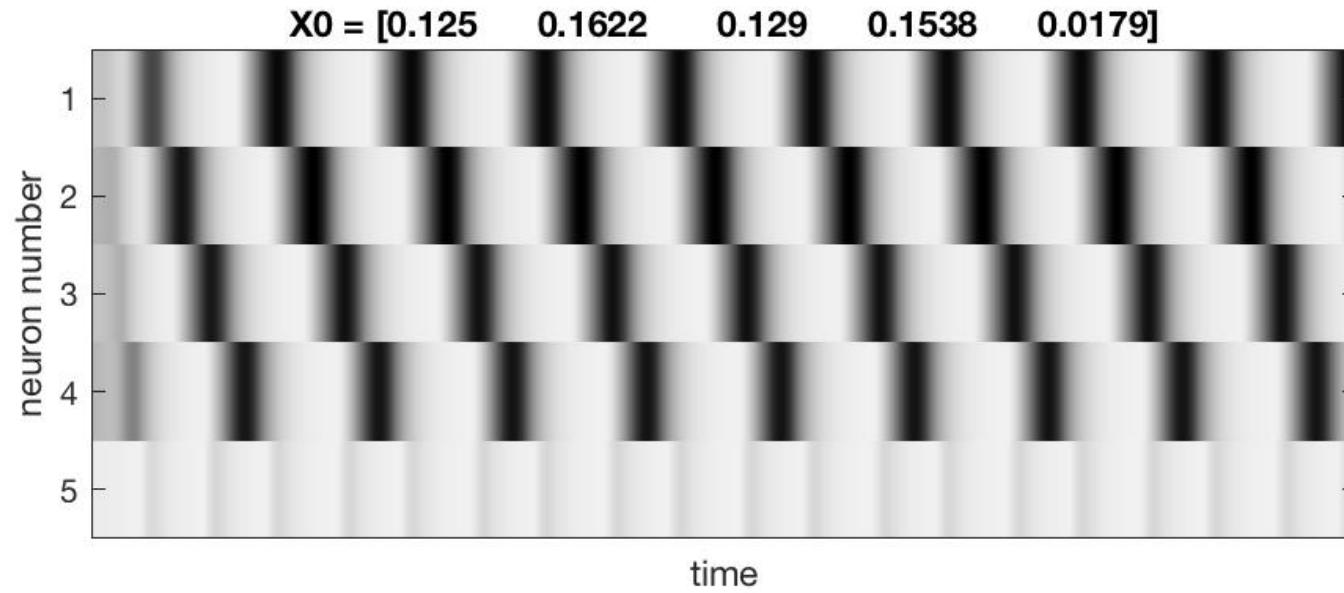
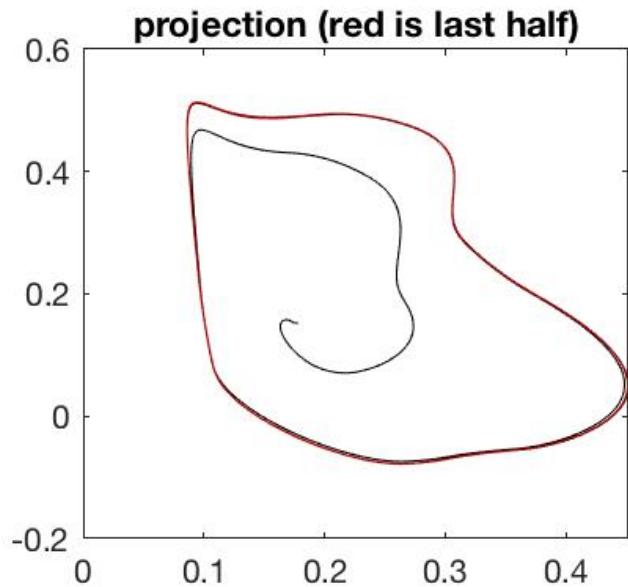
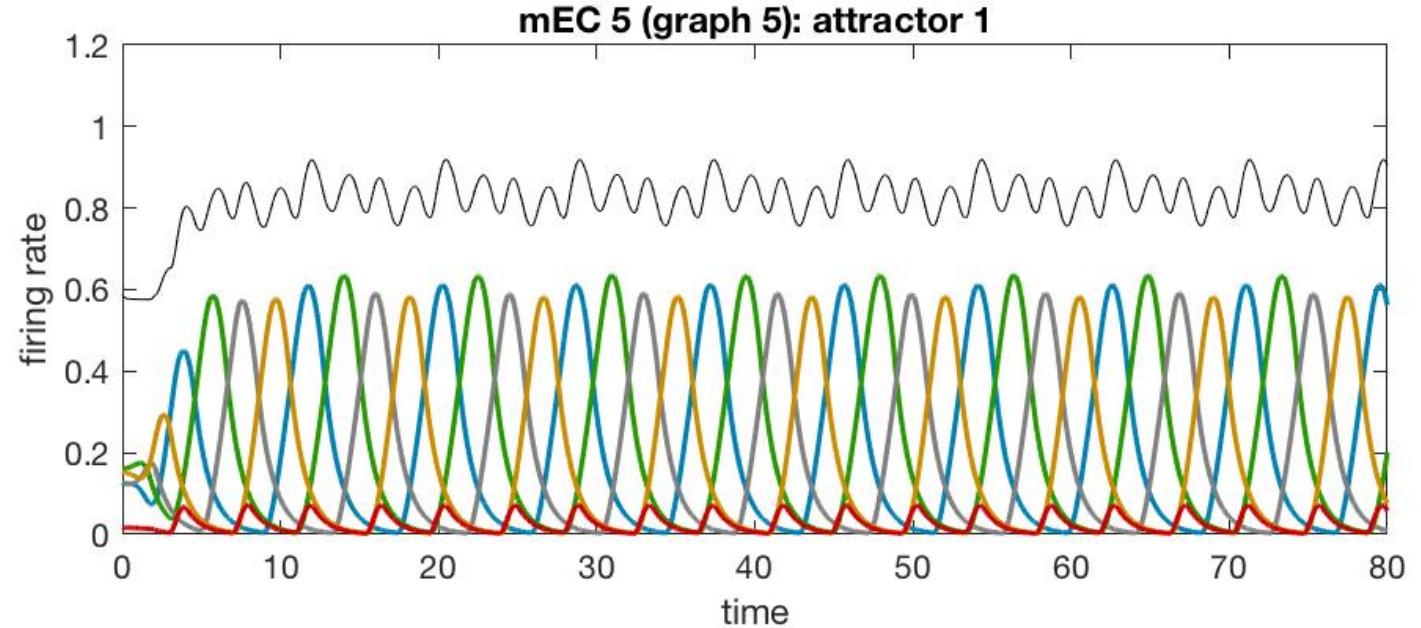
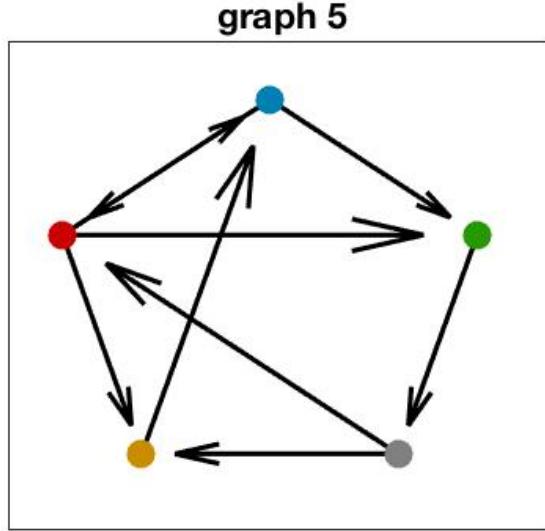
$X_0 = [0.1955 \quad 0.1916 \quad 0.1921 \quad 0.1913 \quad 0.1942]$



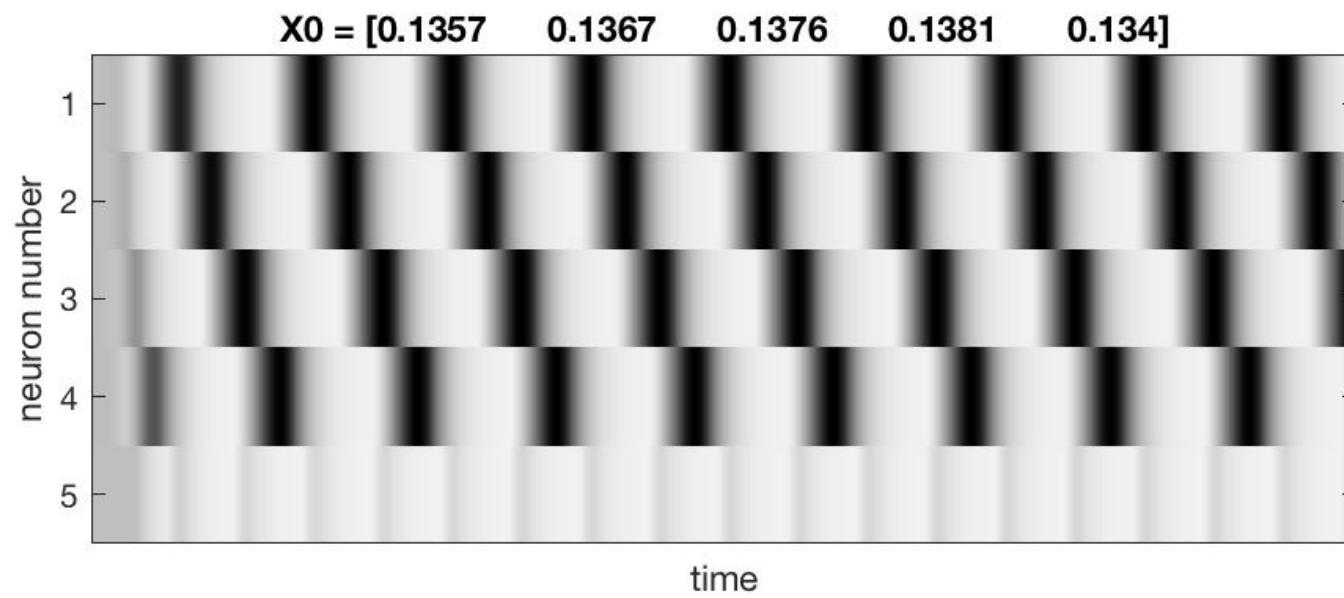
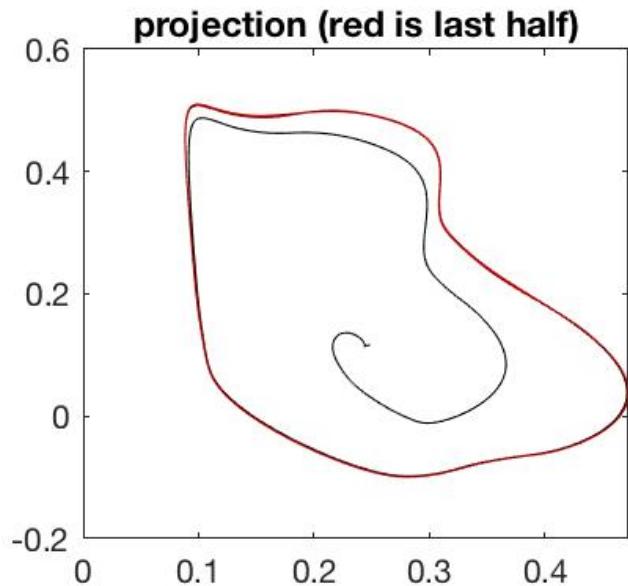
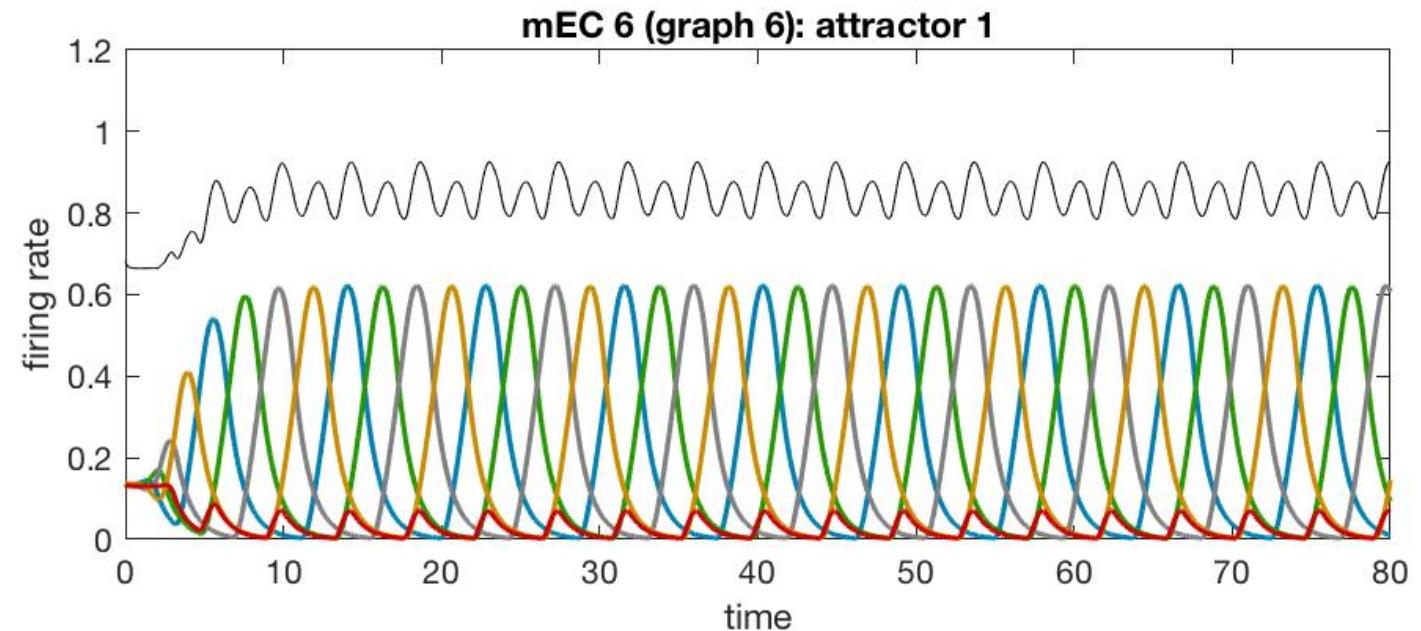
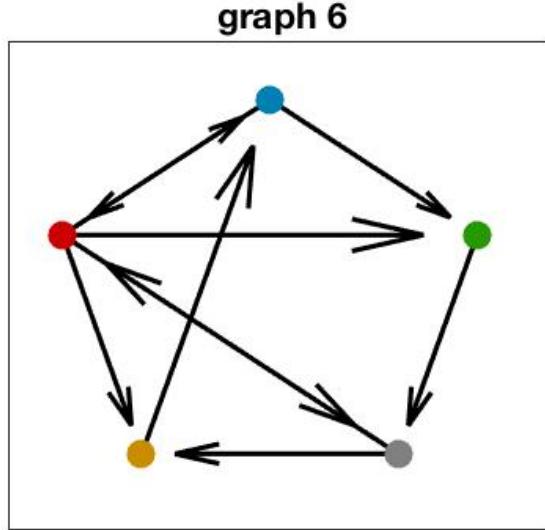
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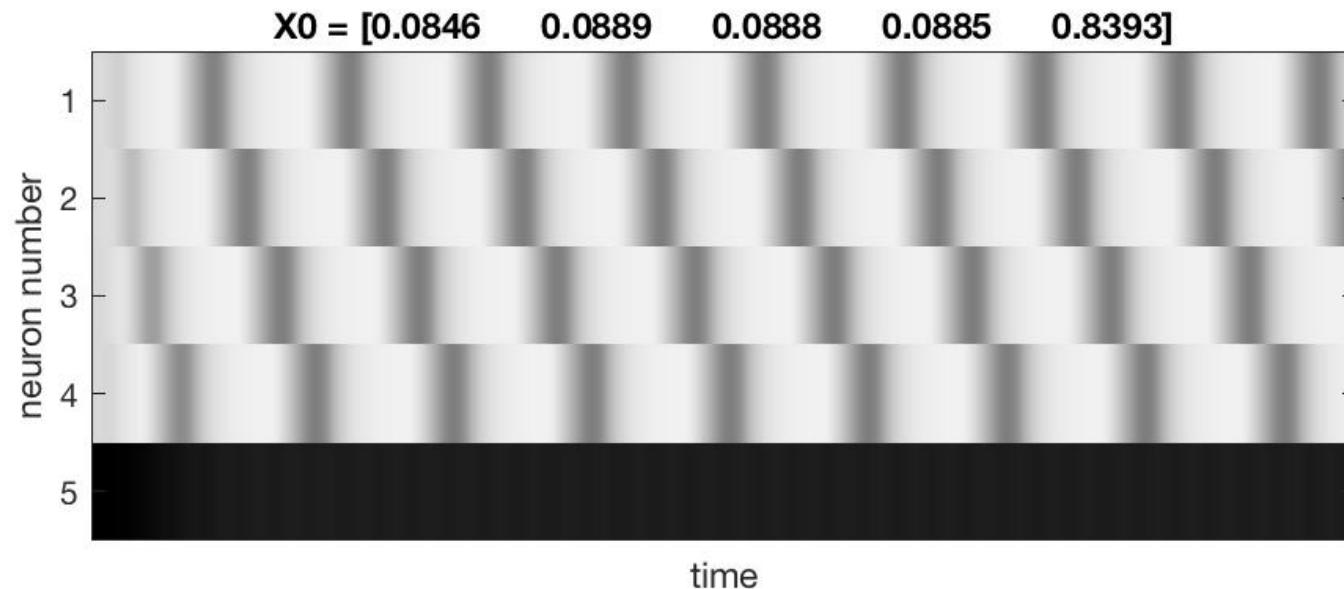
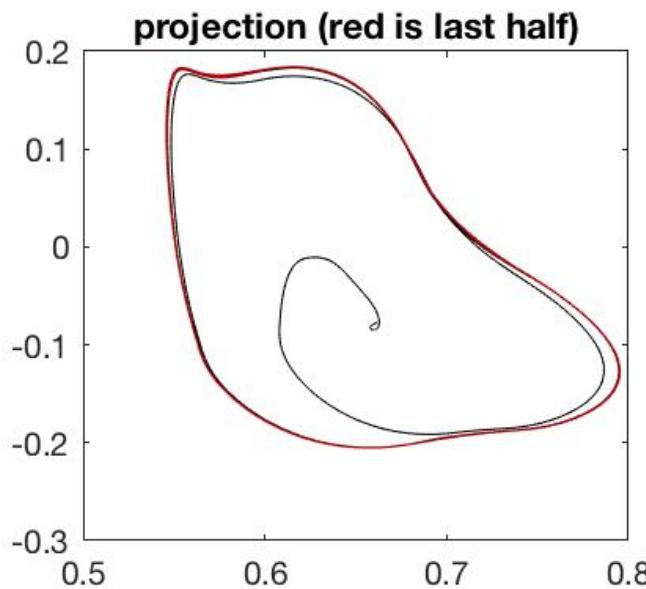
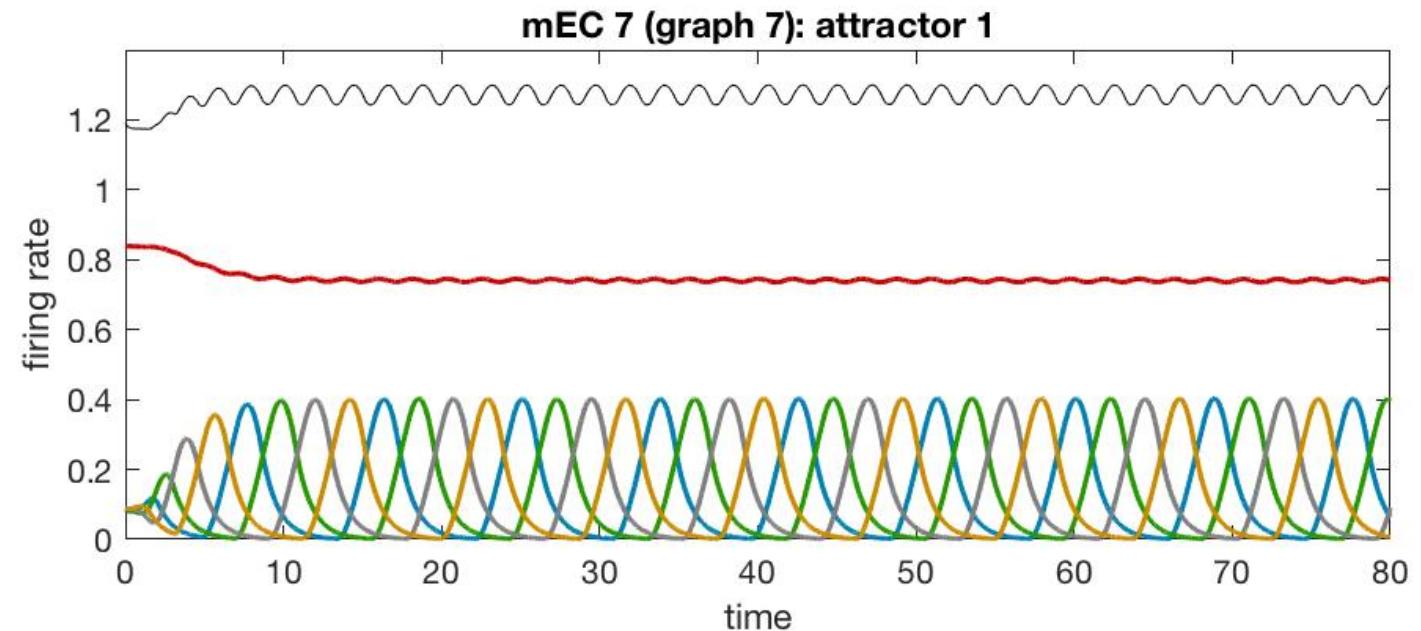
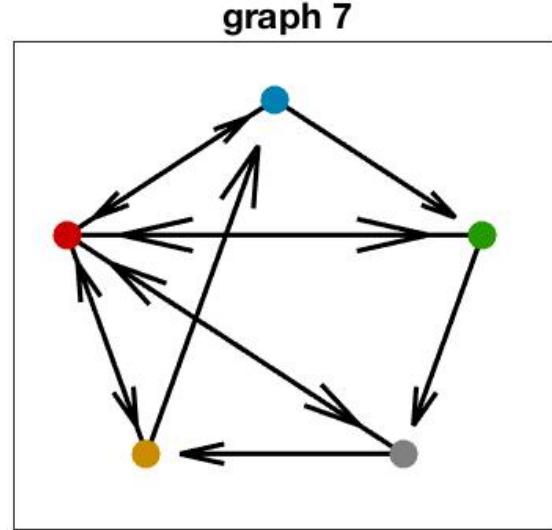
mEC 5



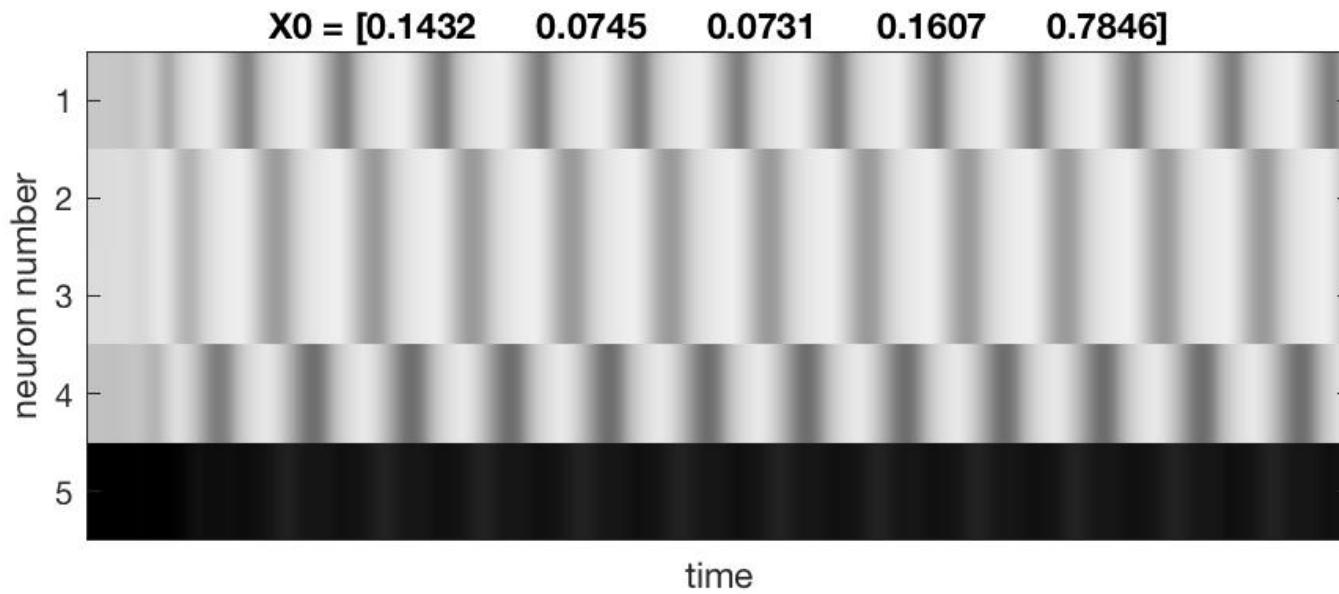
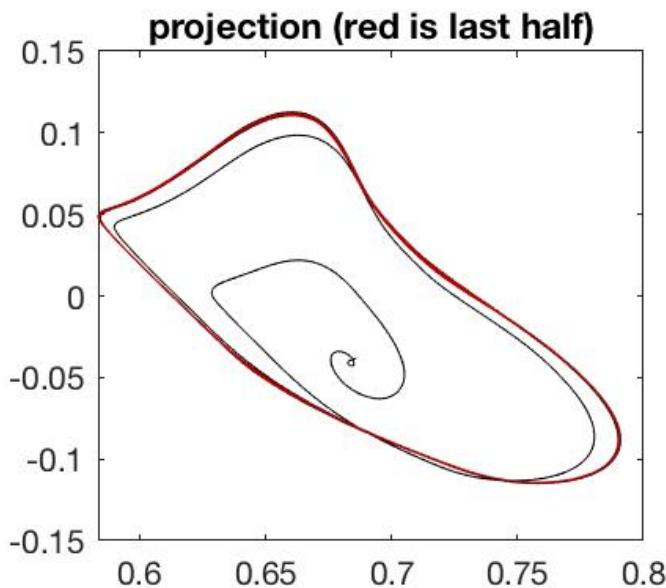
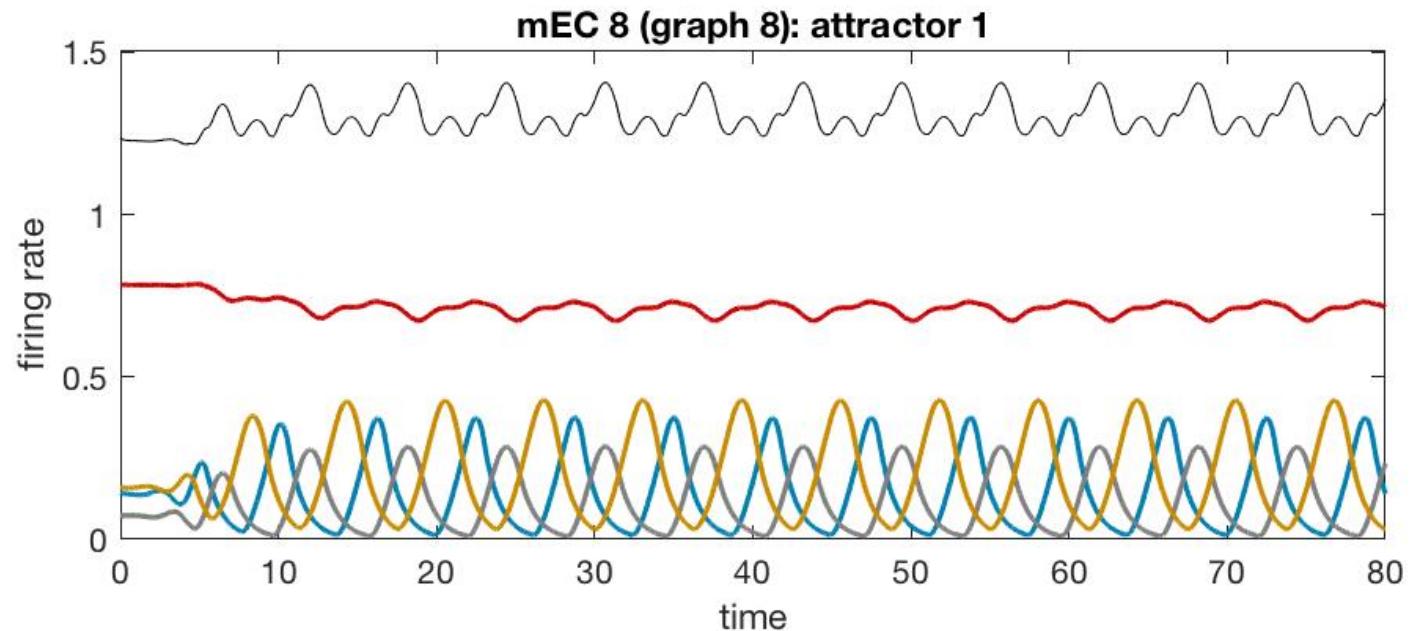
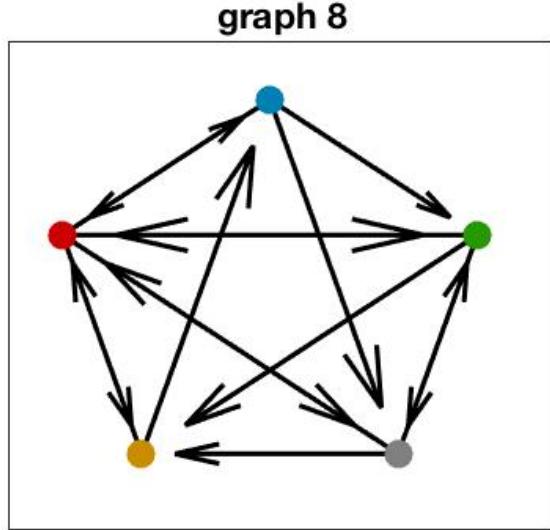
mEC 6



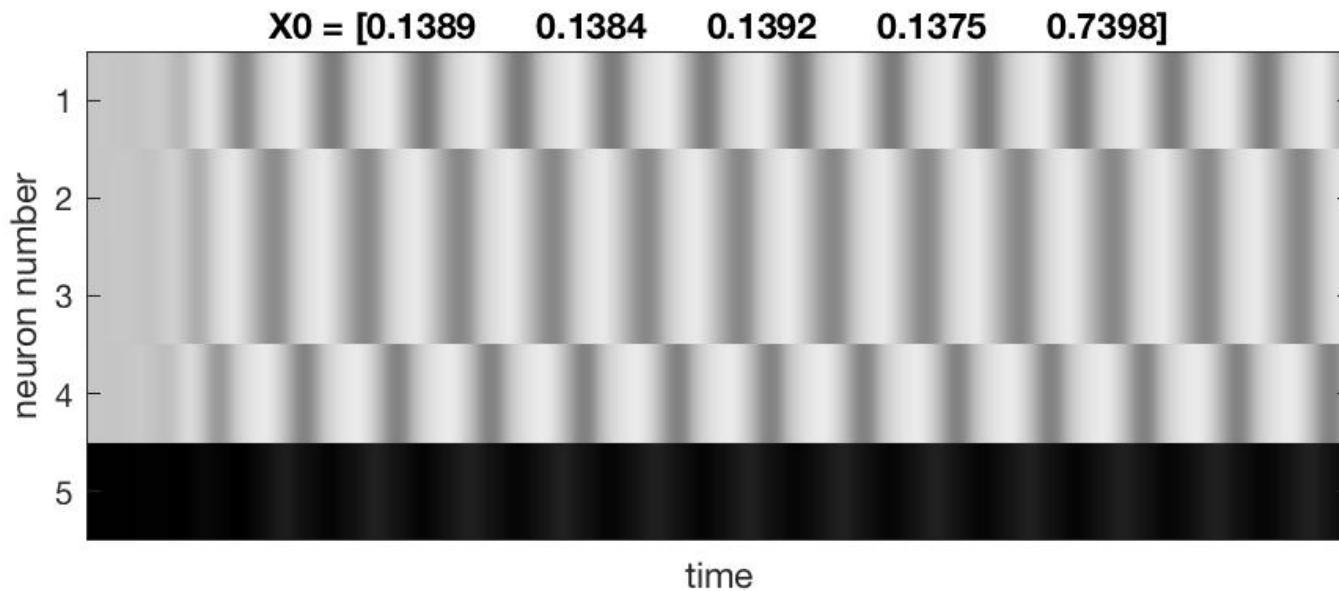
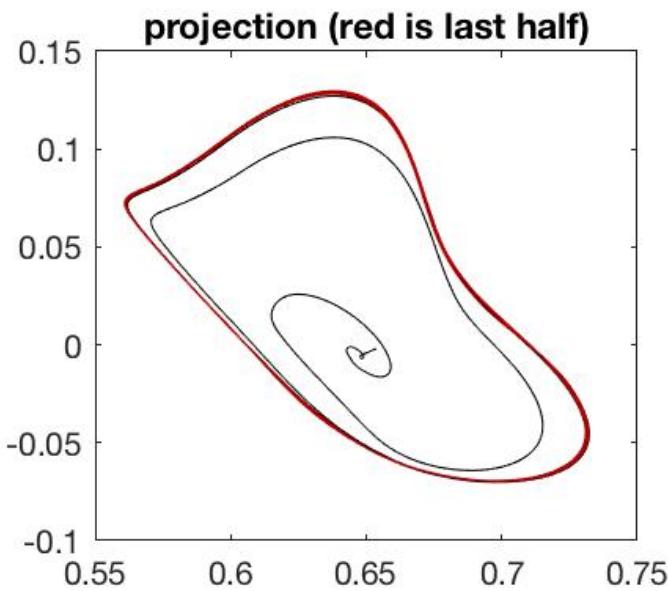
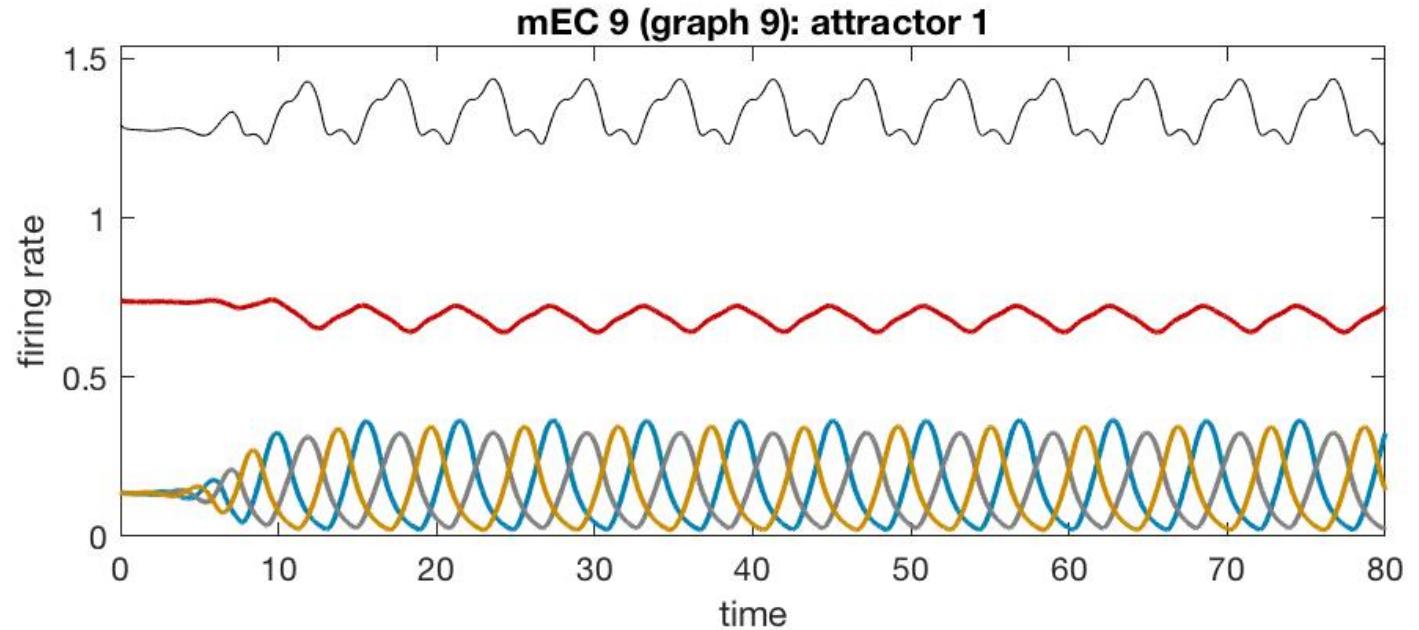
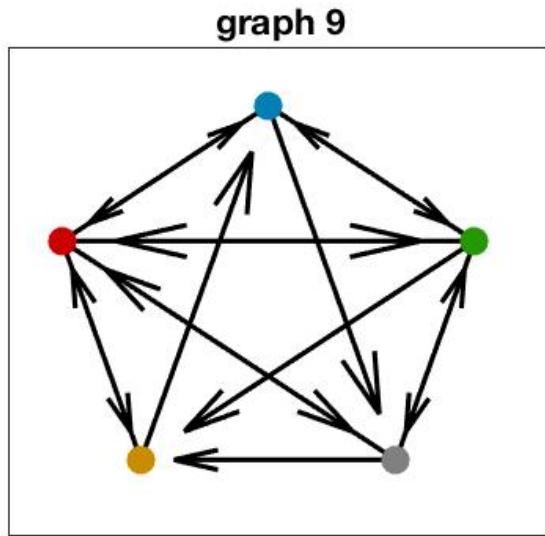
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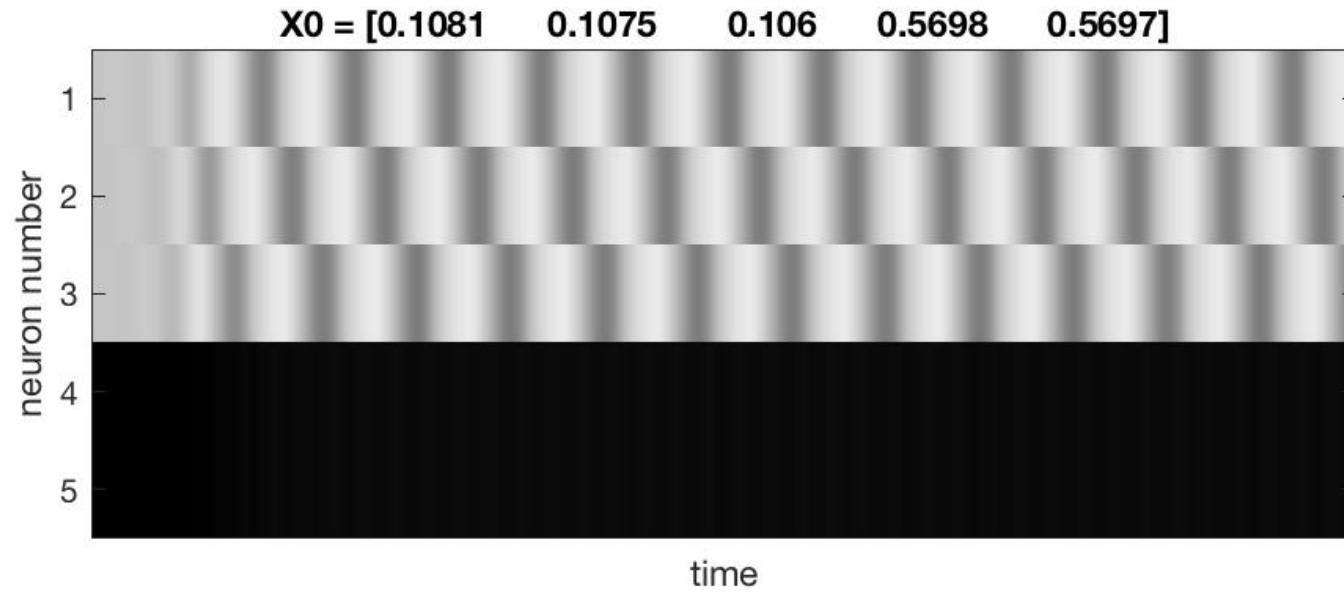
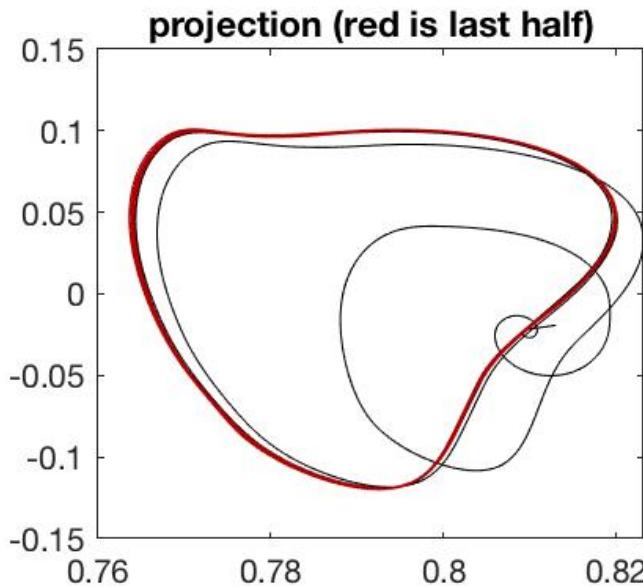
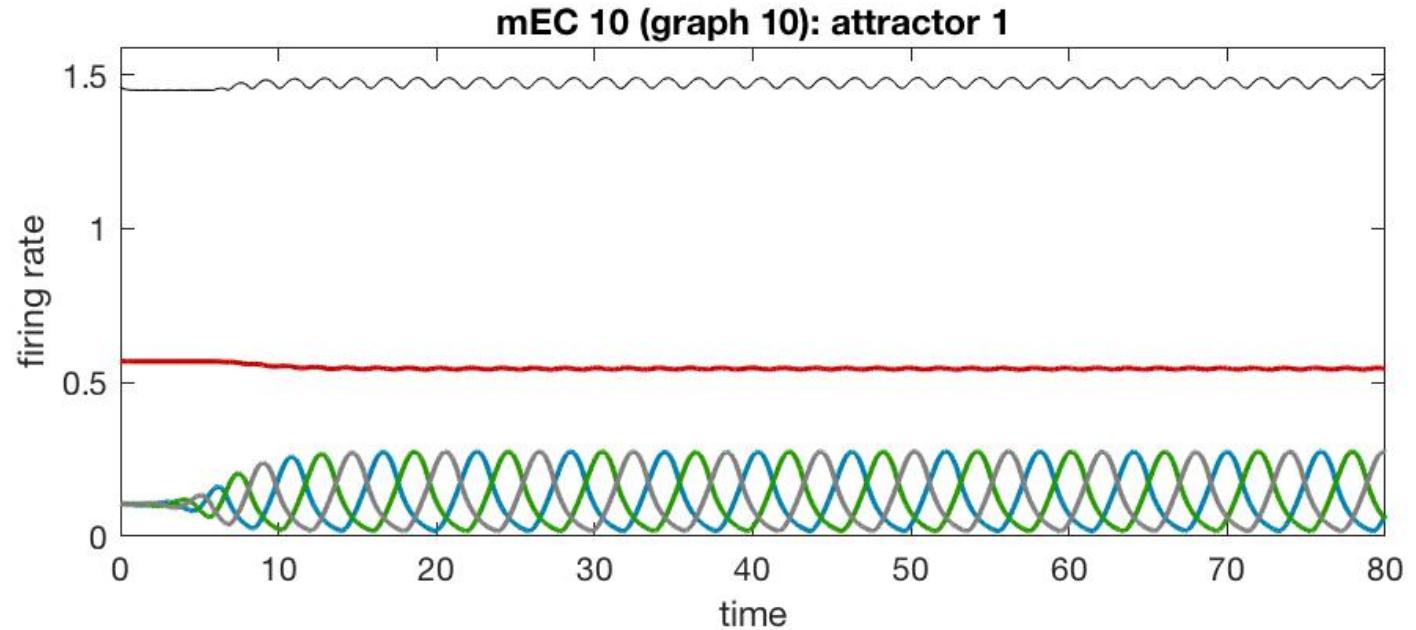
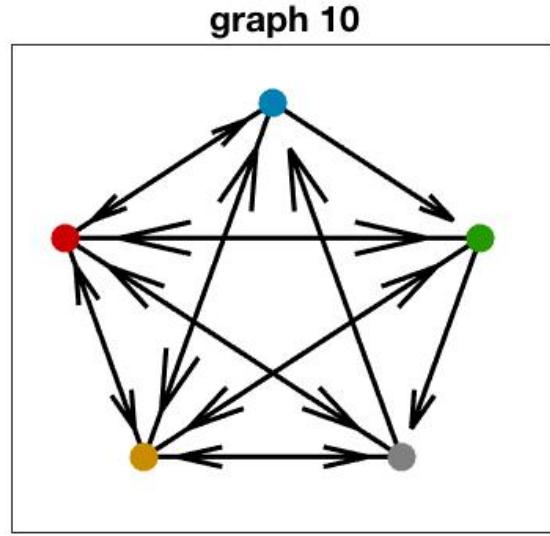
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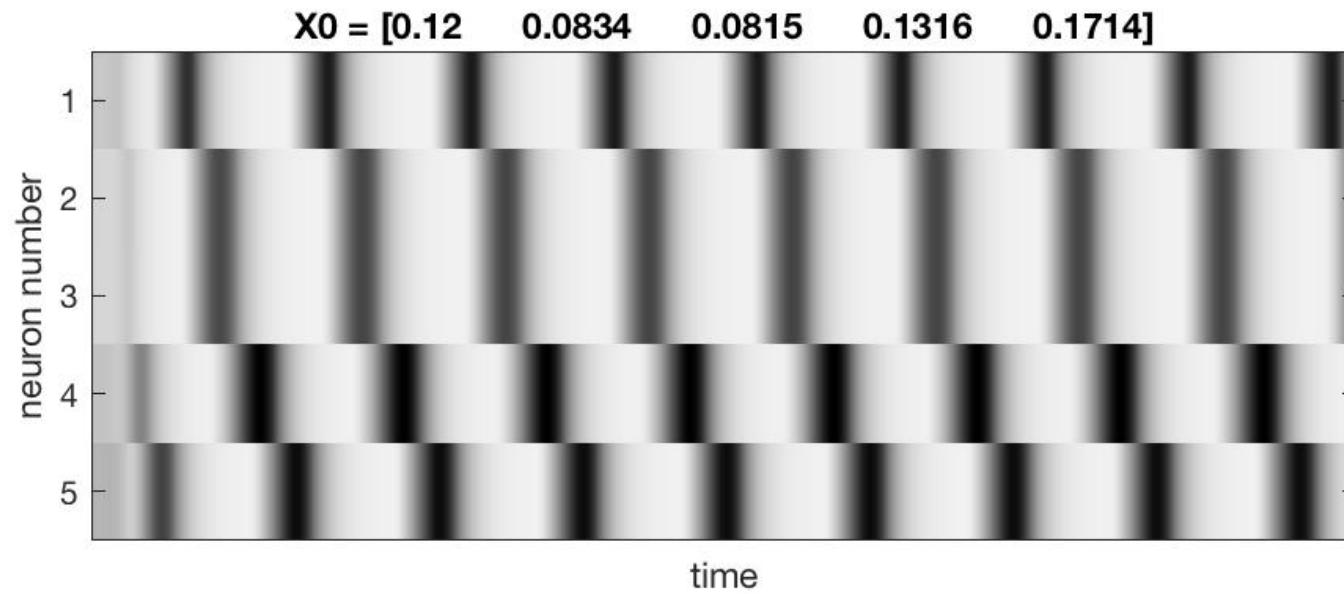
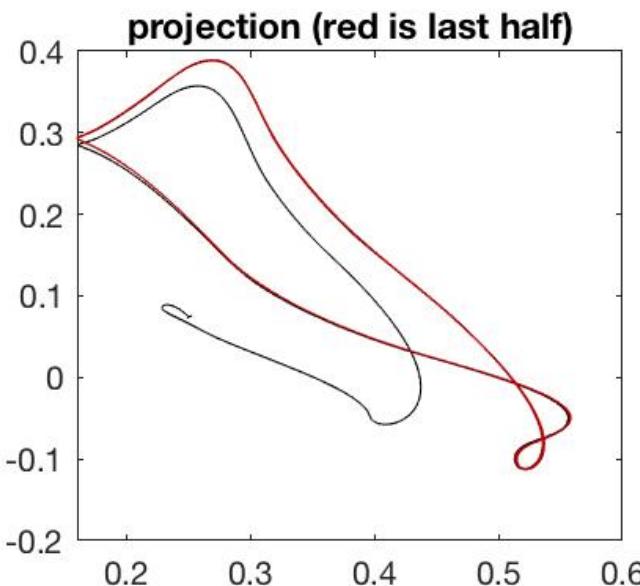
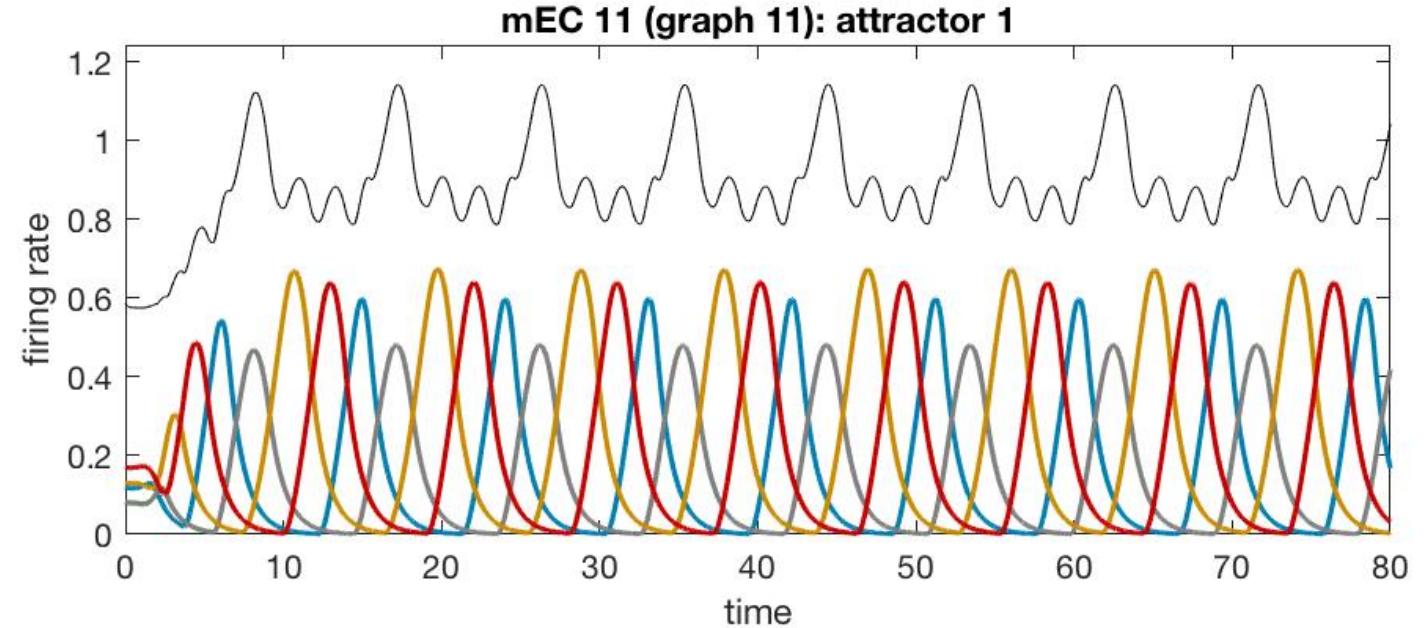
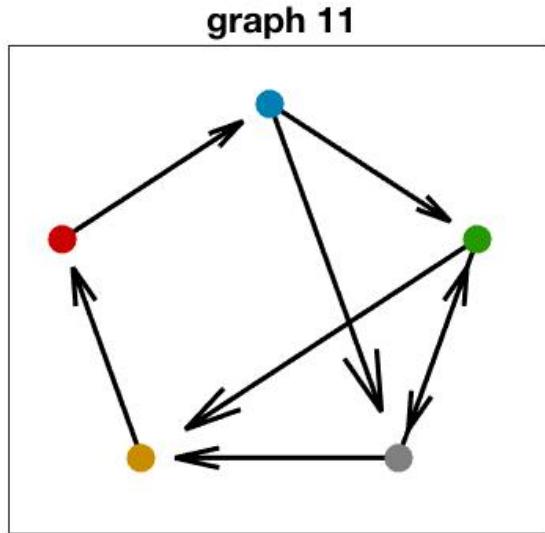
mEC 9



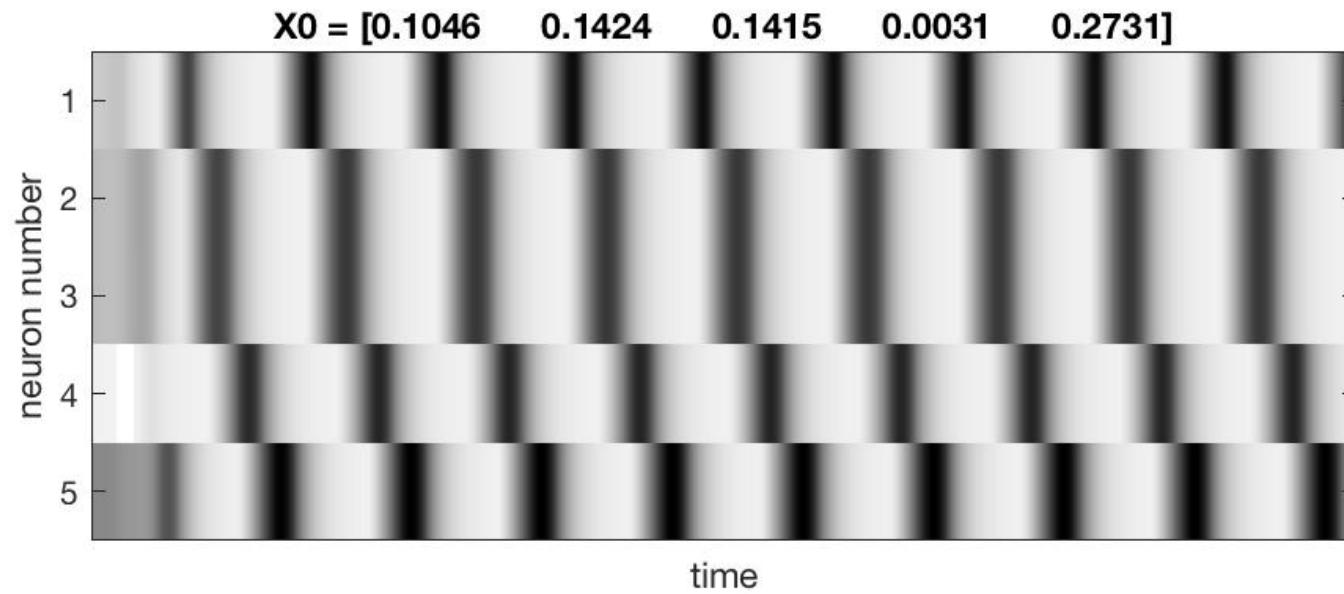
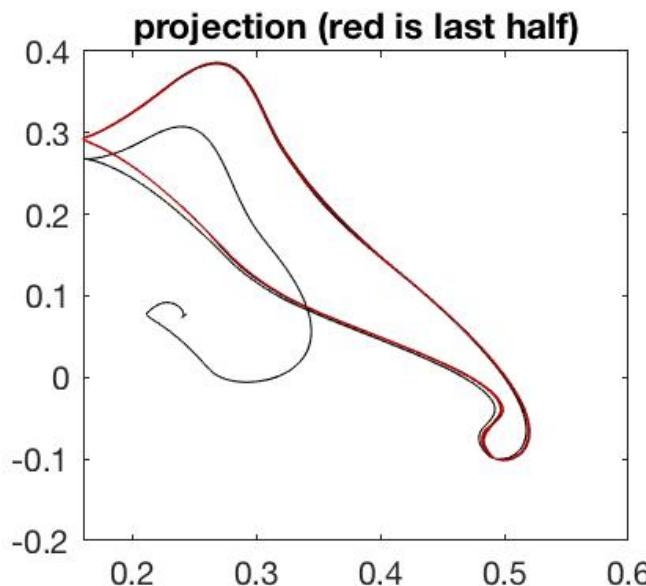
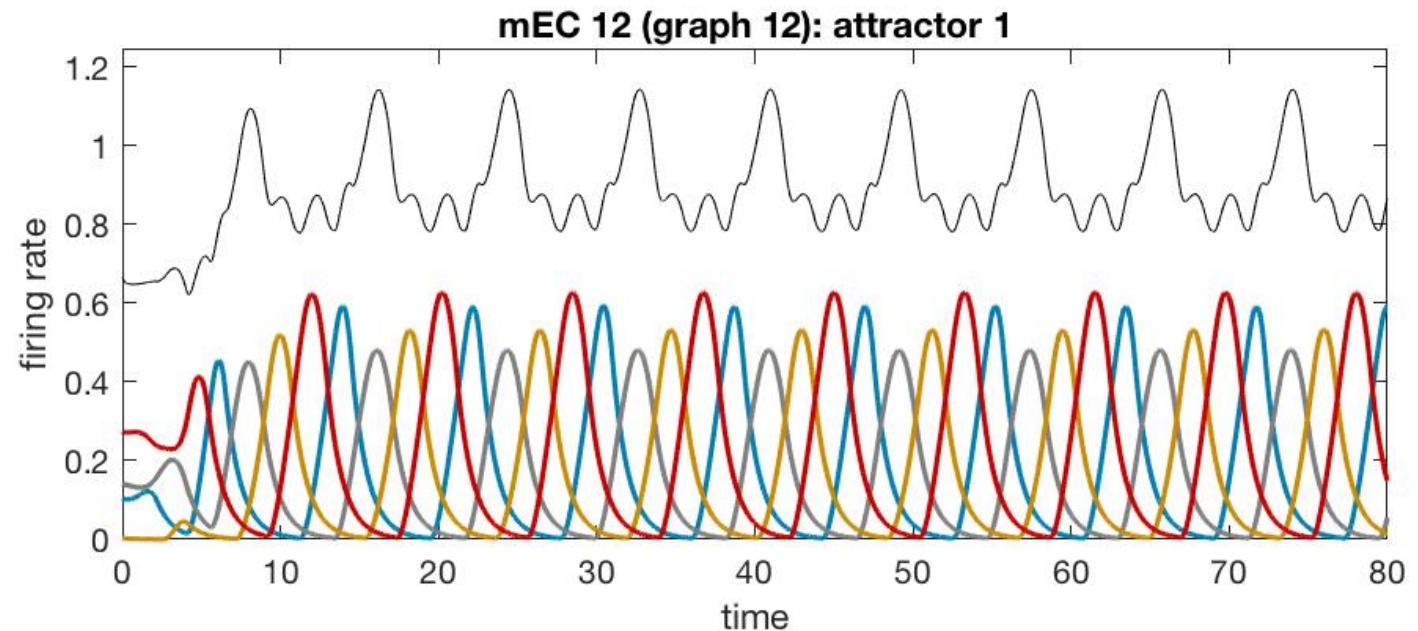
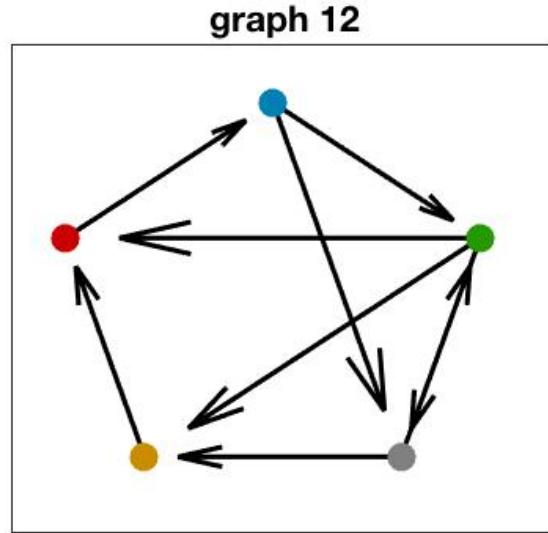
mEC 10



mEC 11

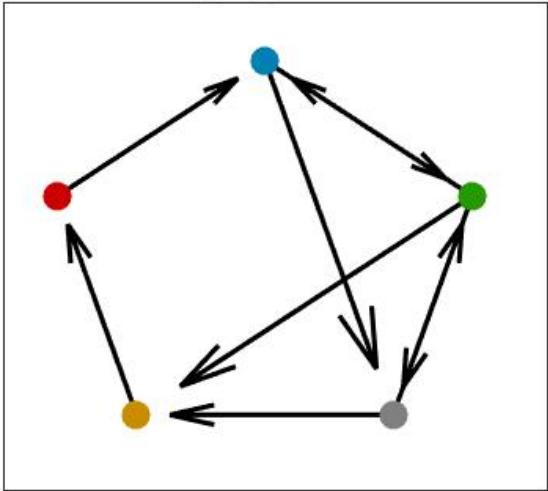


mEC 12

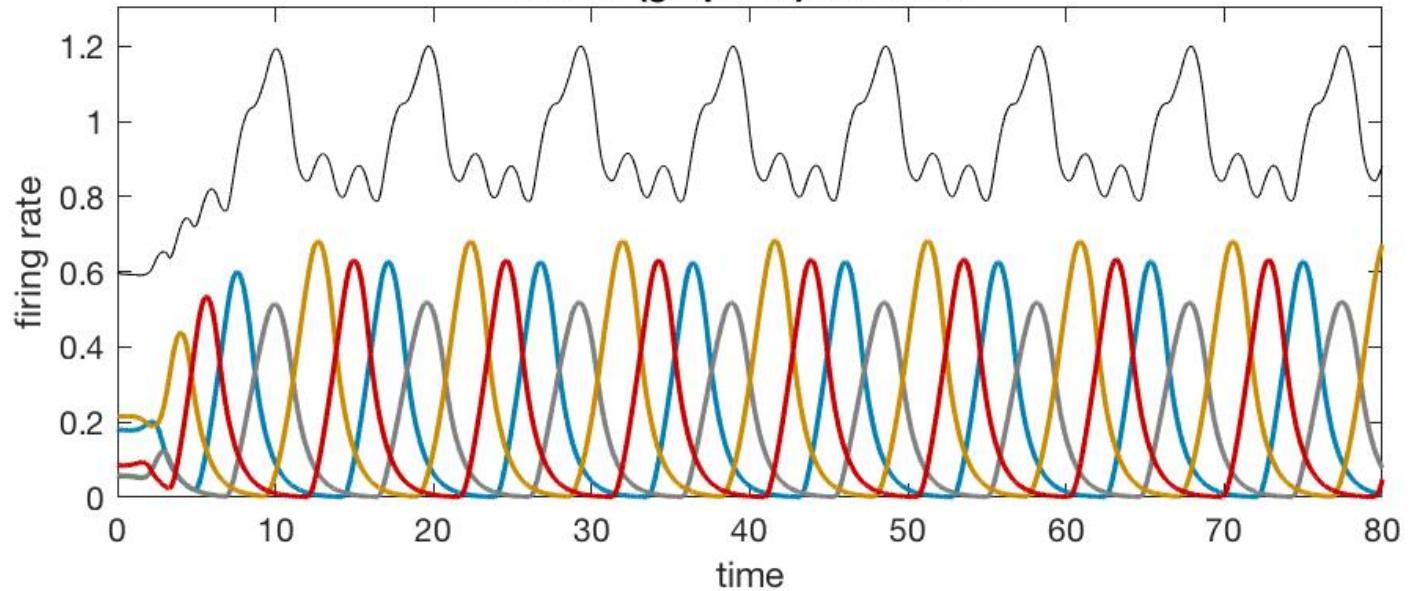


mEC 13

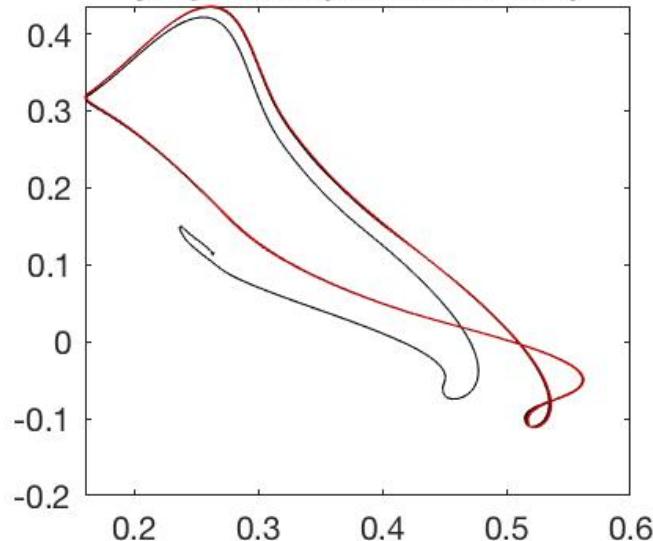
graph 13



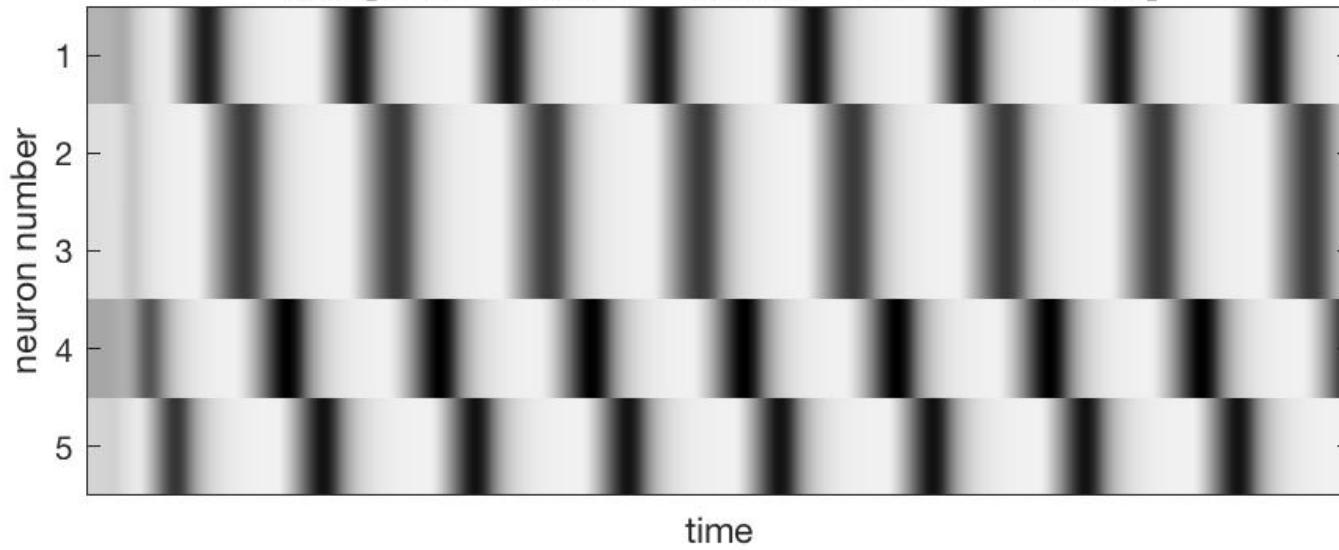
mEC 13 (graph 13): attractor 1



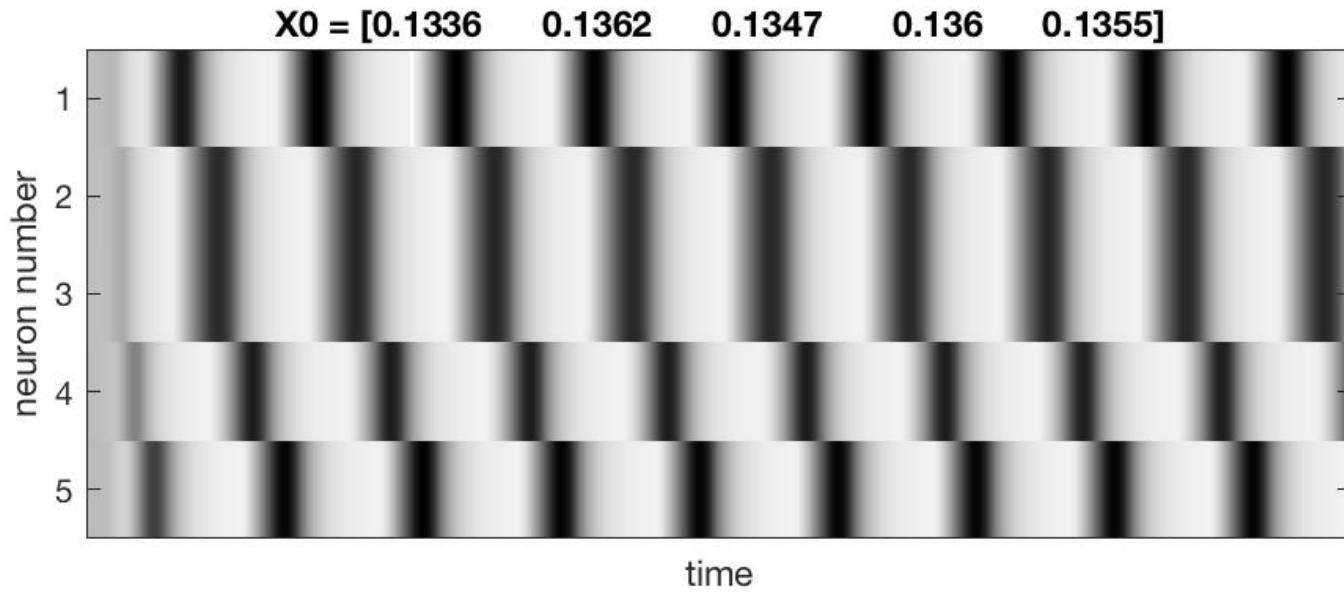
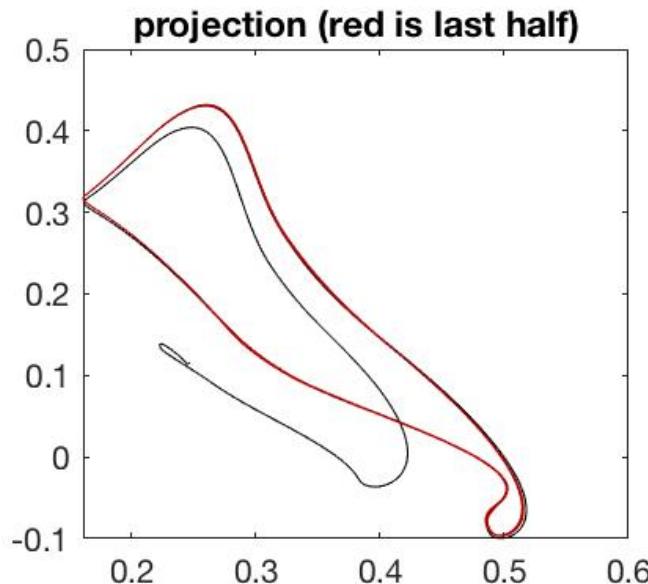
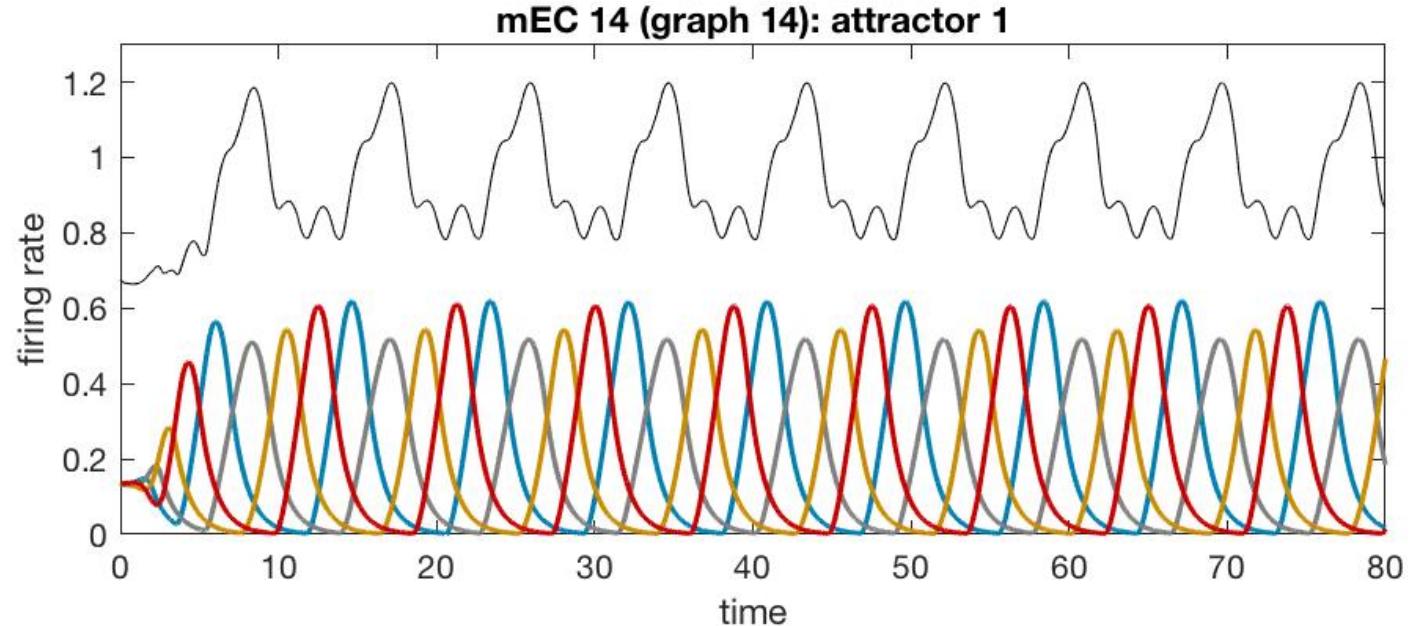
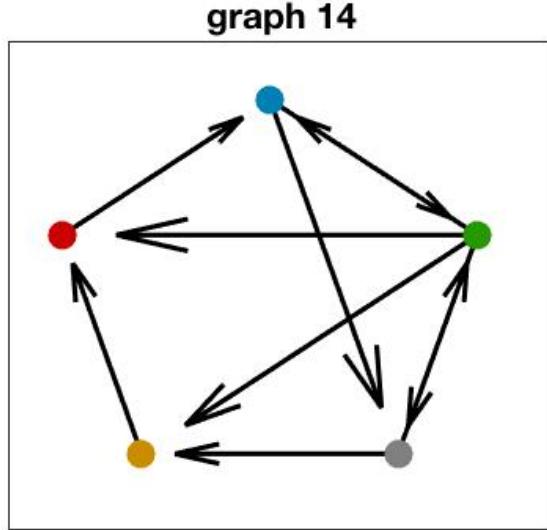
projection (red is last half)



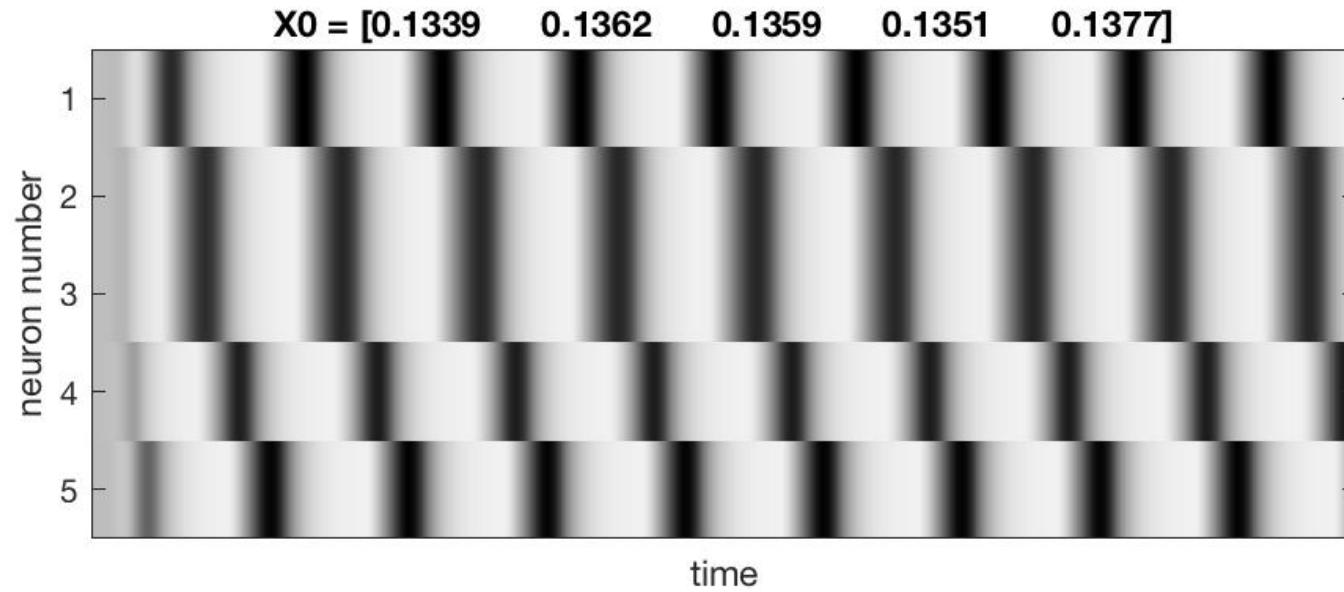
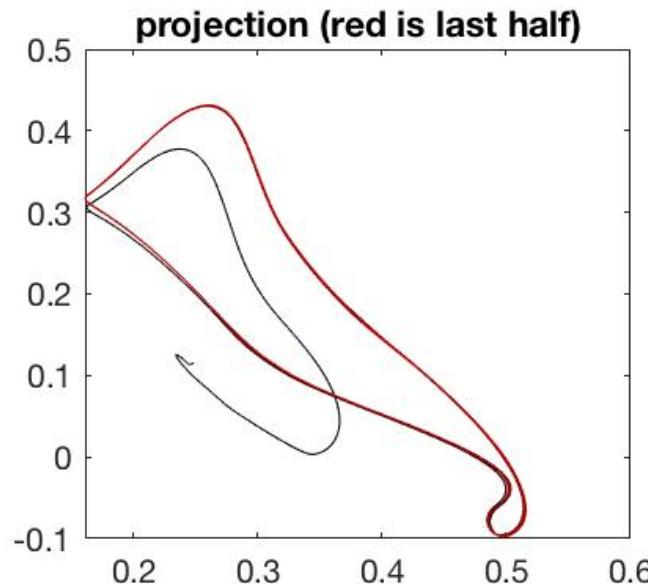
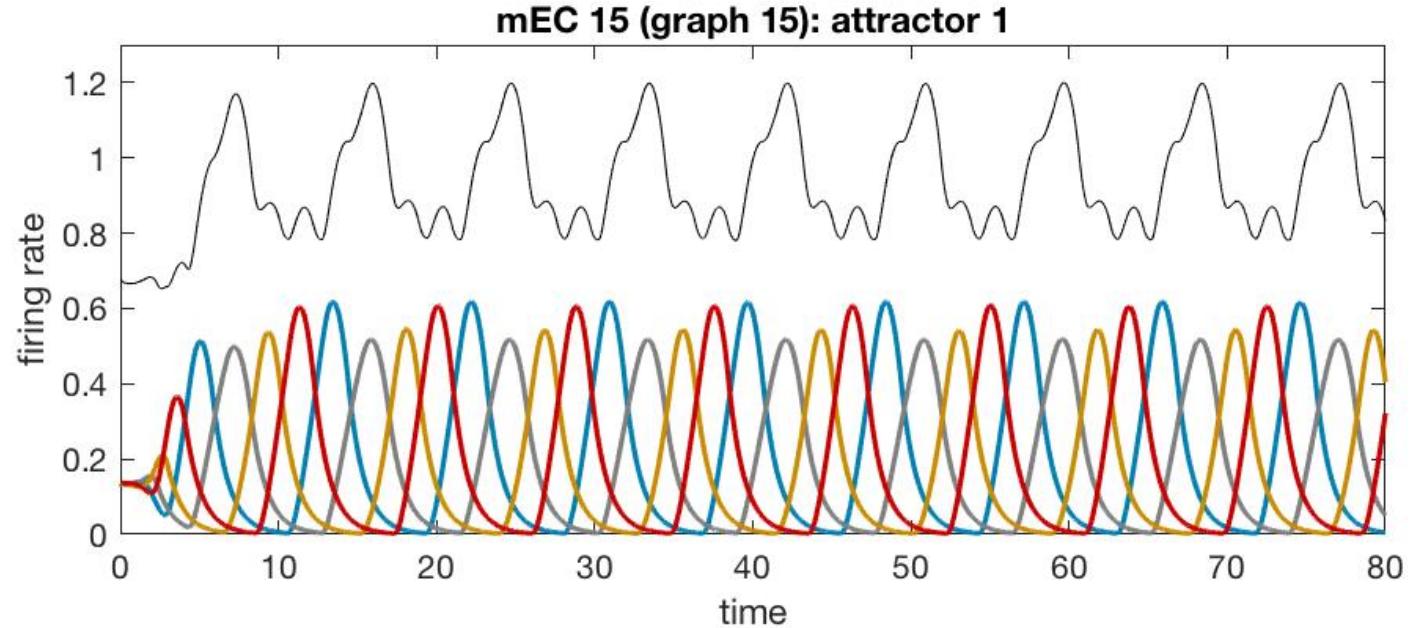
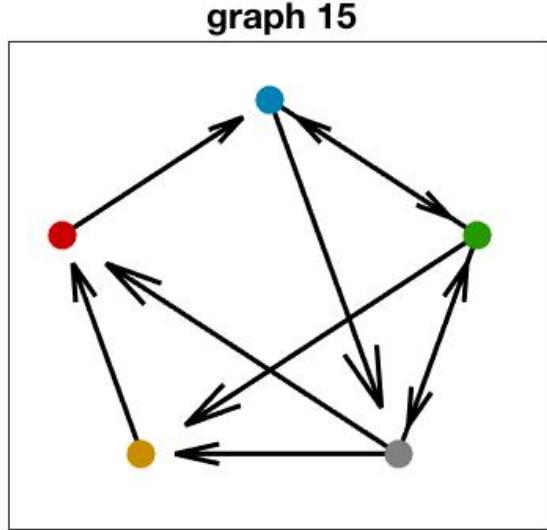
$X_0 = [0.181 \quad 0.0574 \quad 0.0594 \quad 0.2164 \quad 0.0862]$



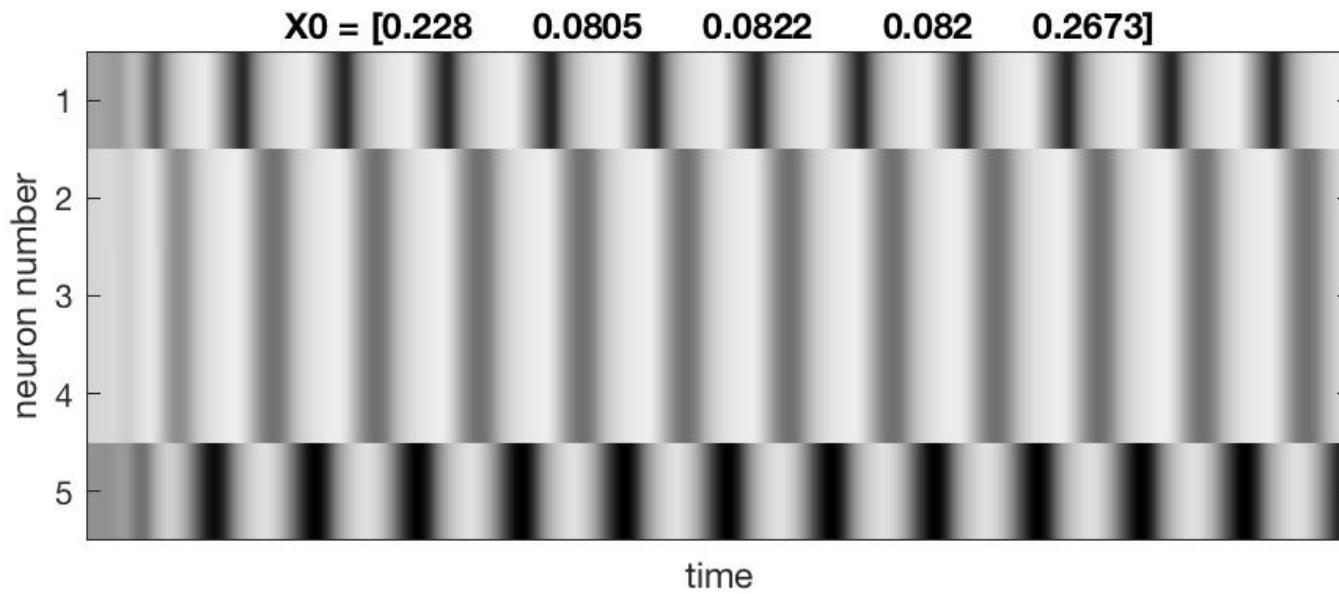
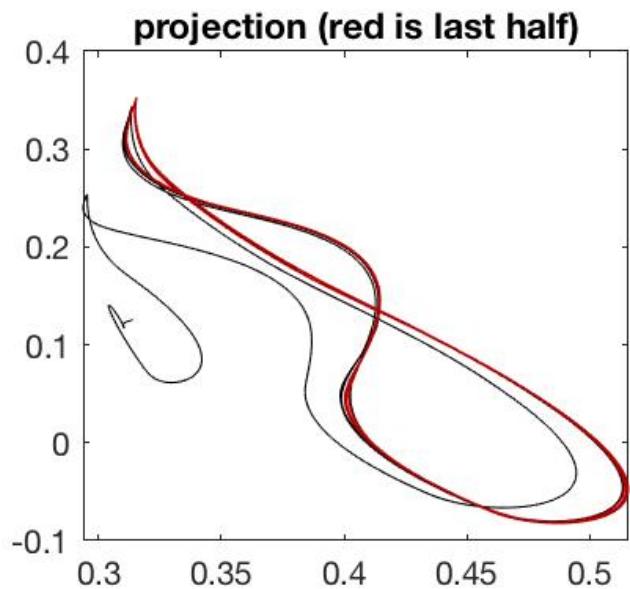
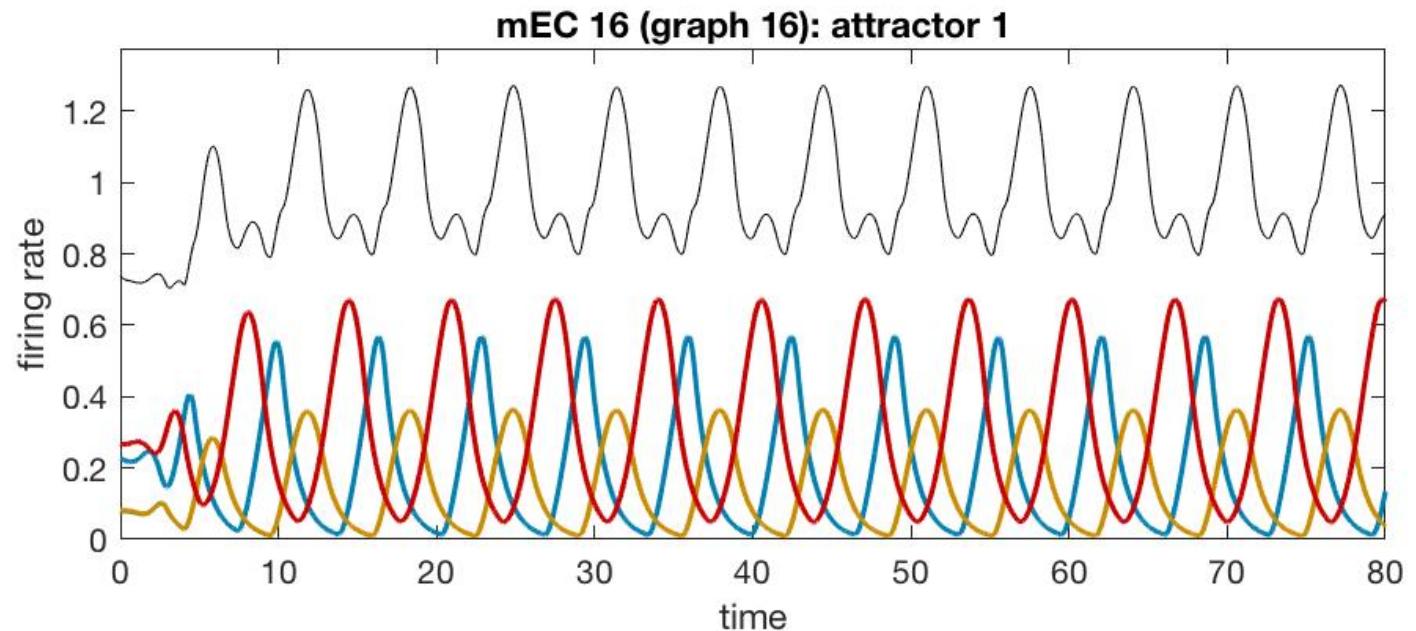
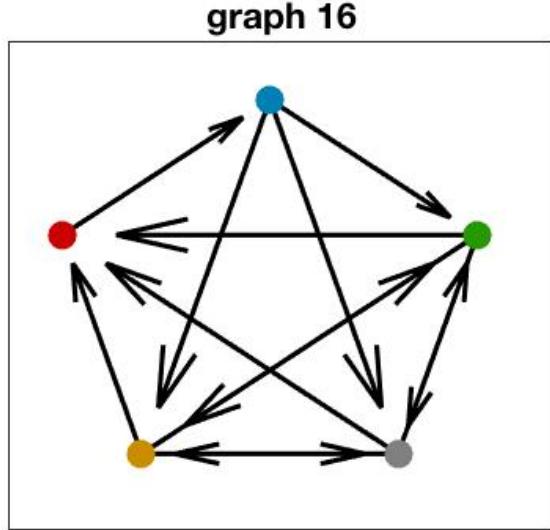
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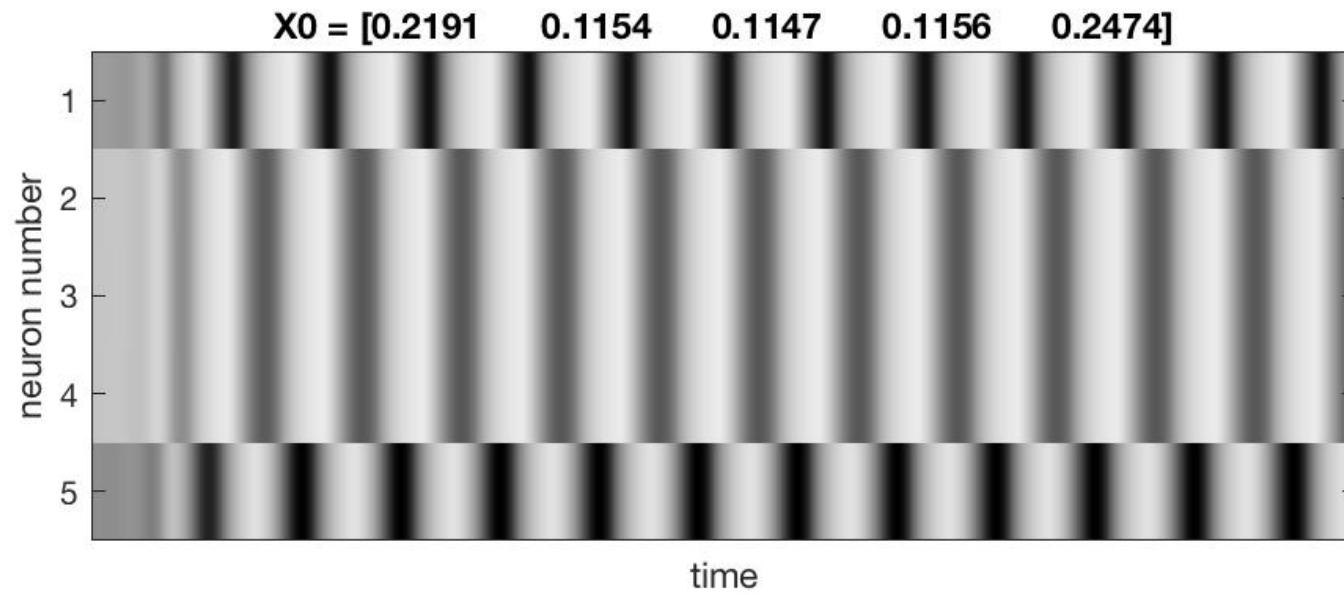
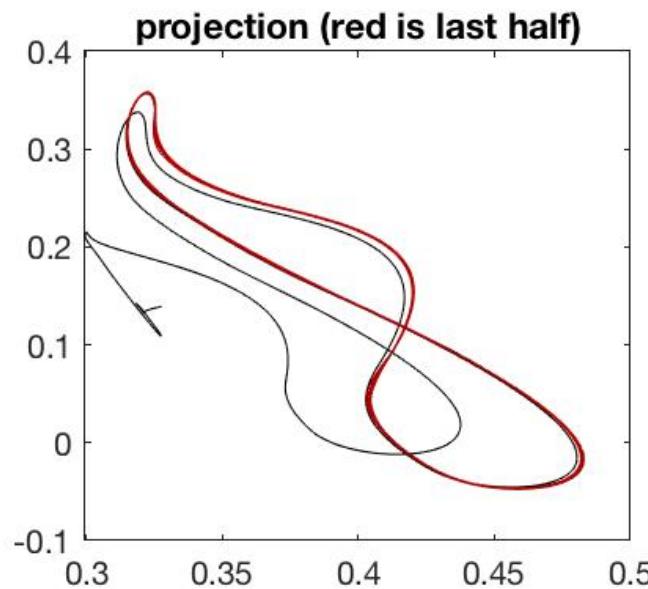
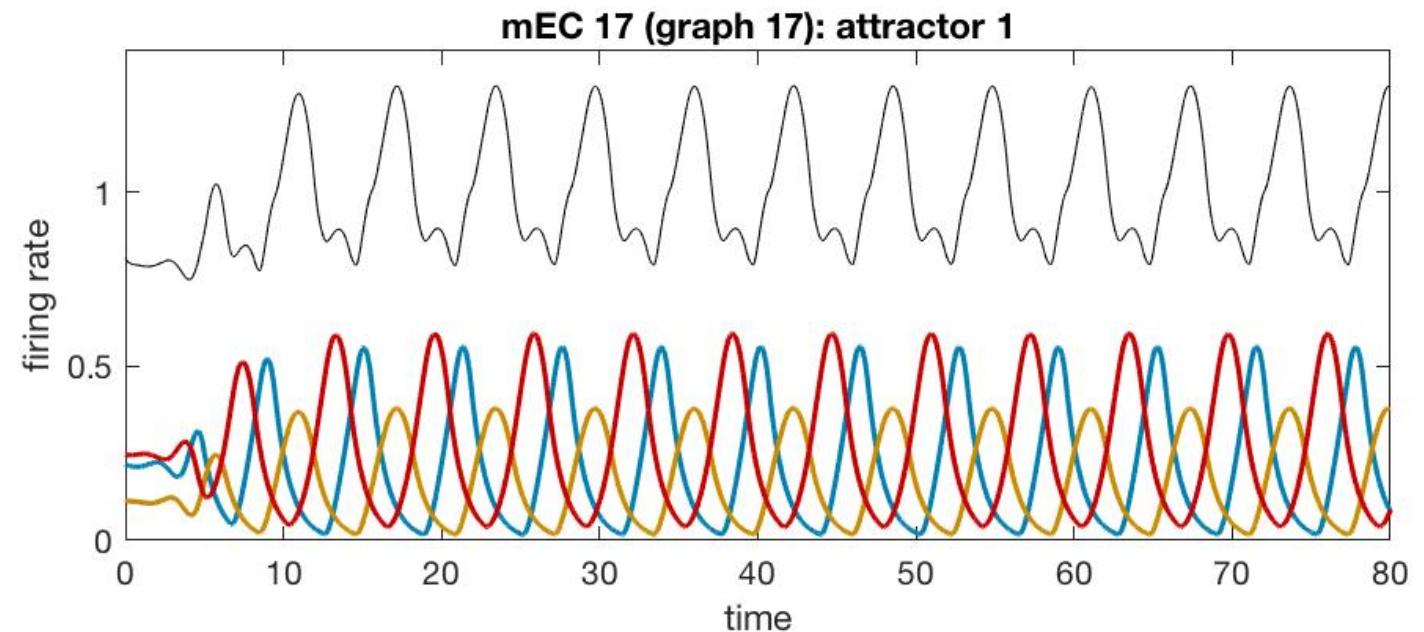
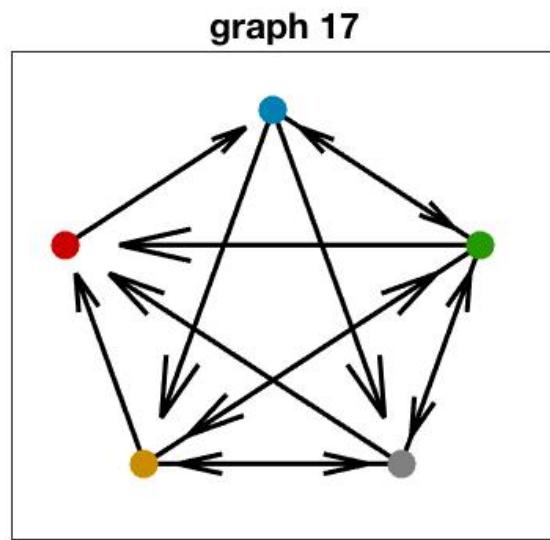
mEC 15



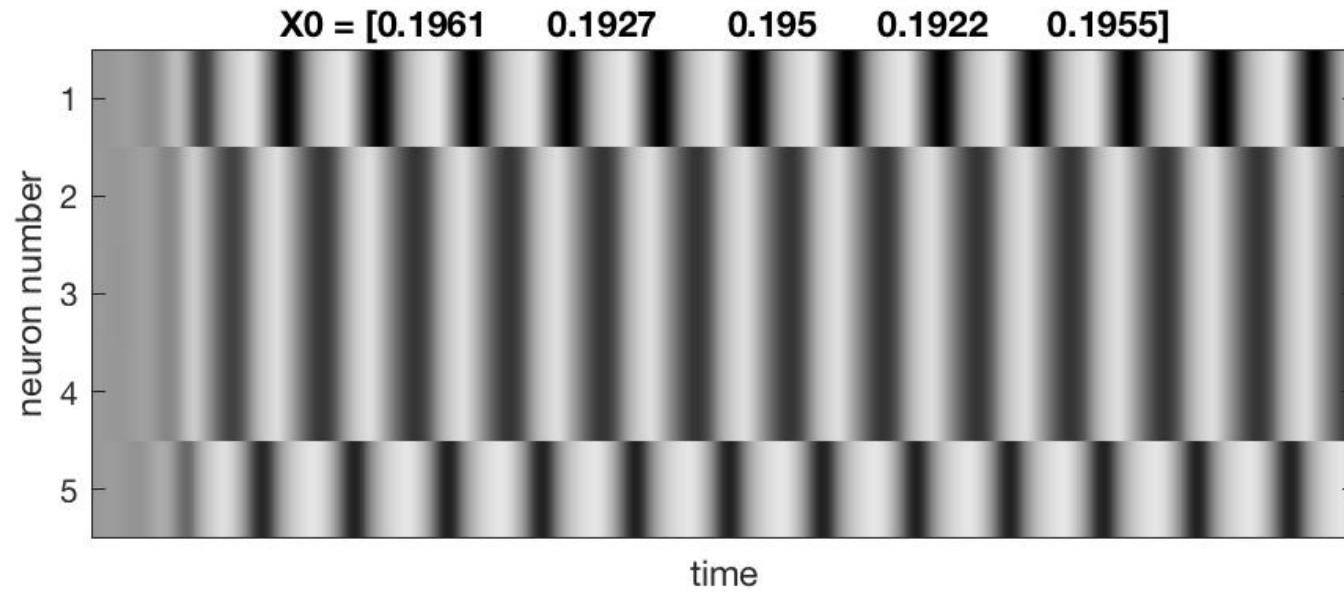
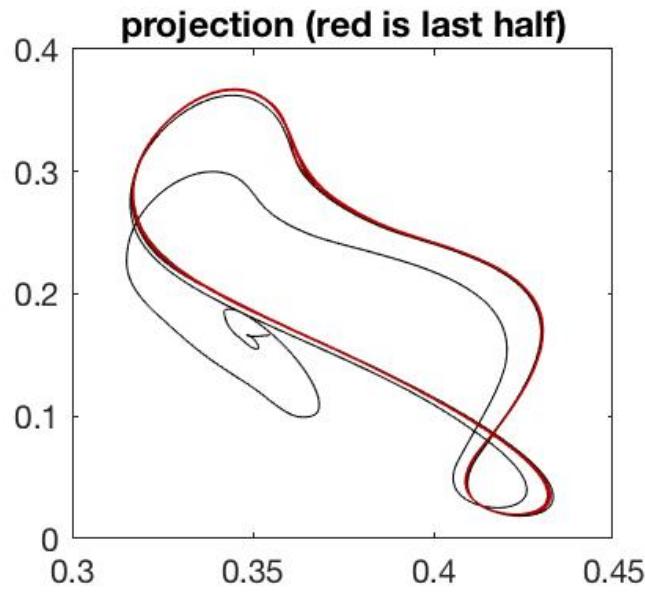
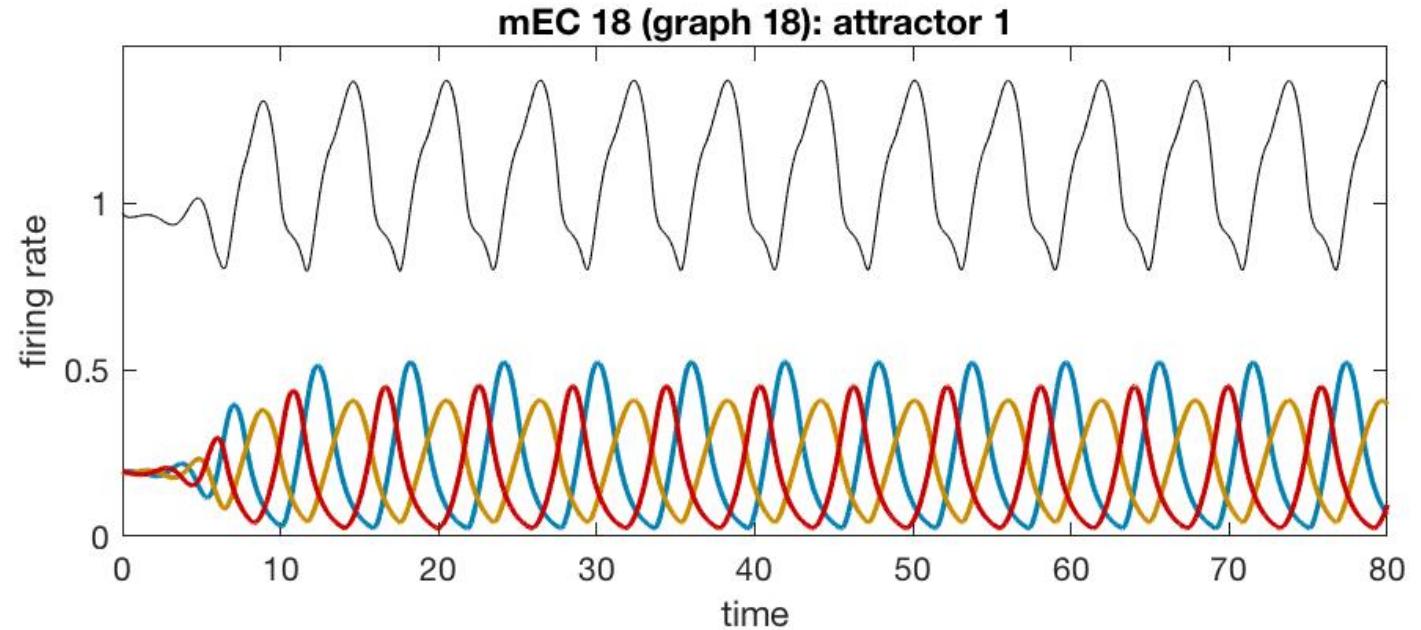
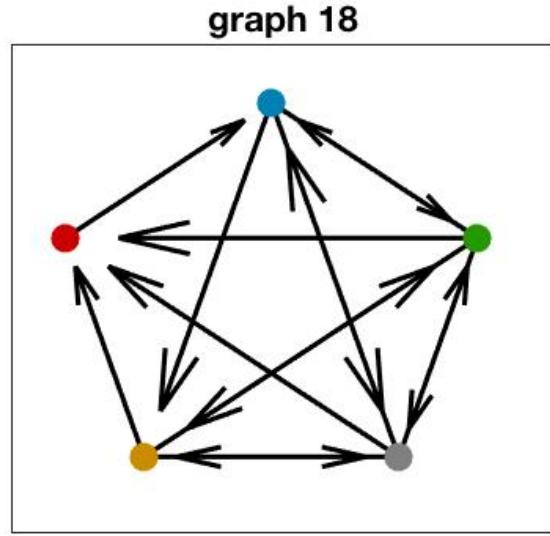
mEC 16



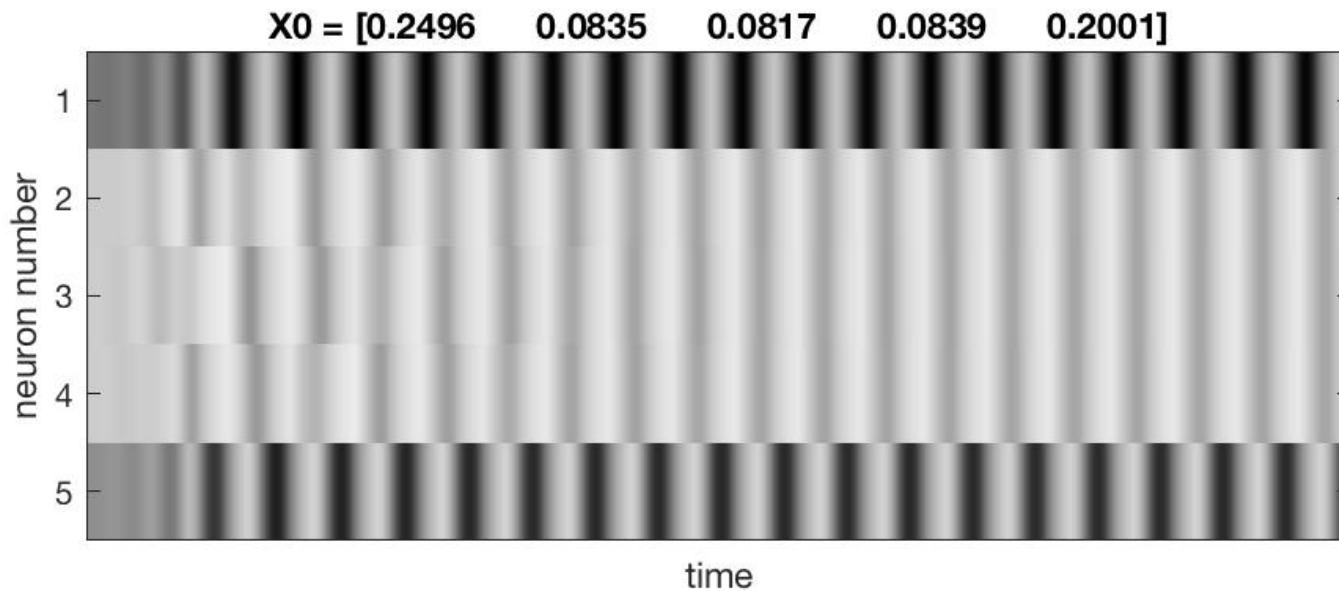
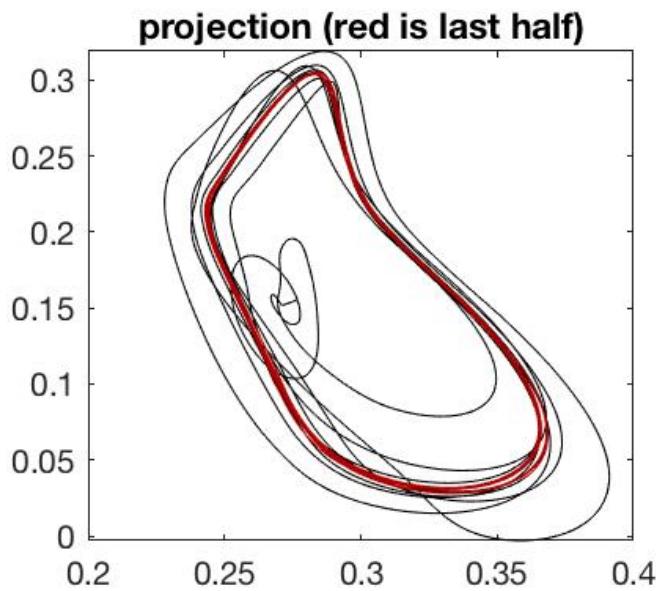
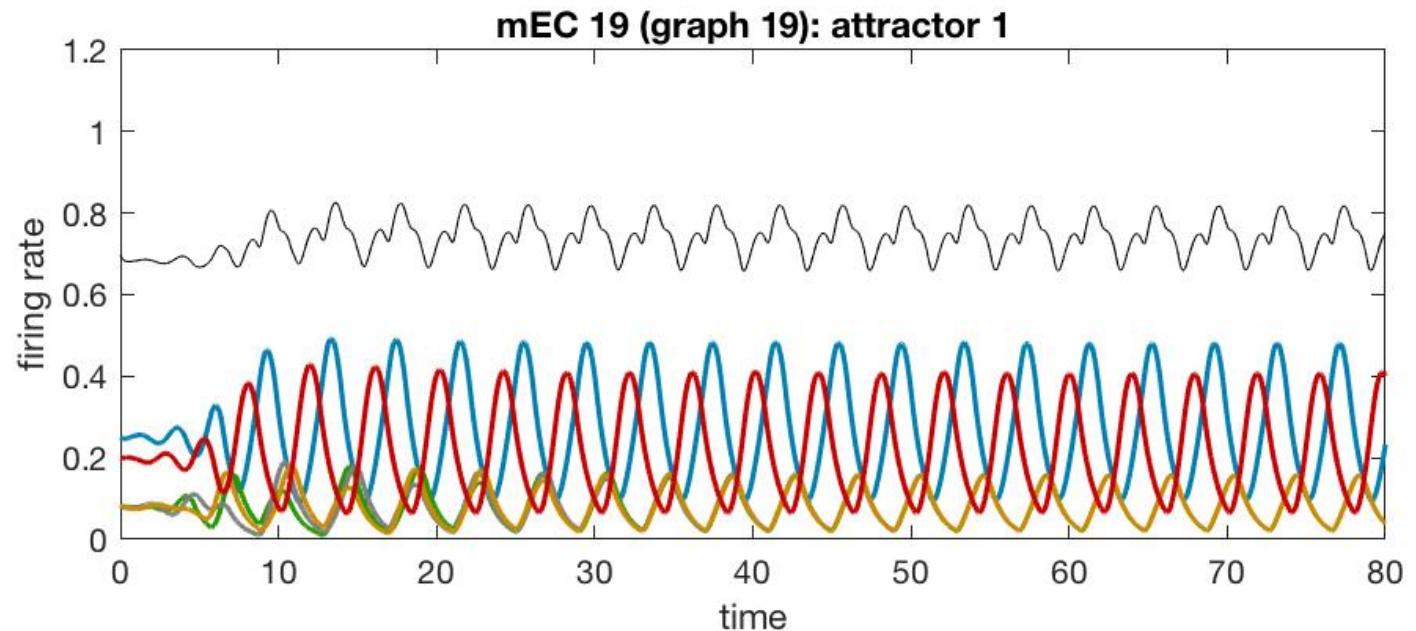
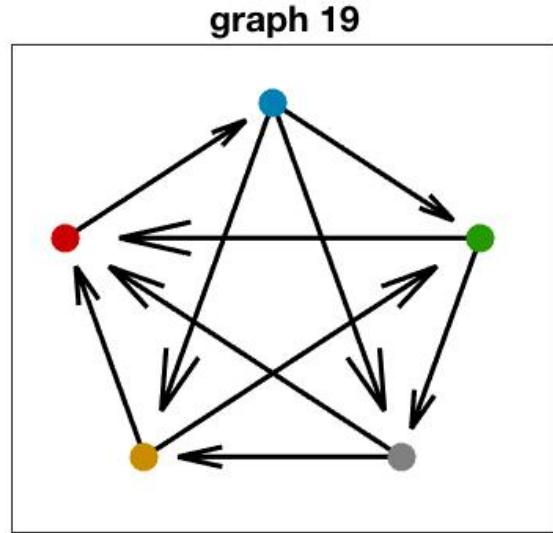
mEC 17



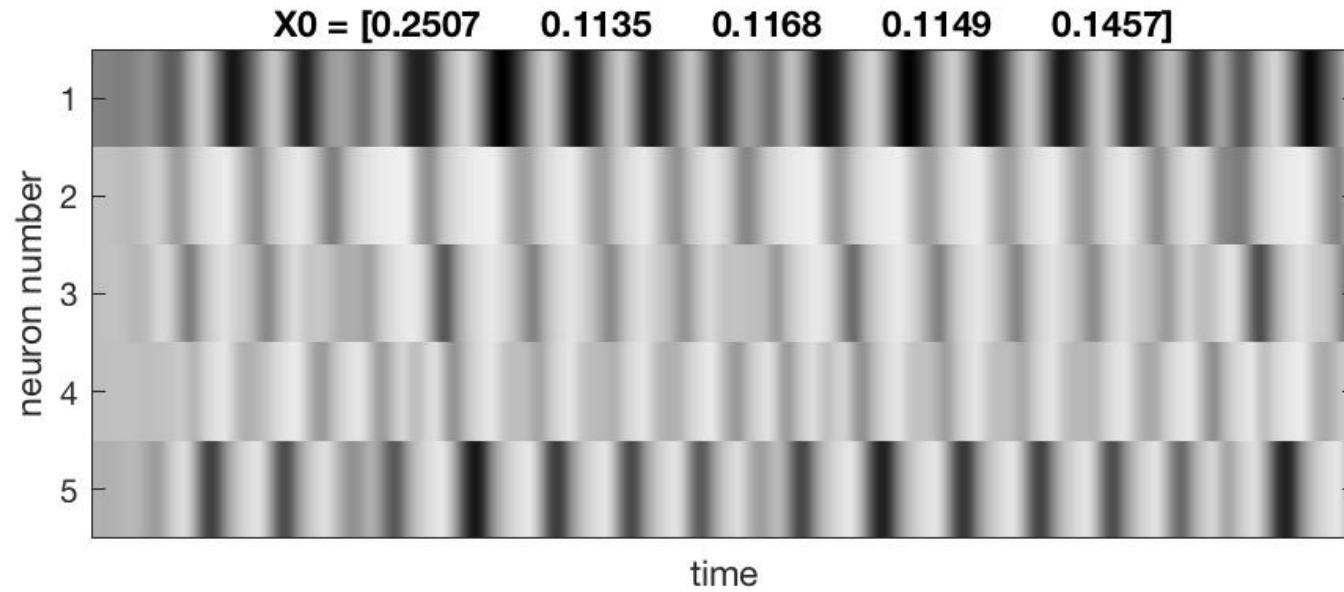
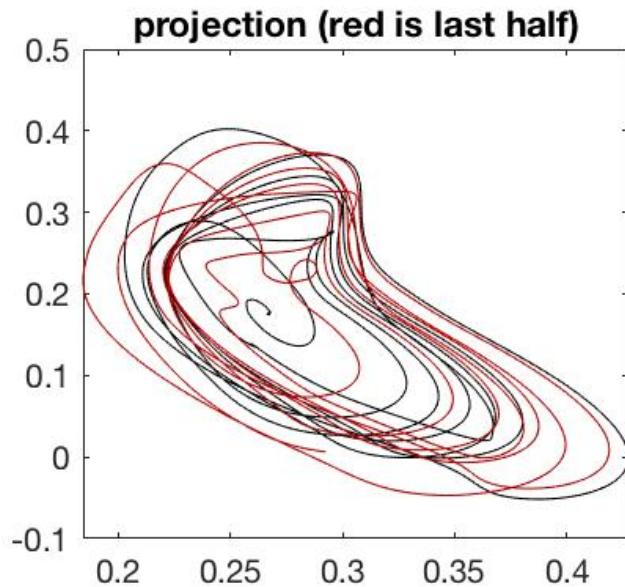
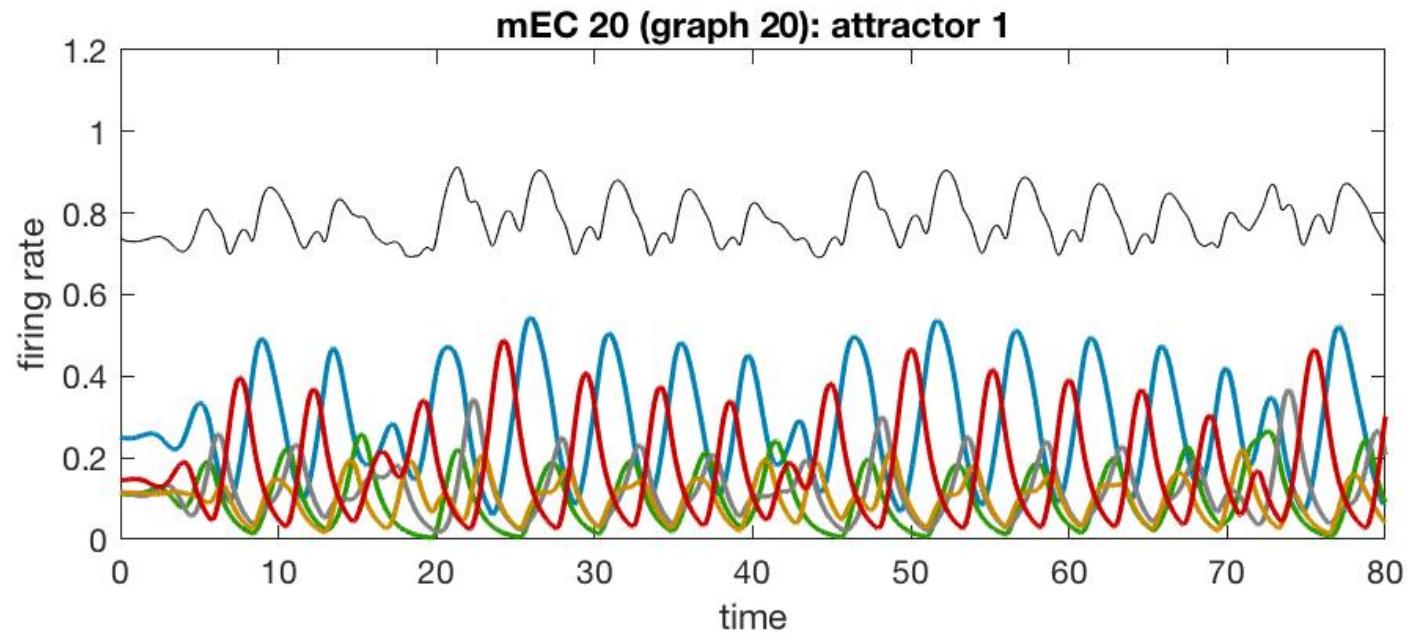
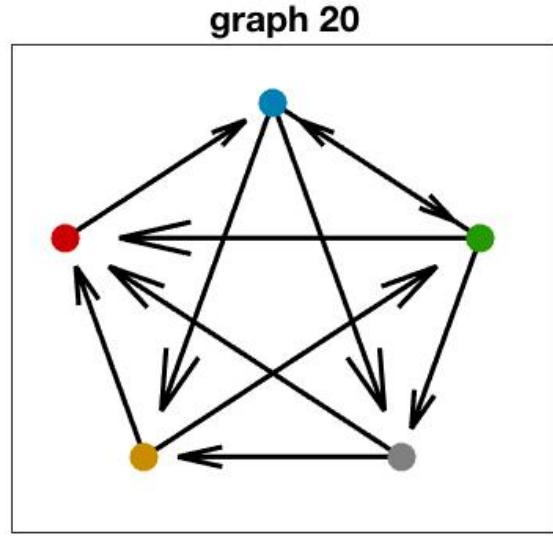
mEC 18



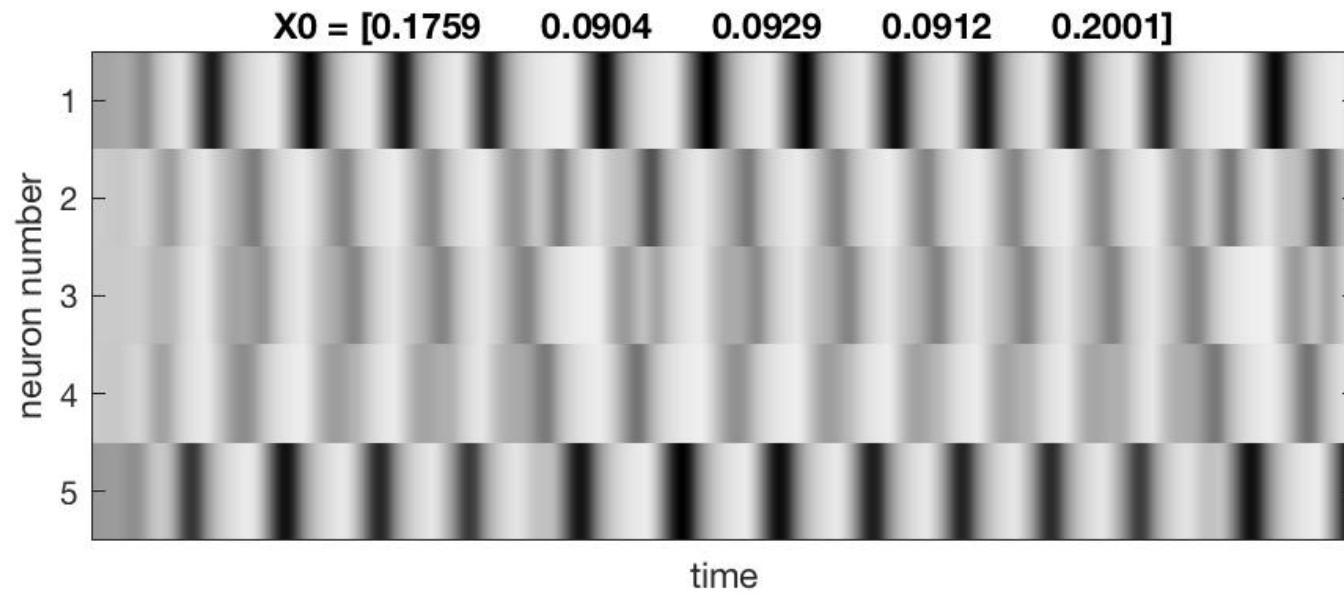
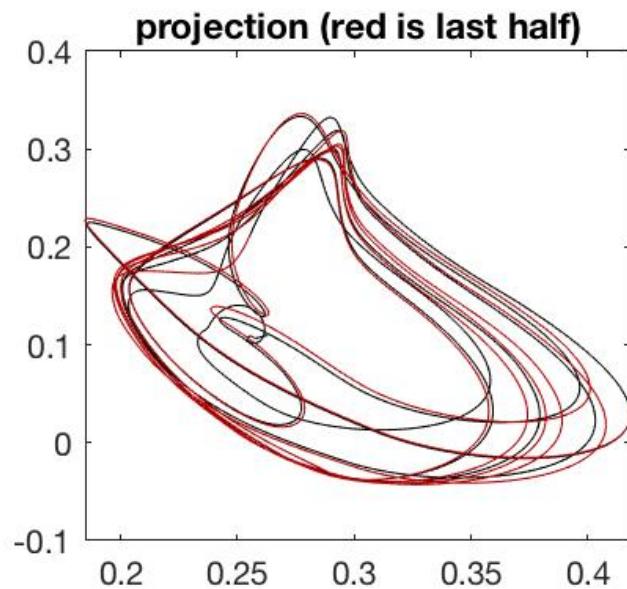
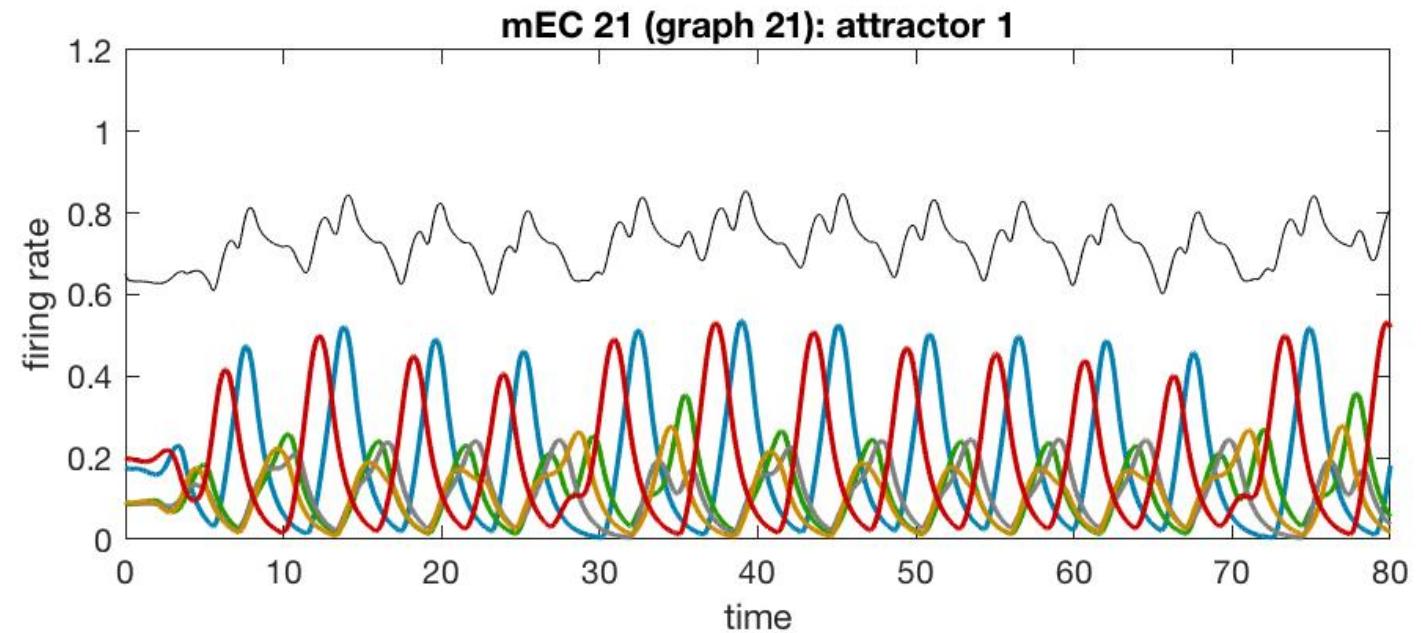
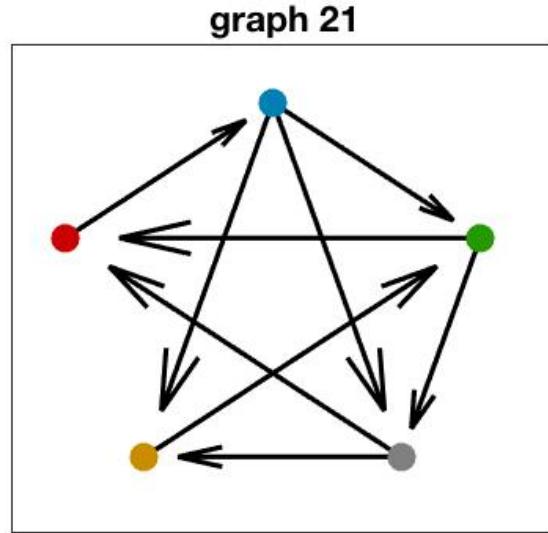
mEC 19



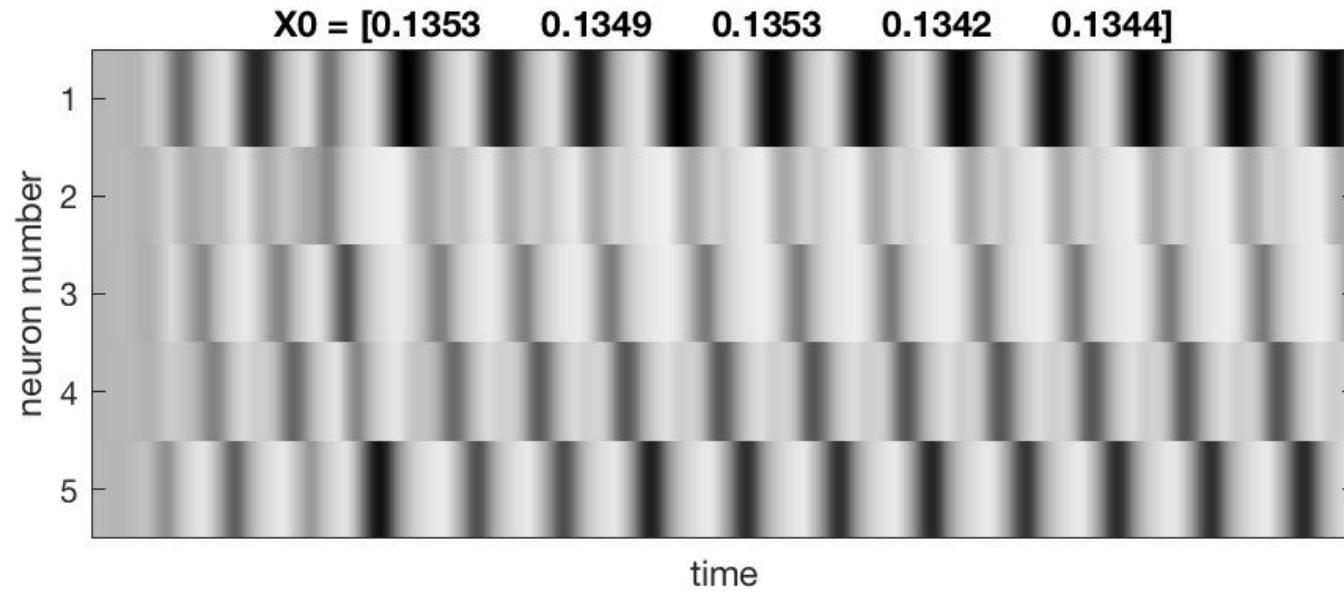
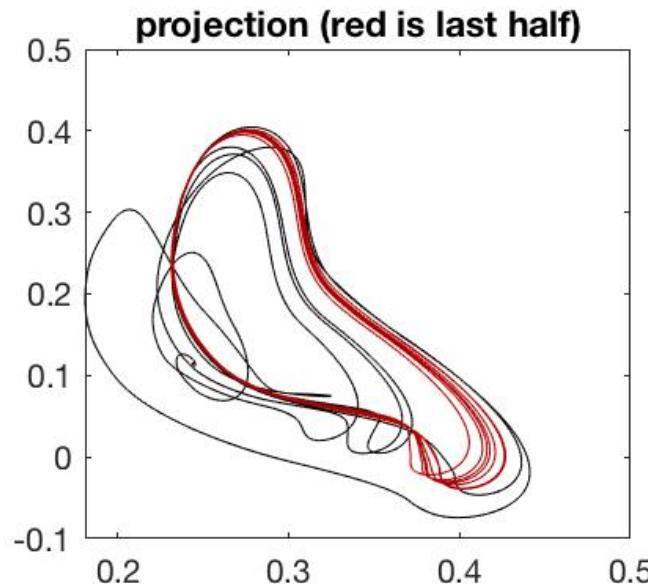
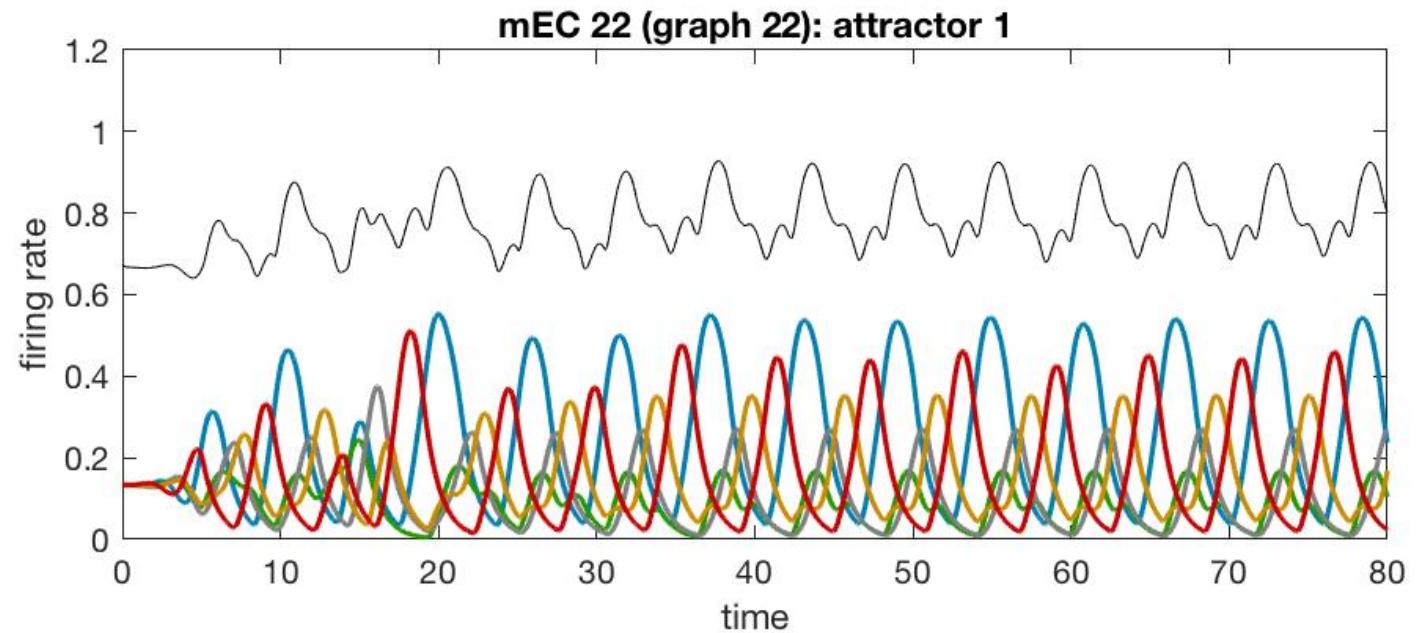
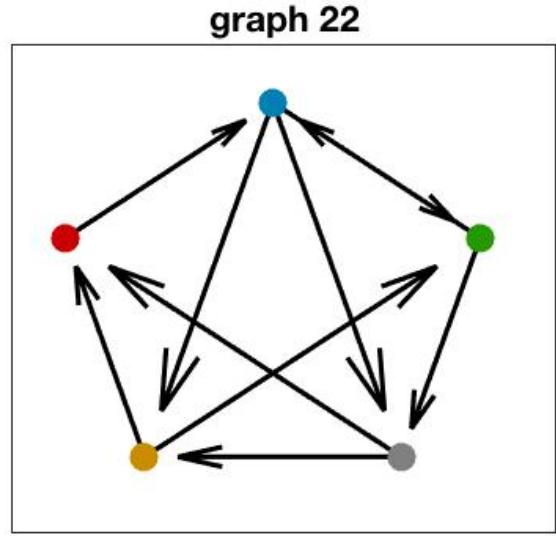
mEC 20



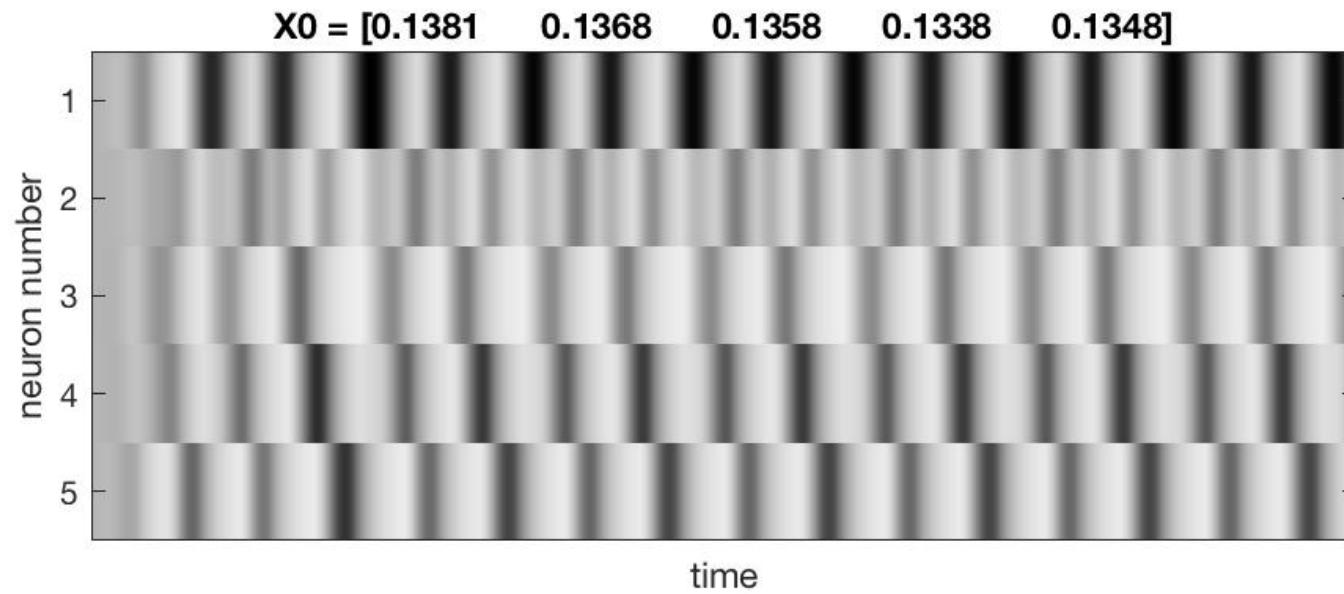
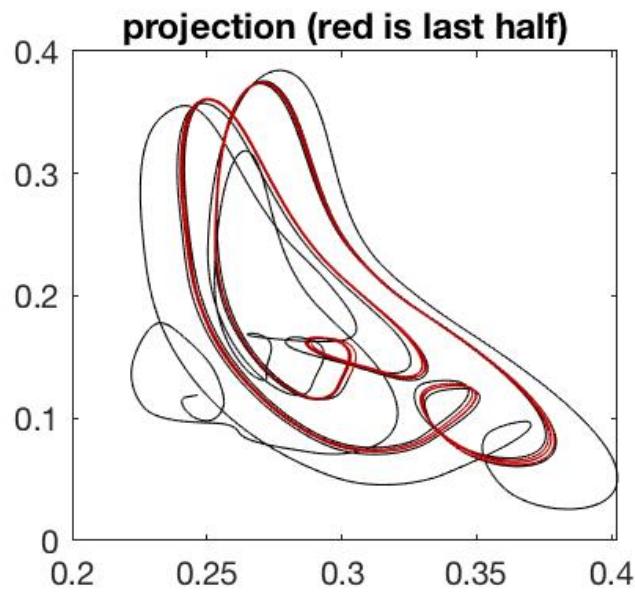
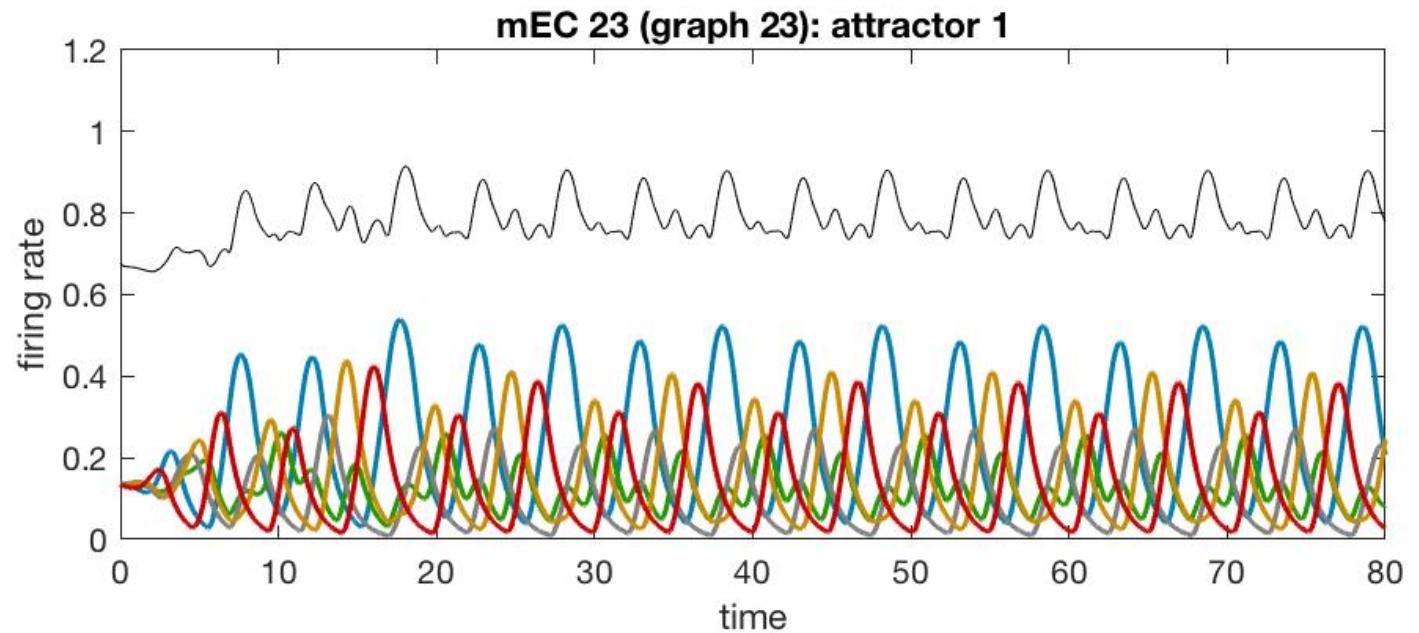
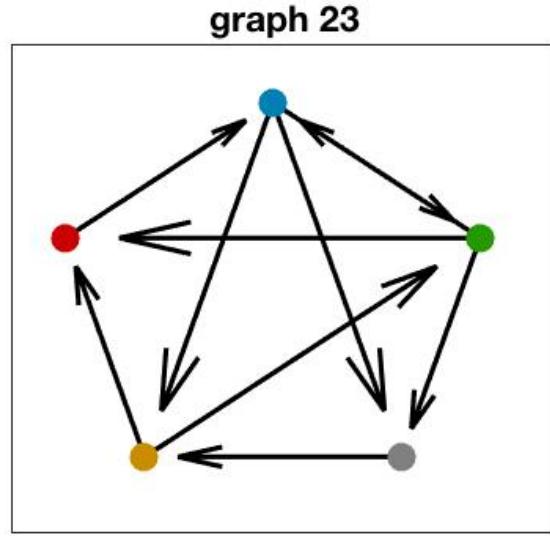
mEC 21



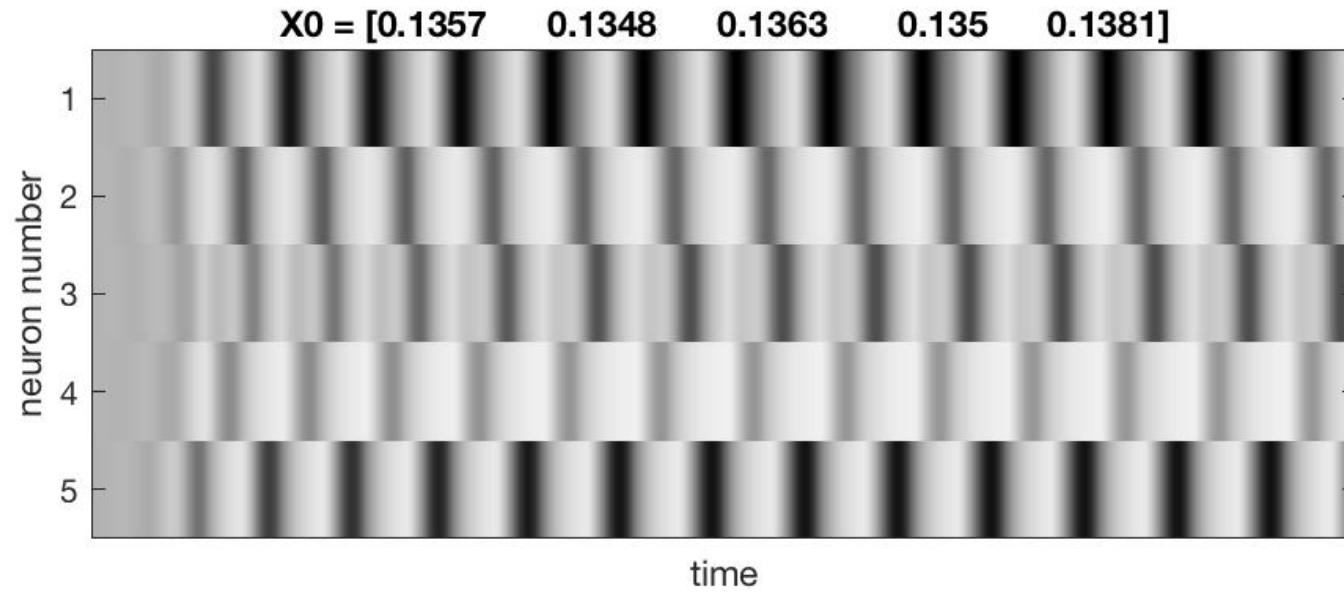
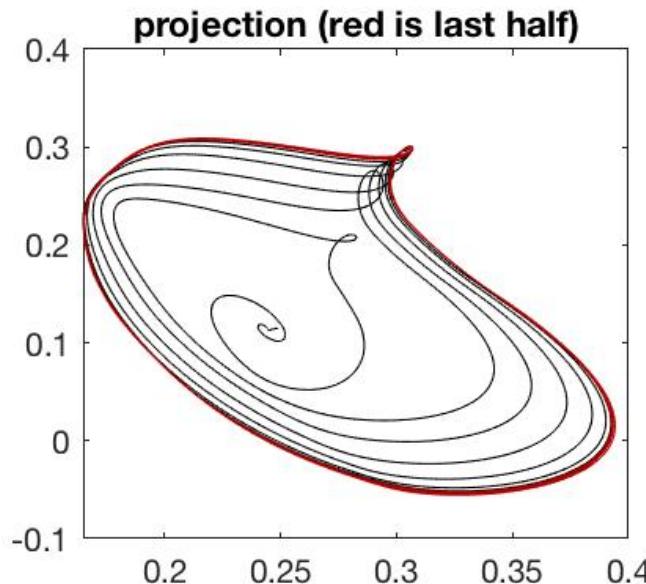
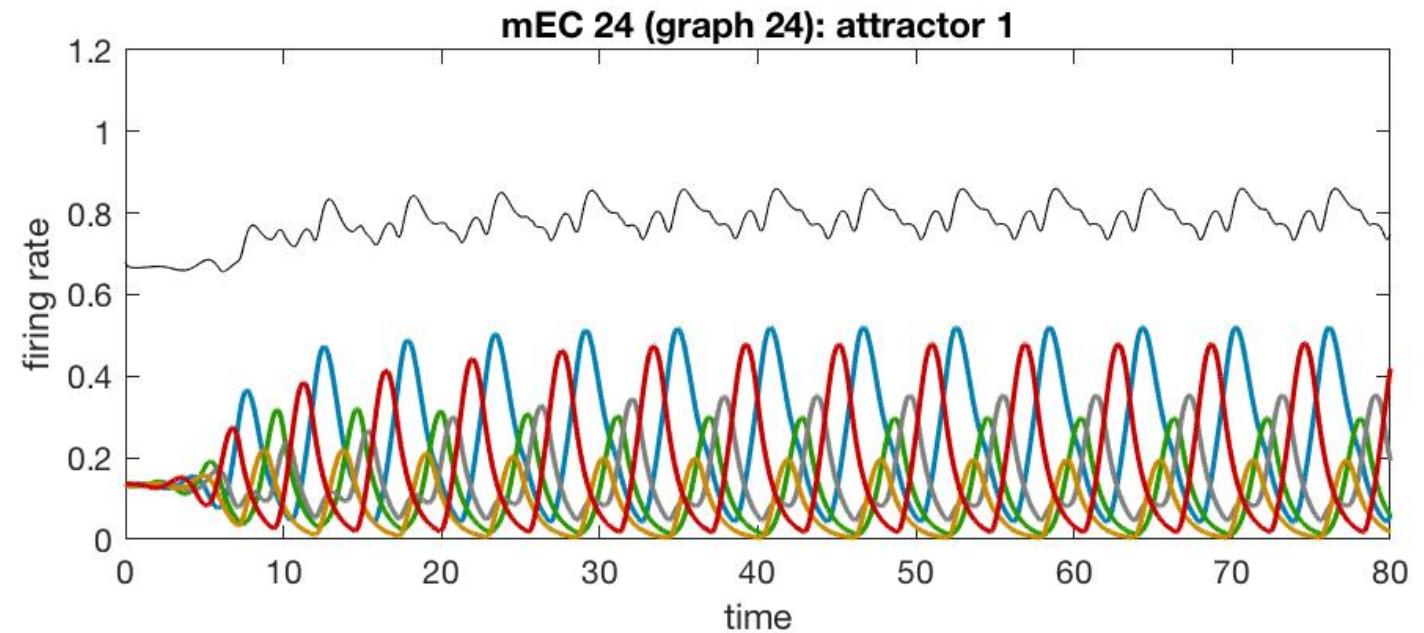
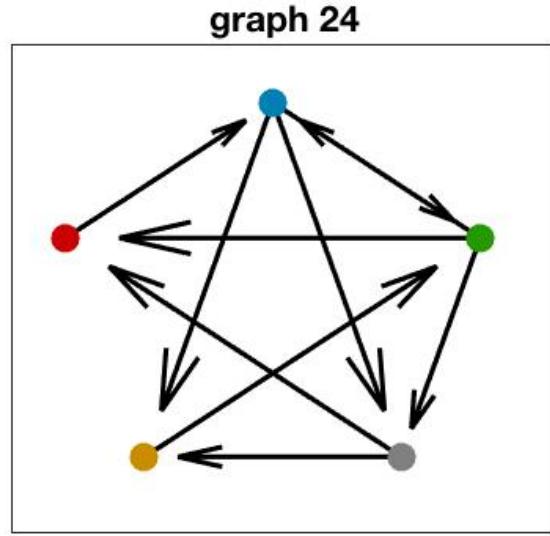
mEC 22



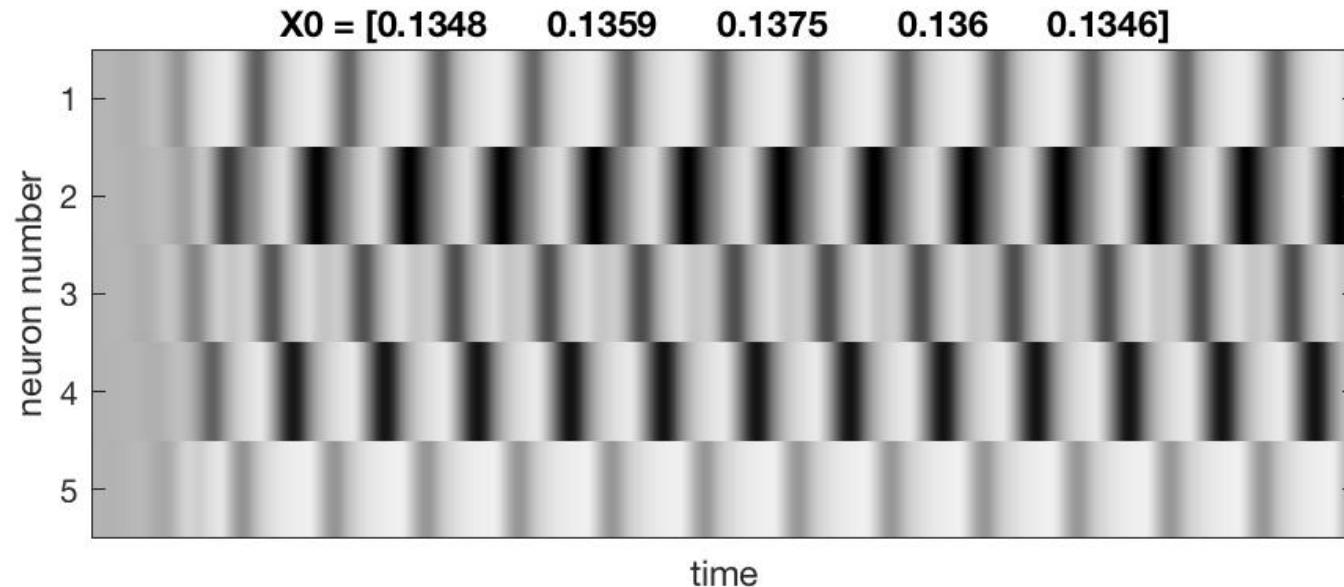
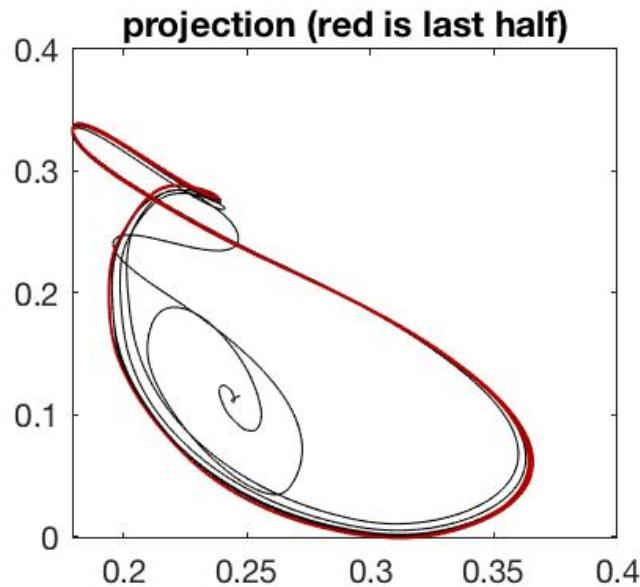
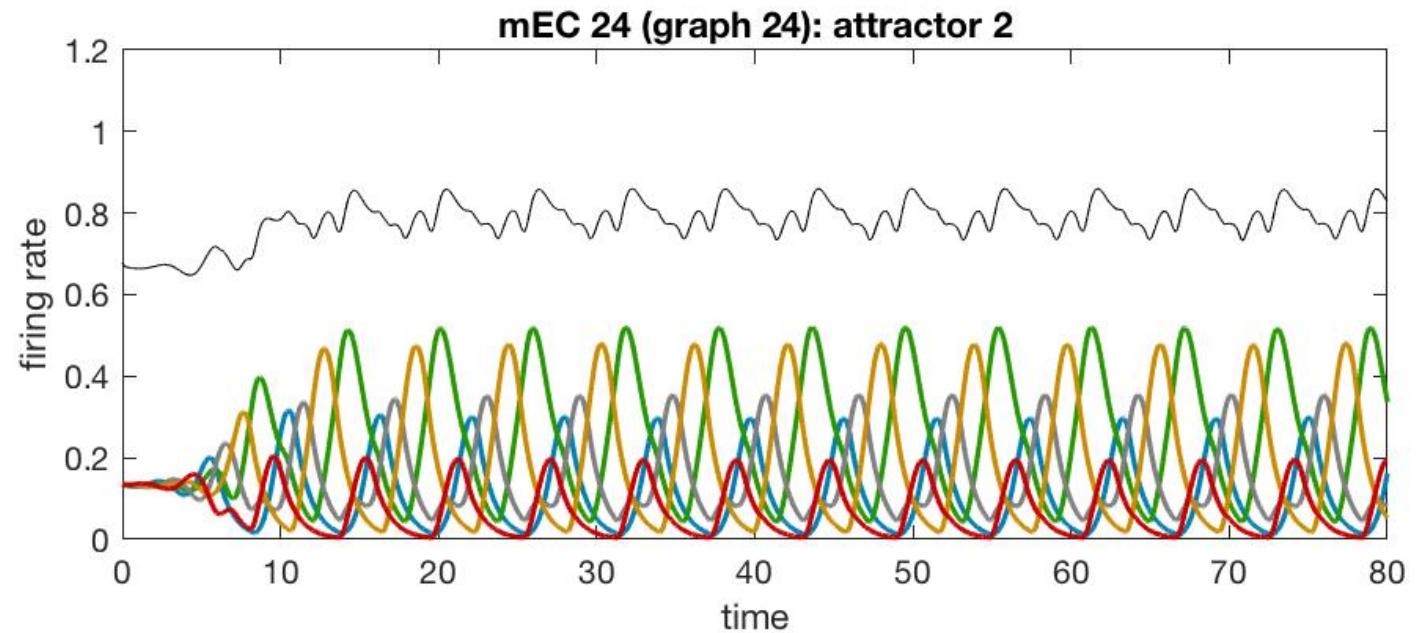
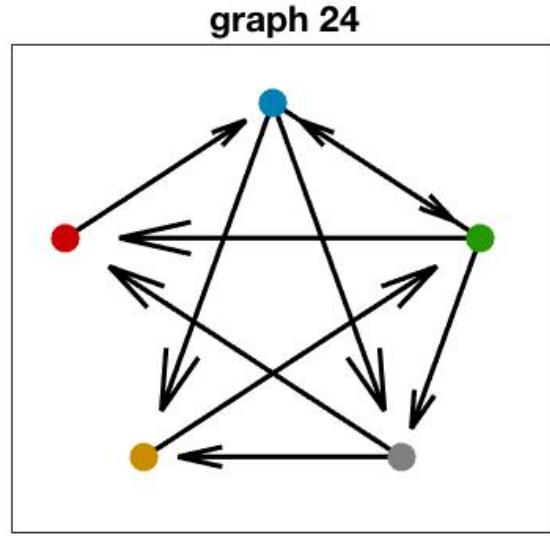
mEC 23



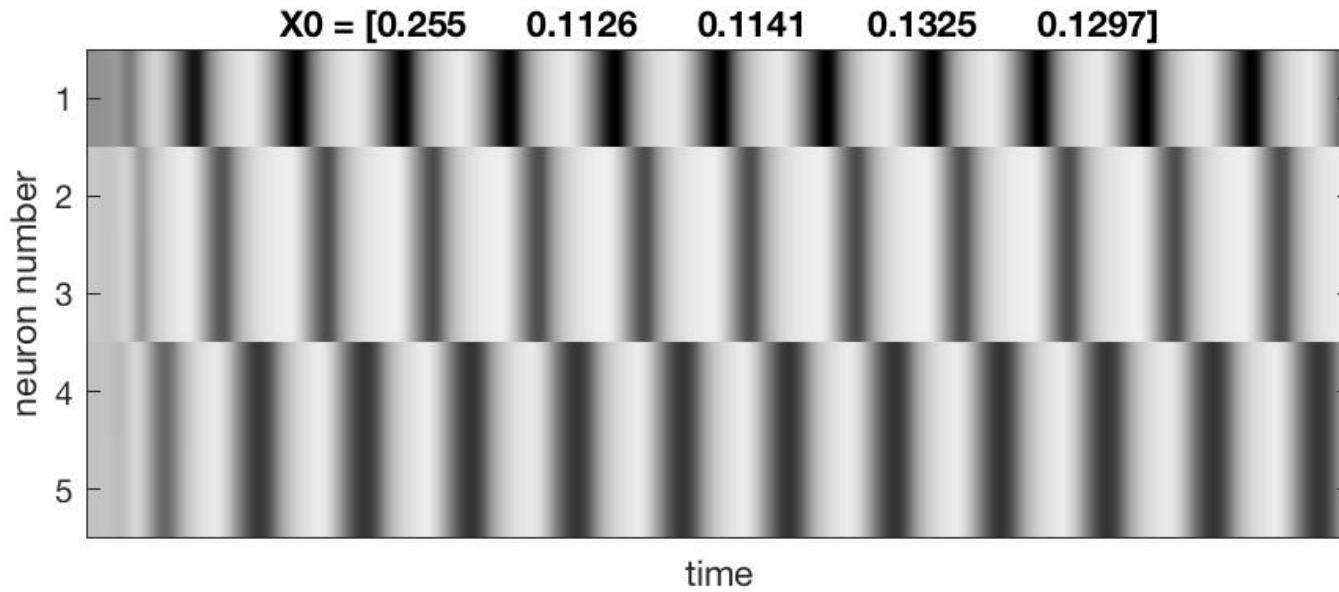
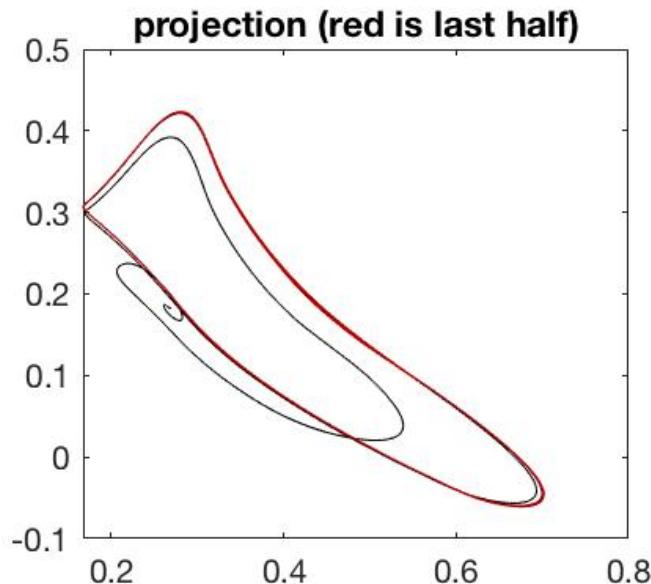
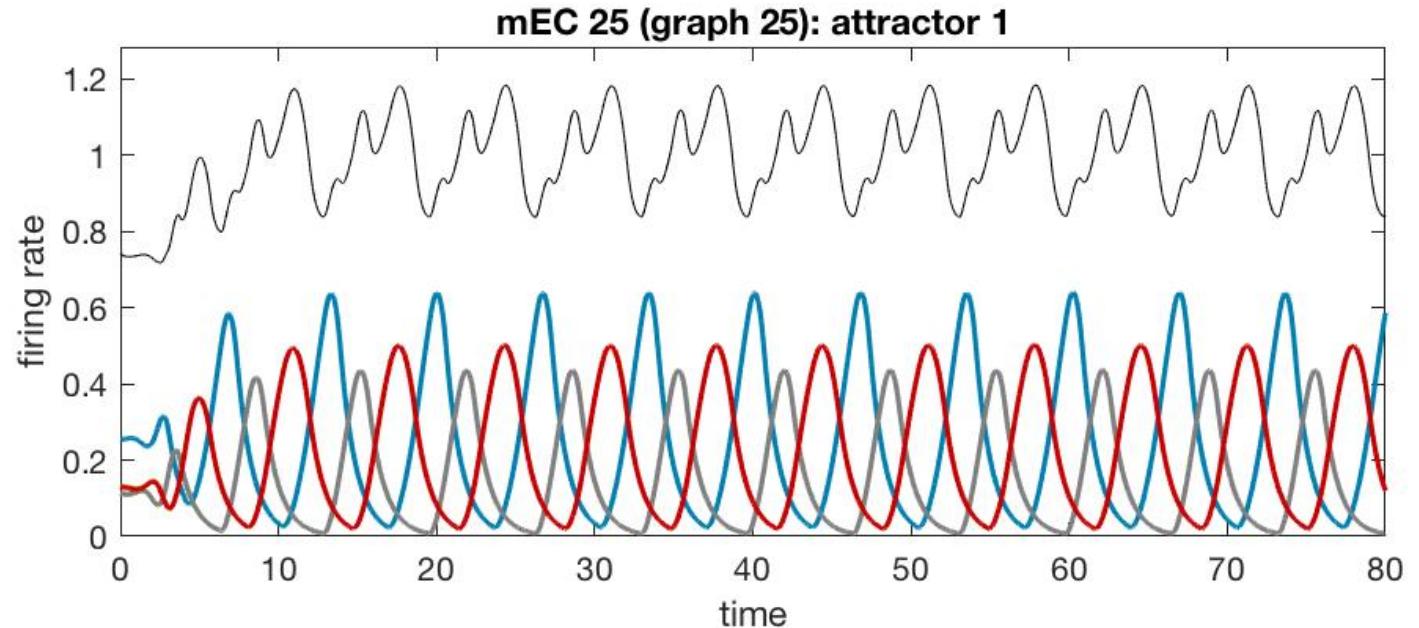
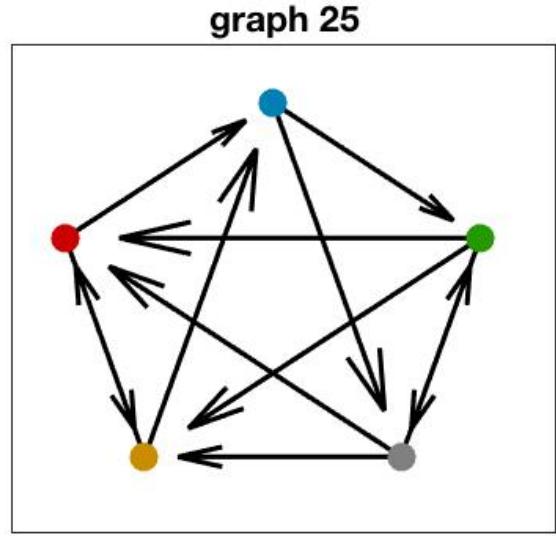
mEC 24



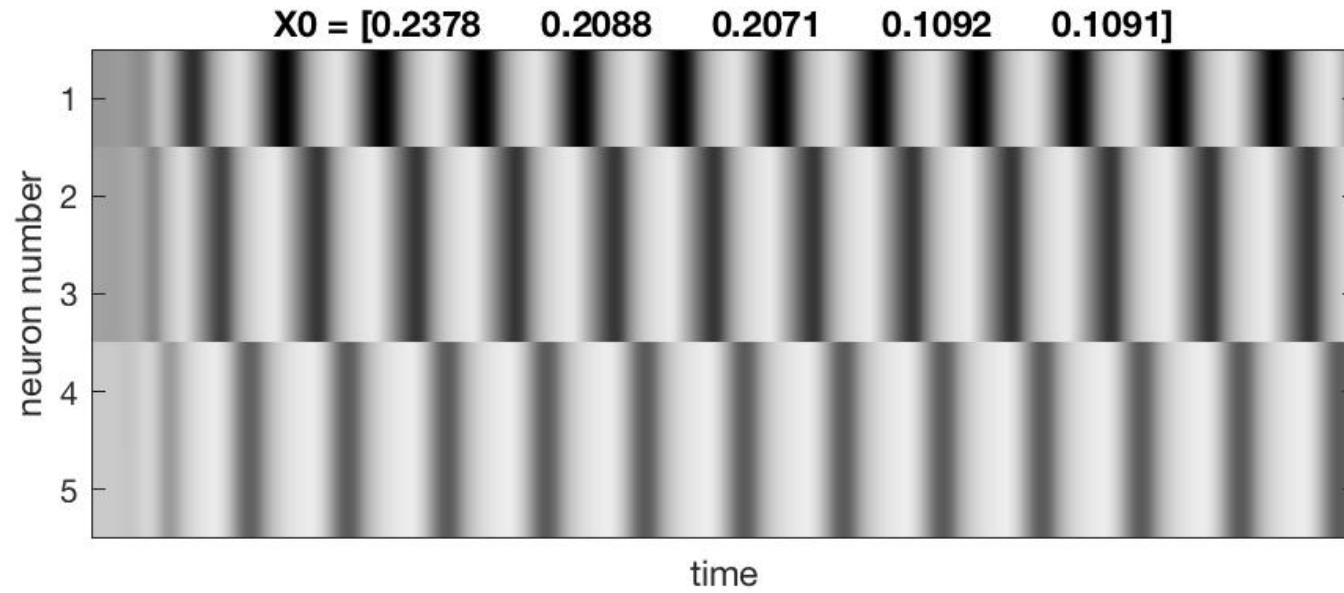
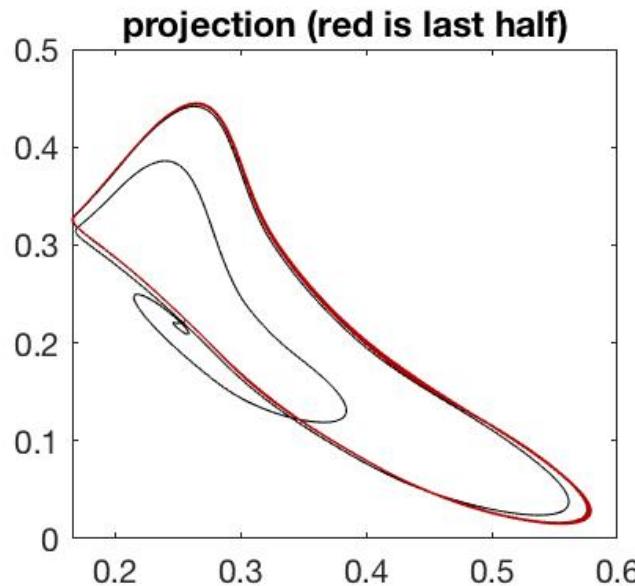
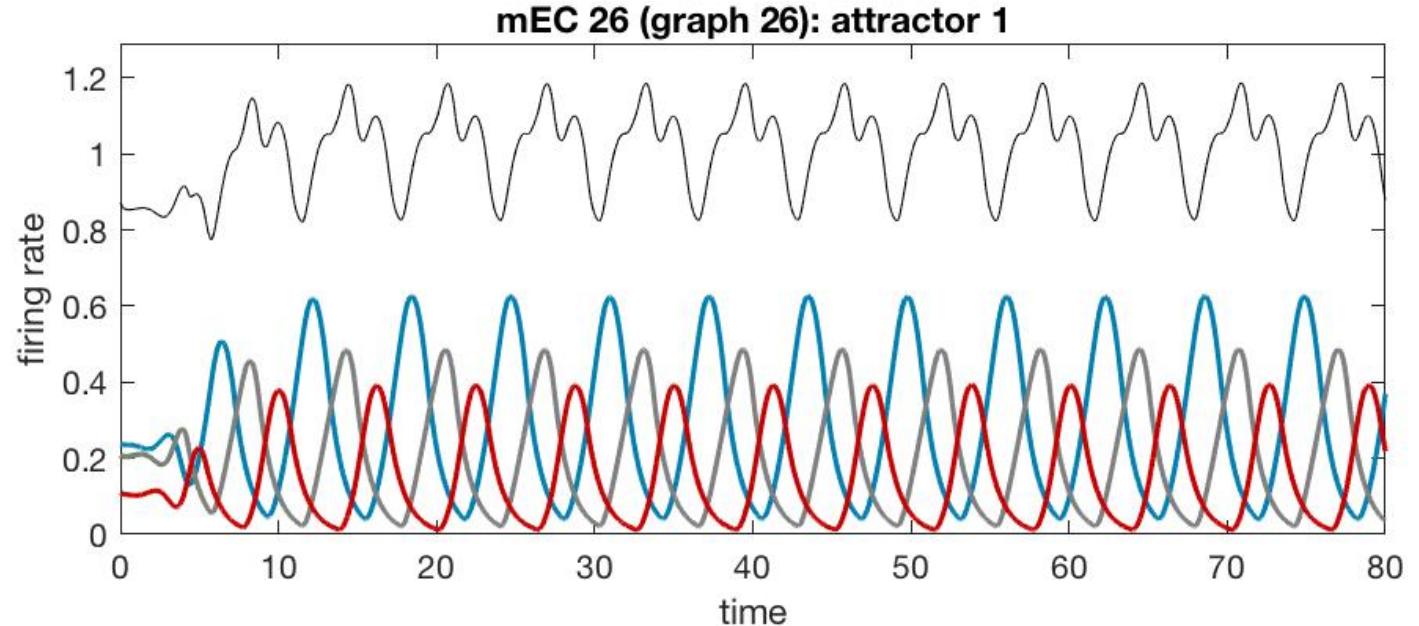
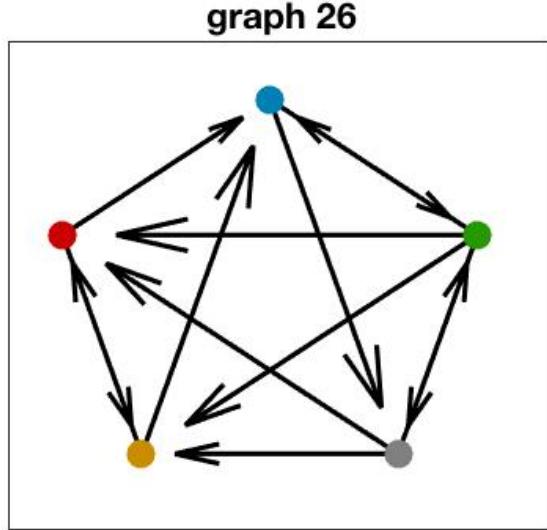
mEC 24



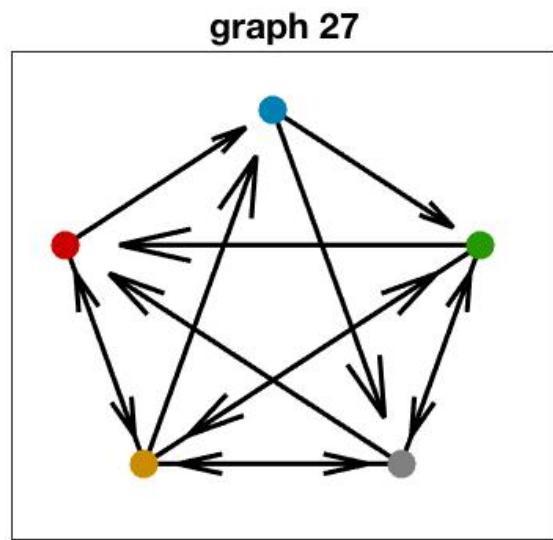
mEC 25



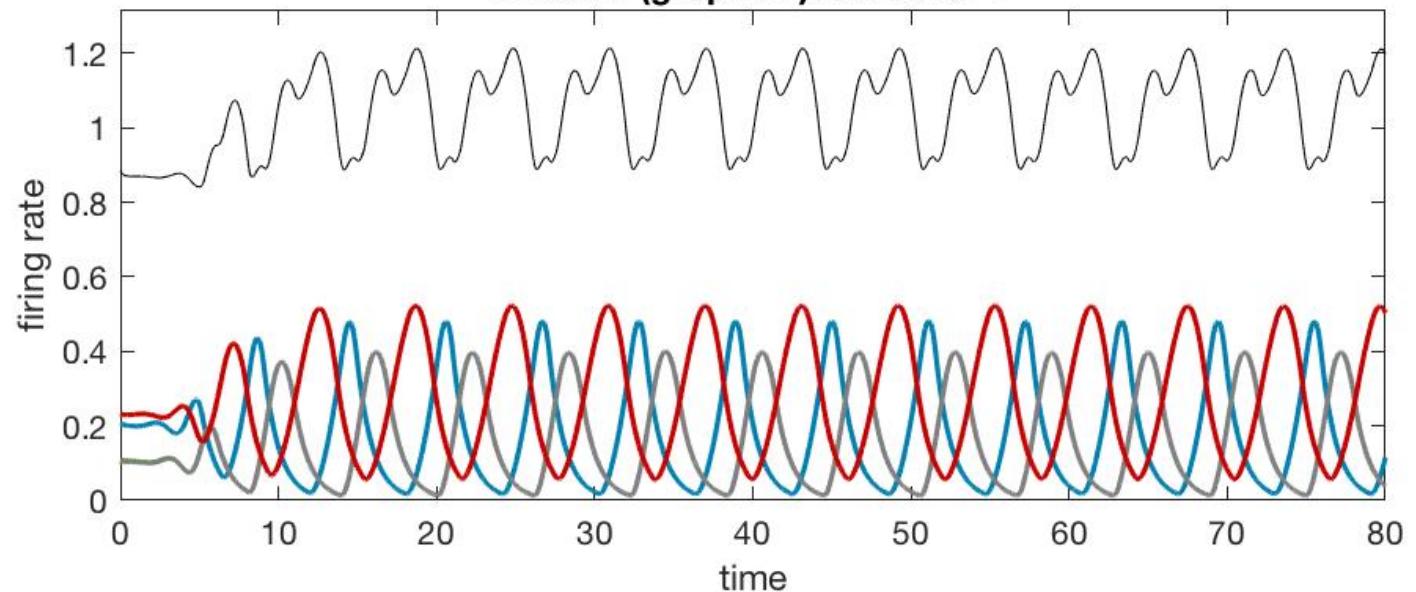
mEC 26



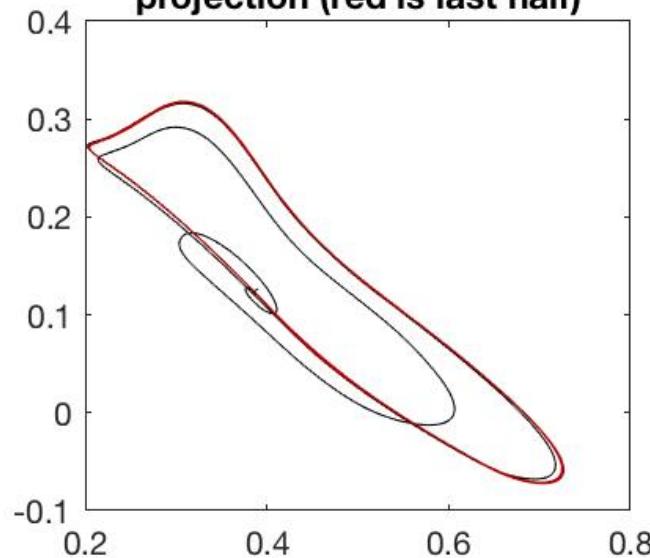
mEC 27



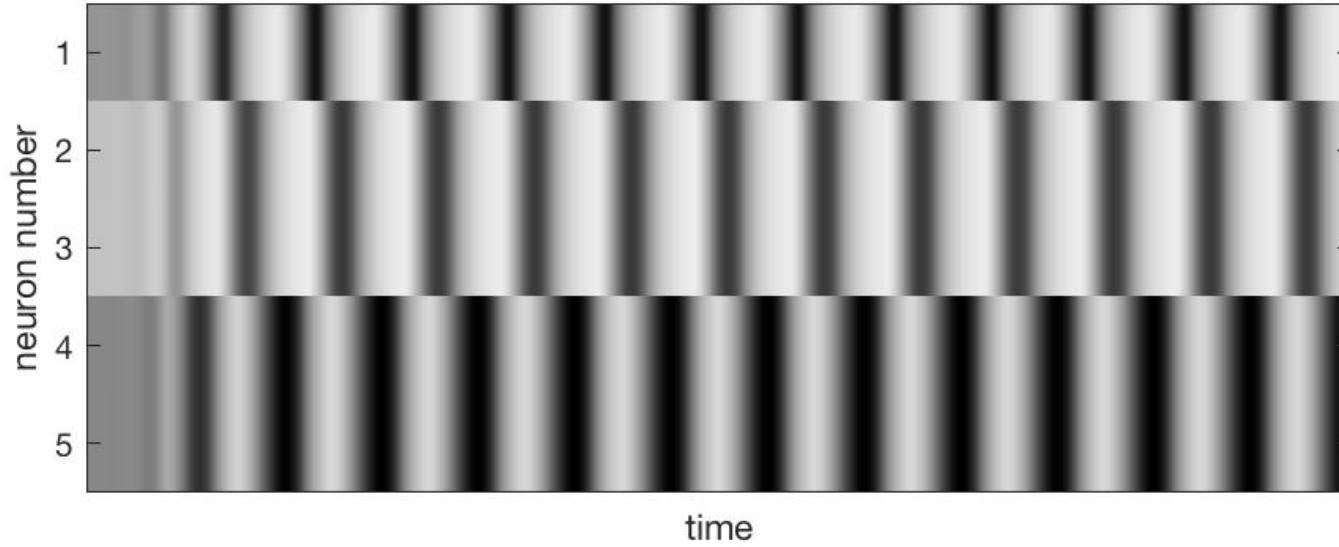
mEC 27 (graph 27): attractor 1



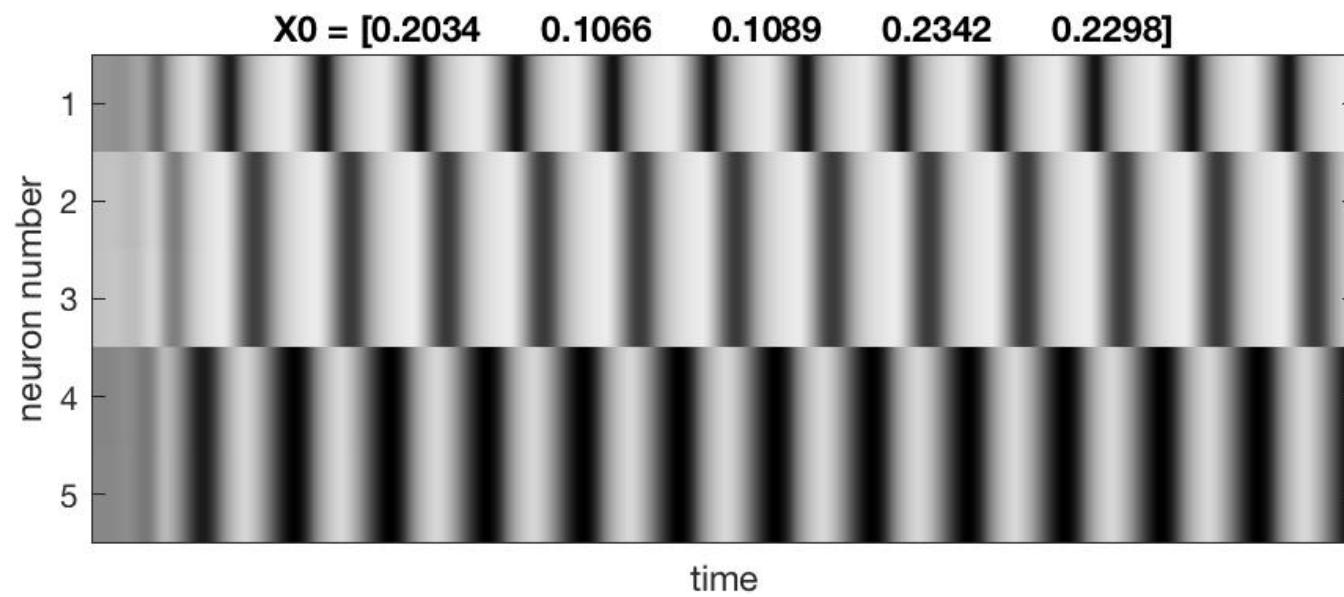
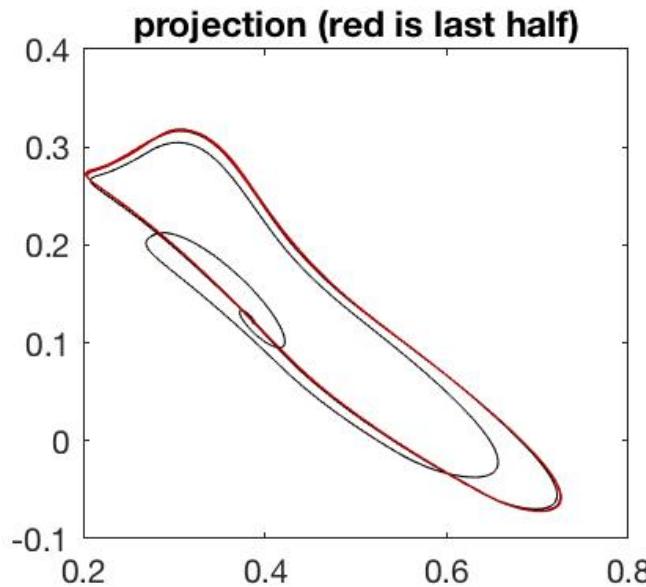
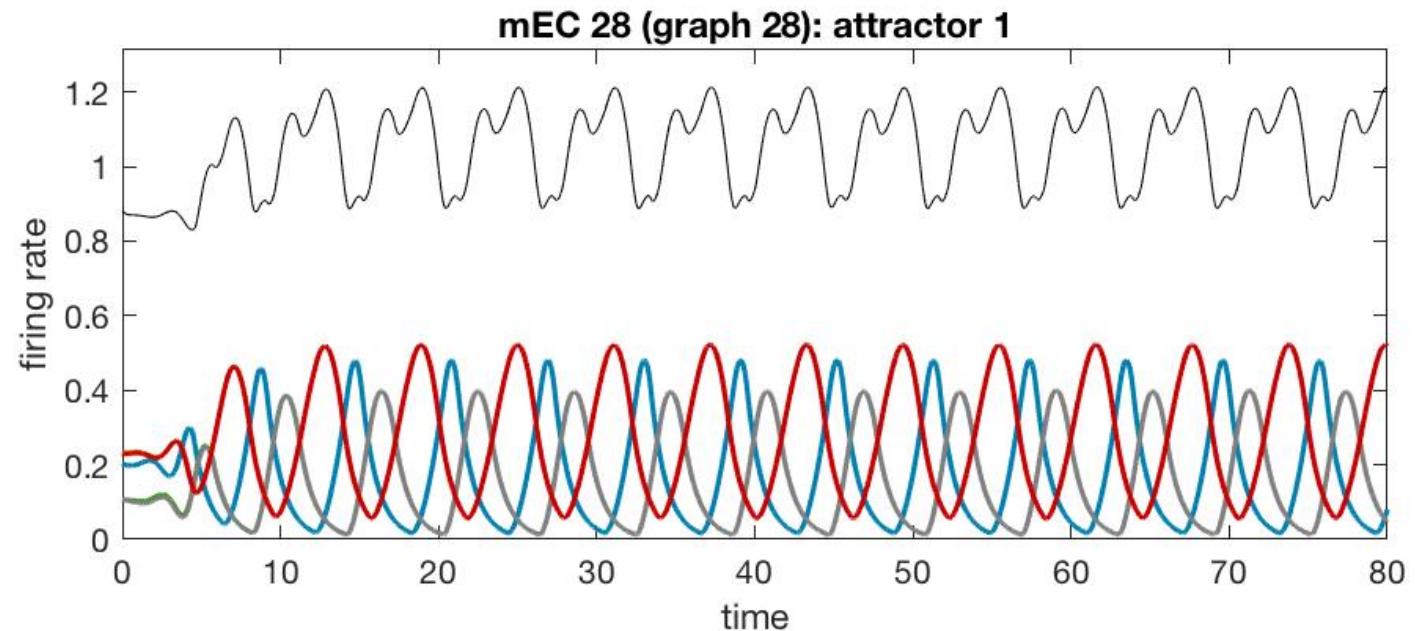
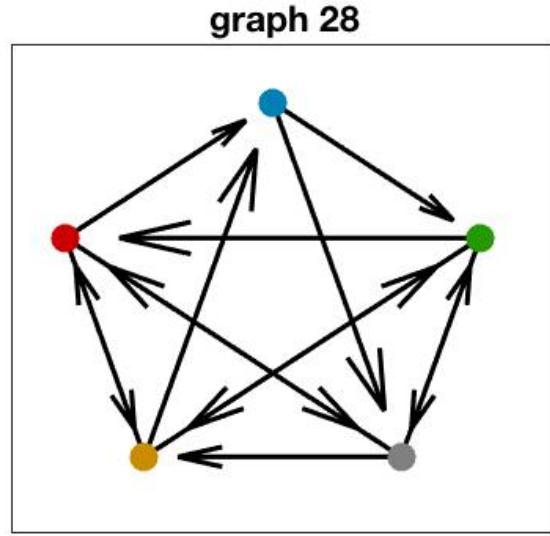
projection (red is last half)



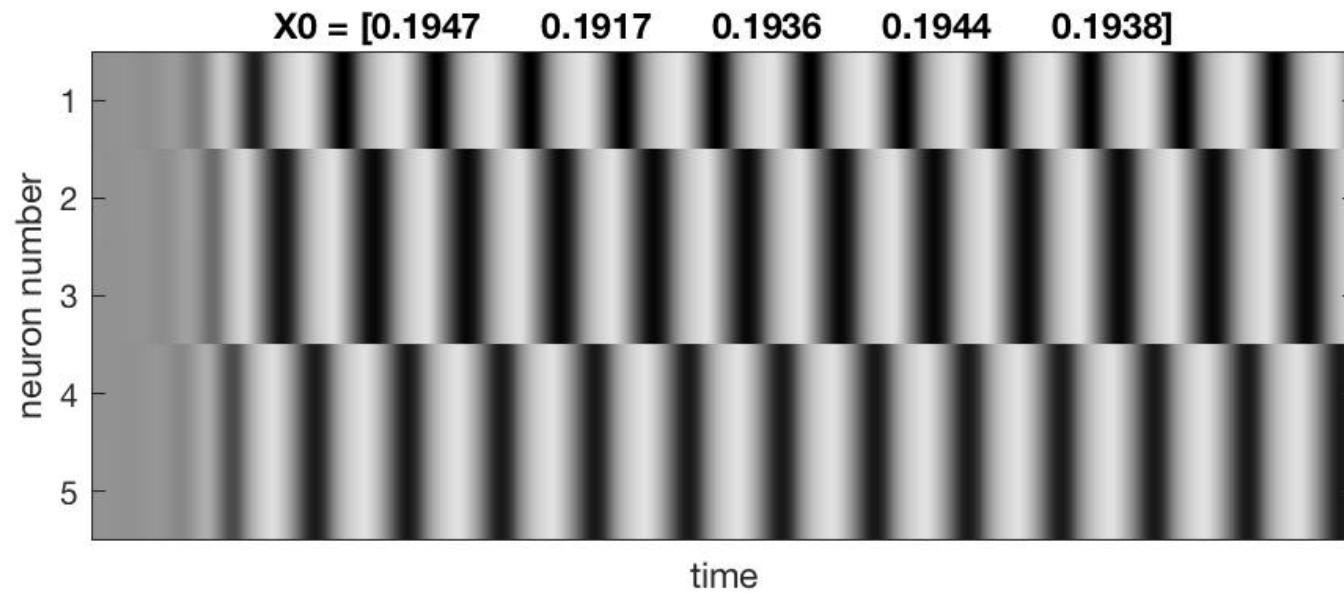
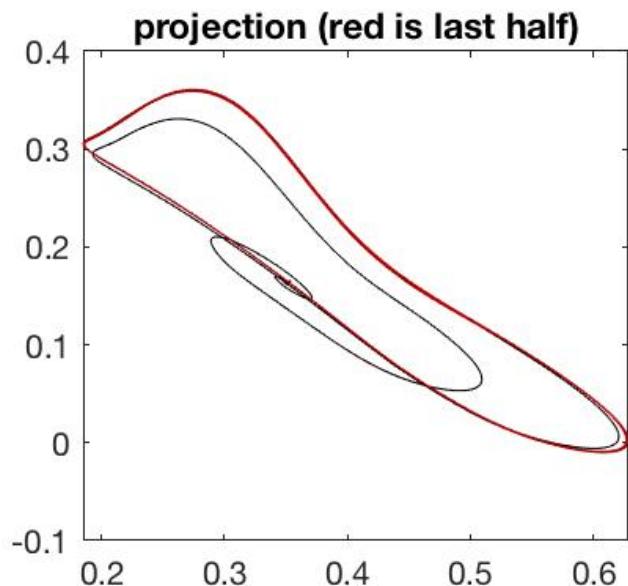
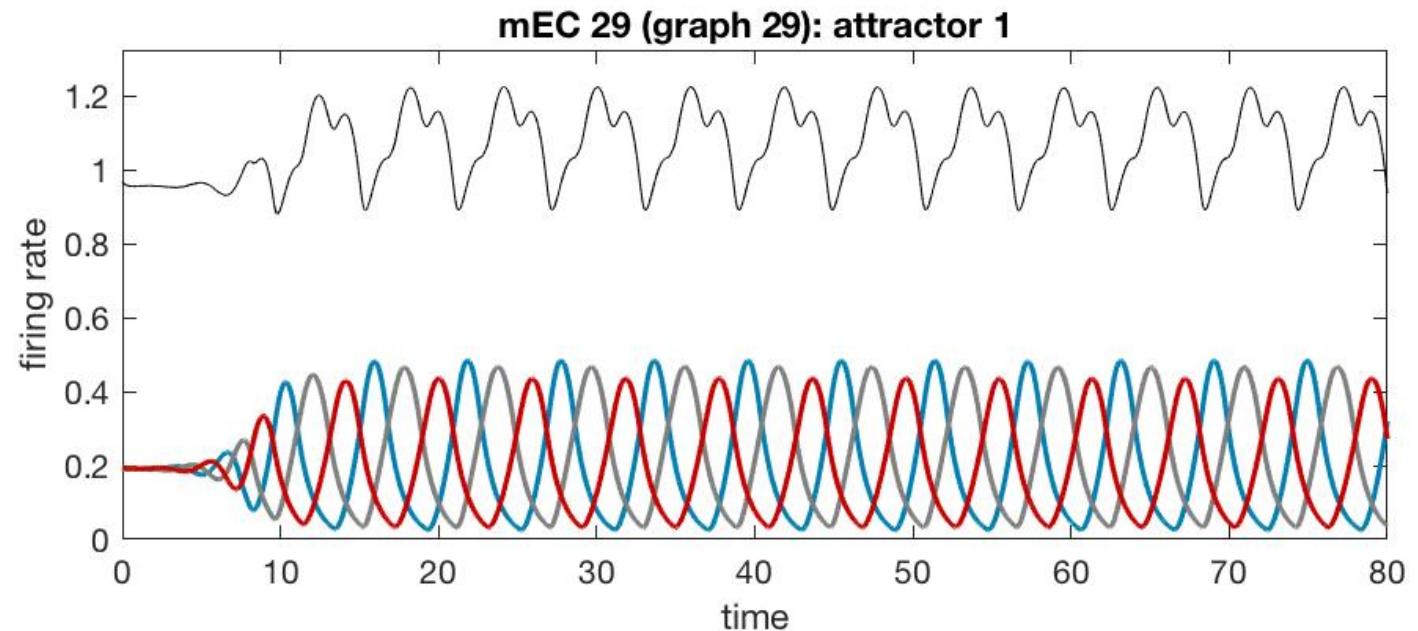
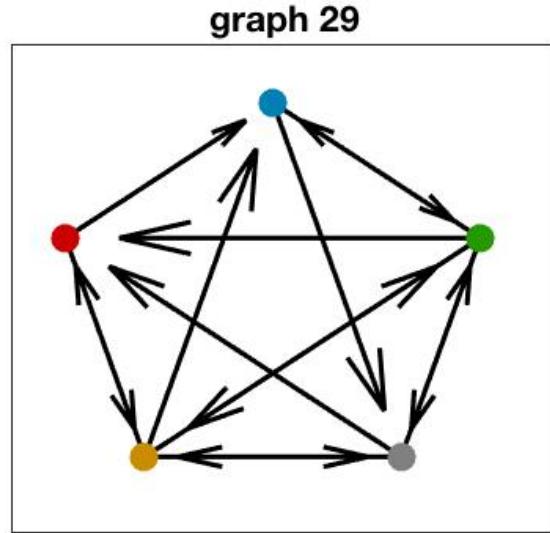
$X_0 = [0.2061 \quad 0.1088 \quad 0.1055 \quad 0.2328 \quad 0.2323]$



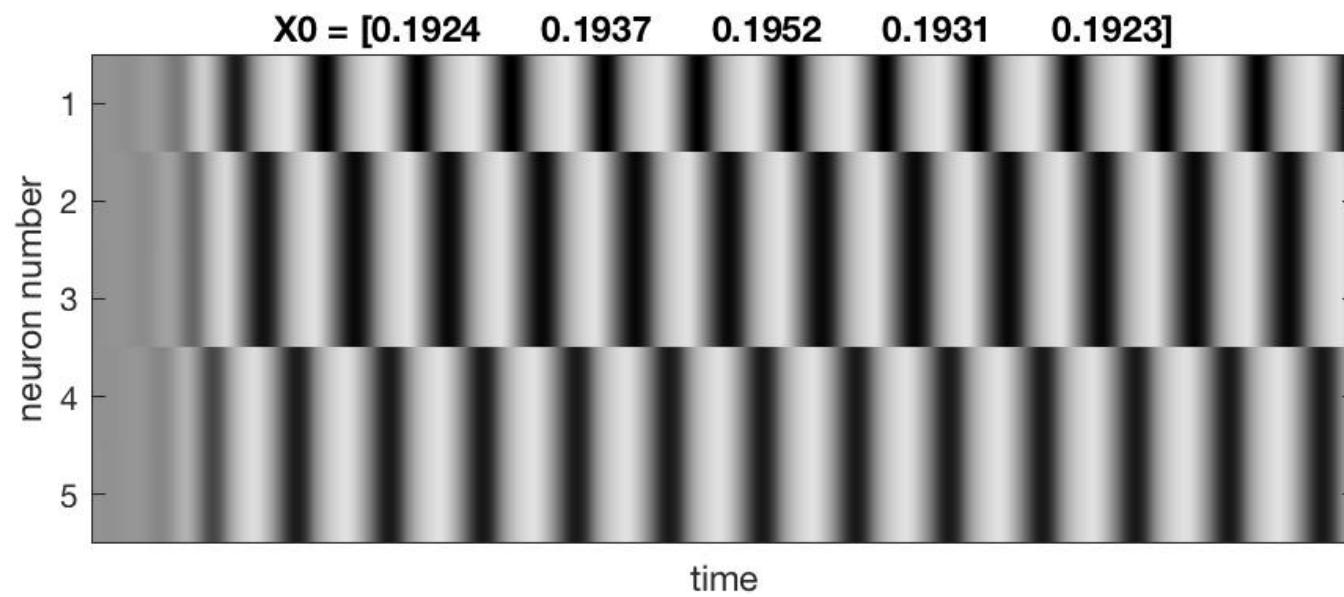
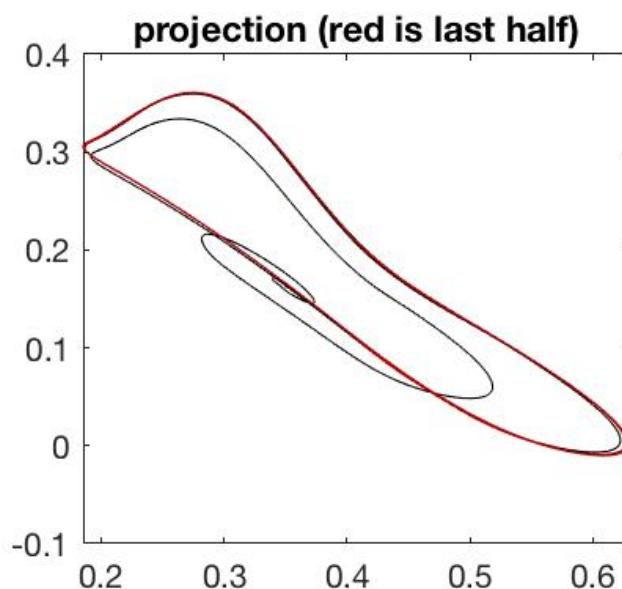
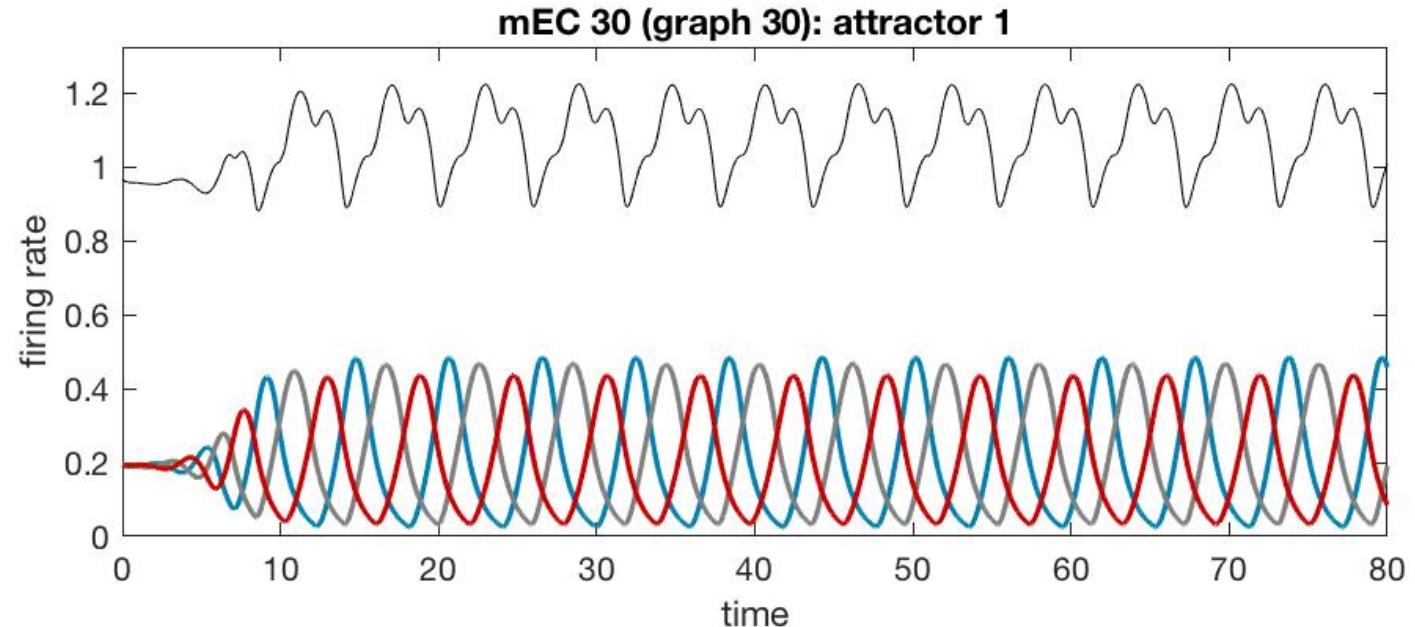
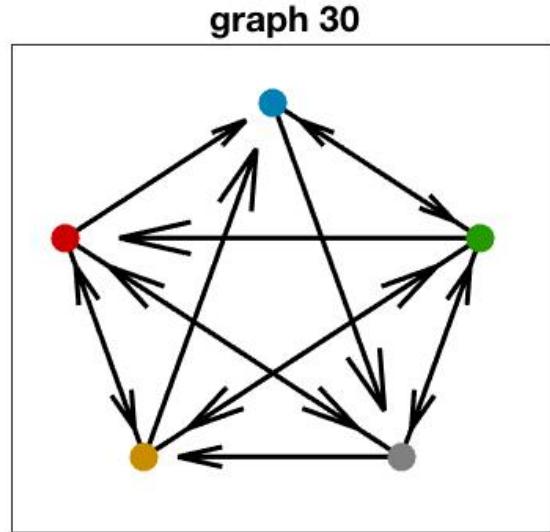
mEC 28



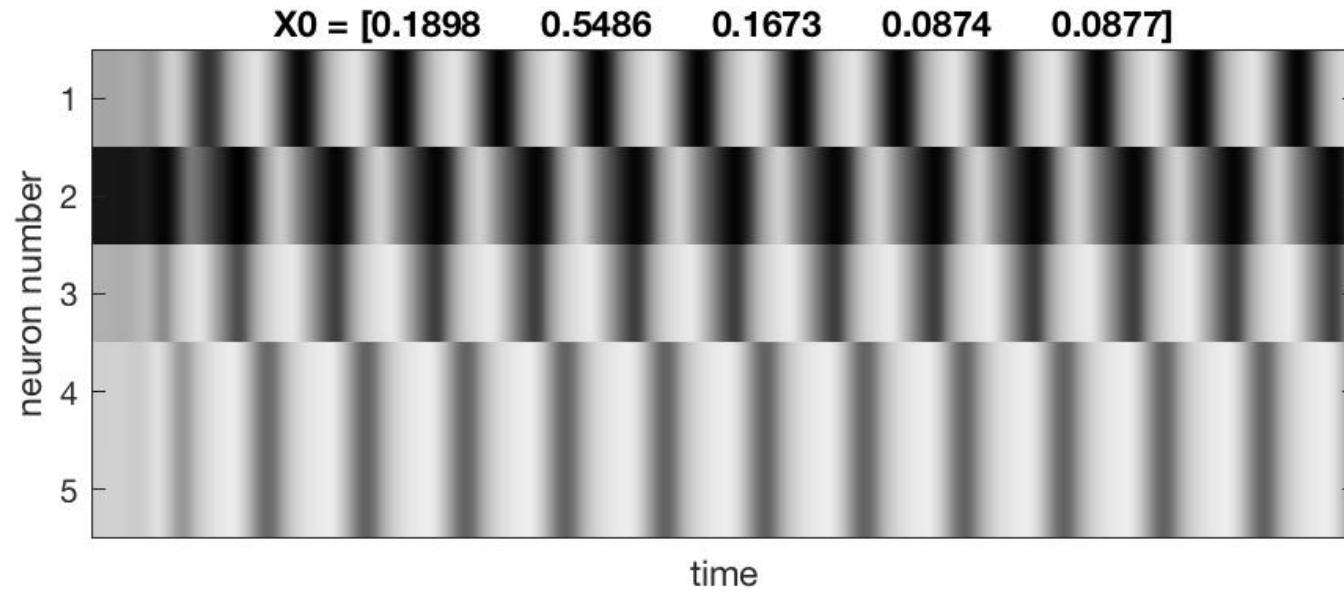
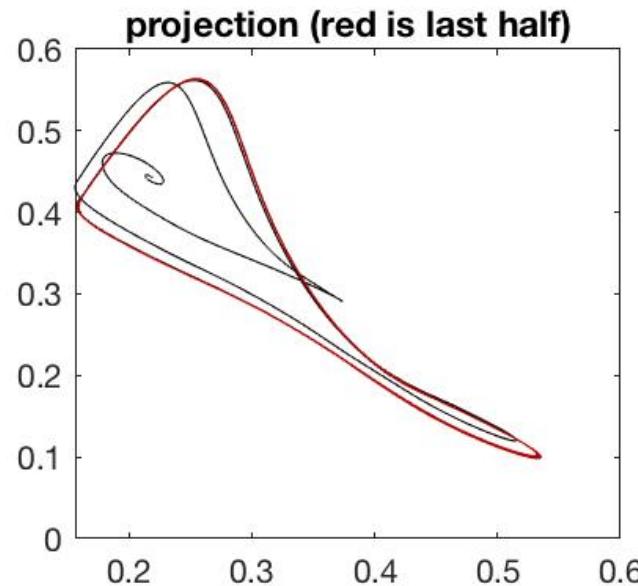
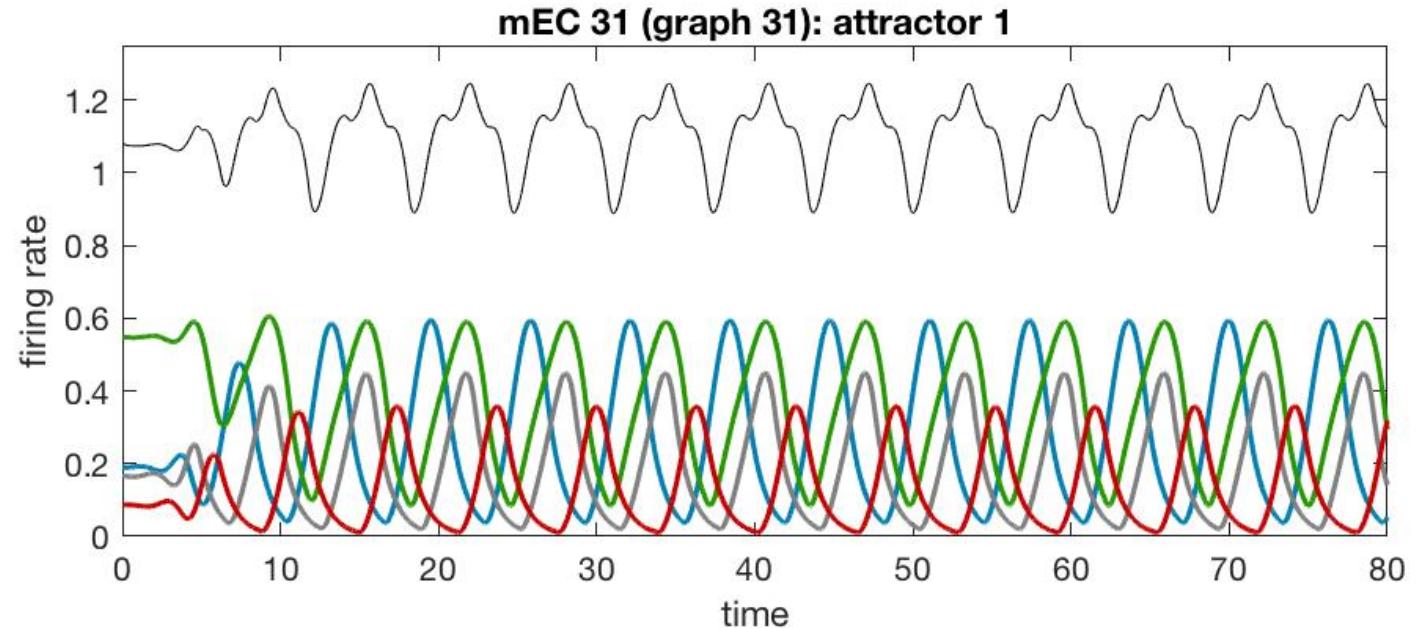
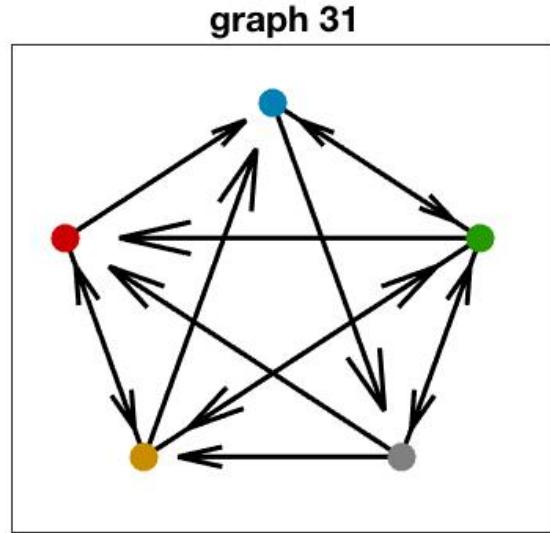
mEC 29



mEC 30

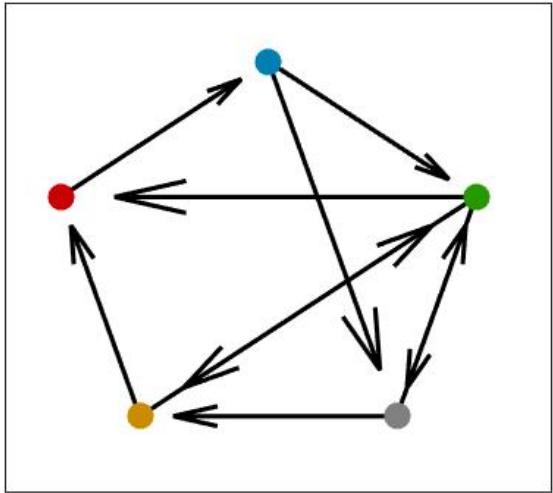


mEC 31

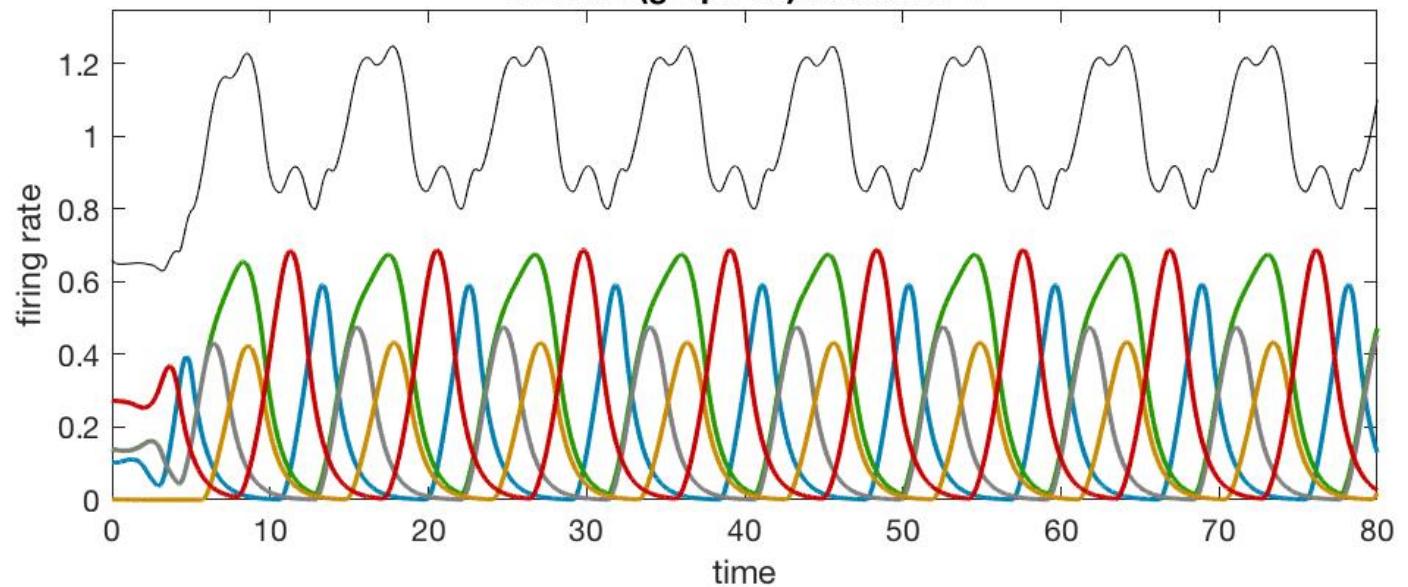


mEC 32

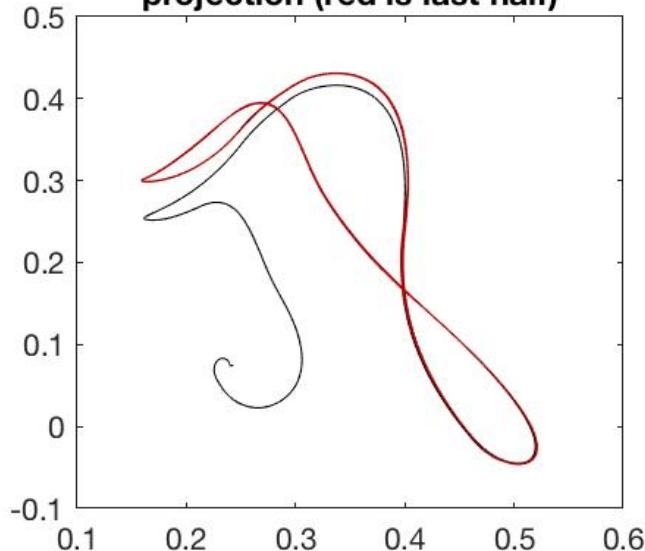
graph 32



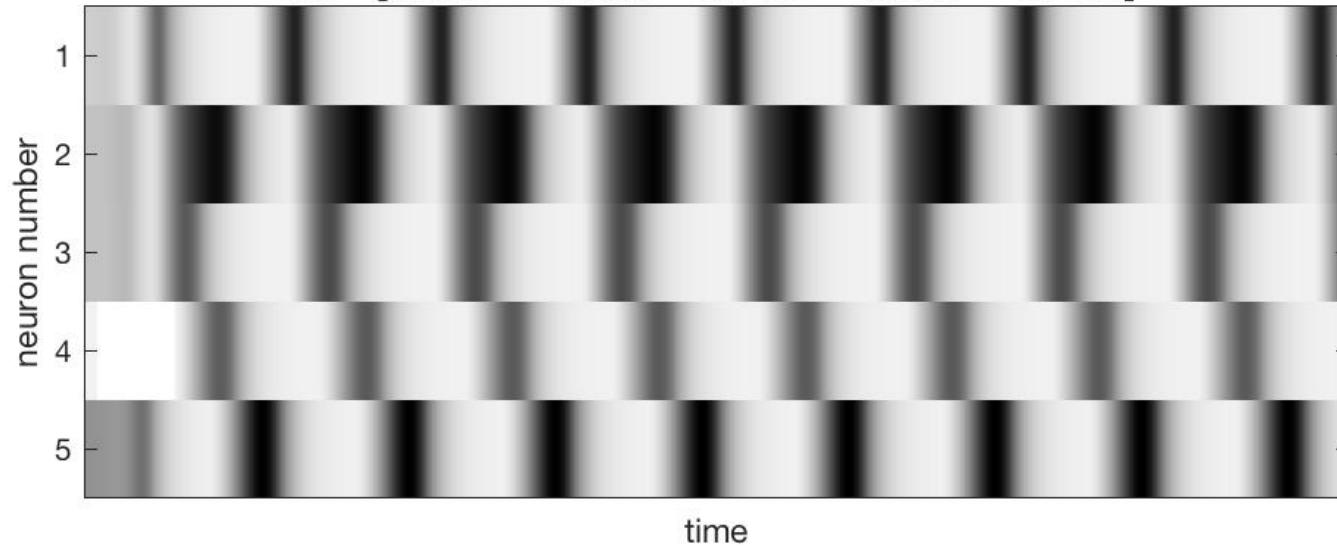
mEC 32 (graph 32): attractor 1



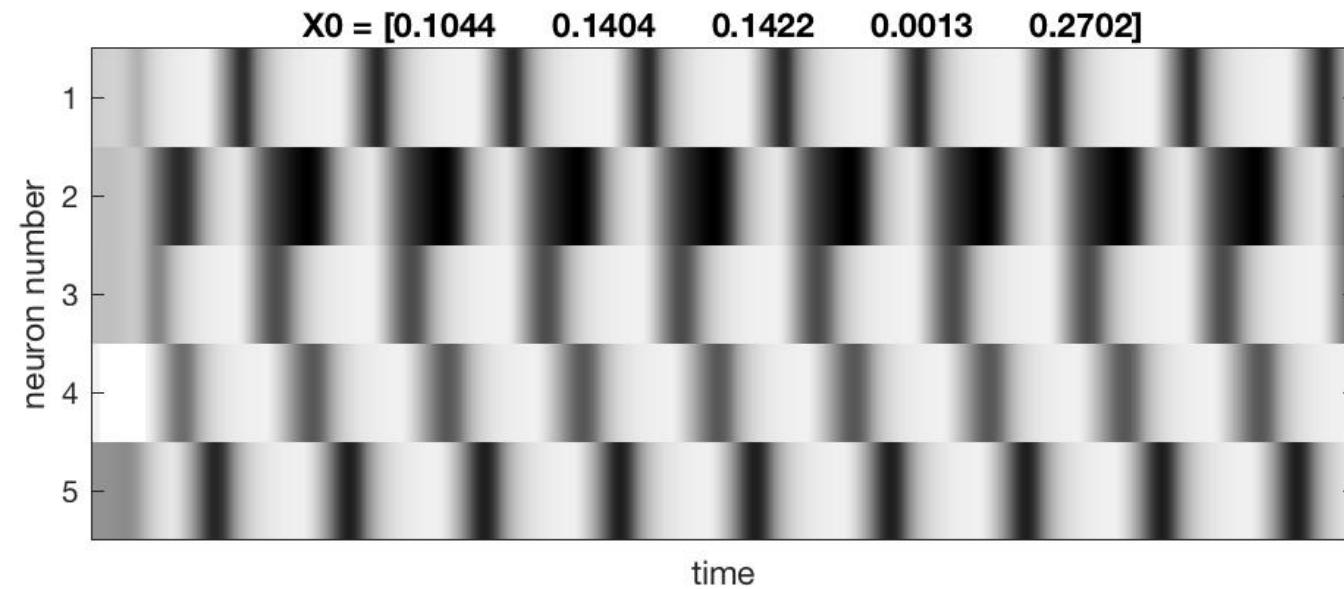
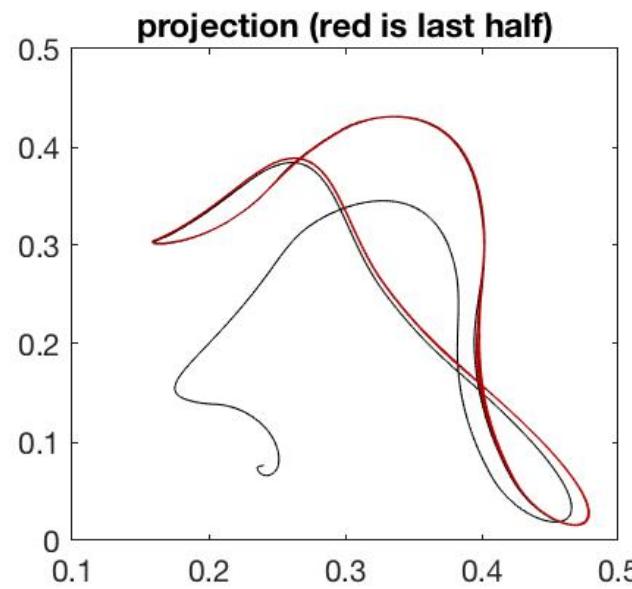
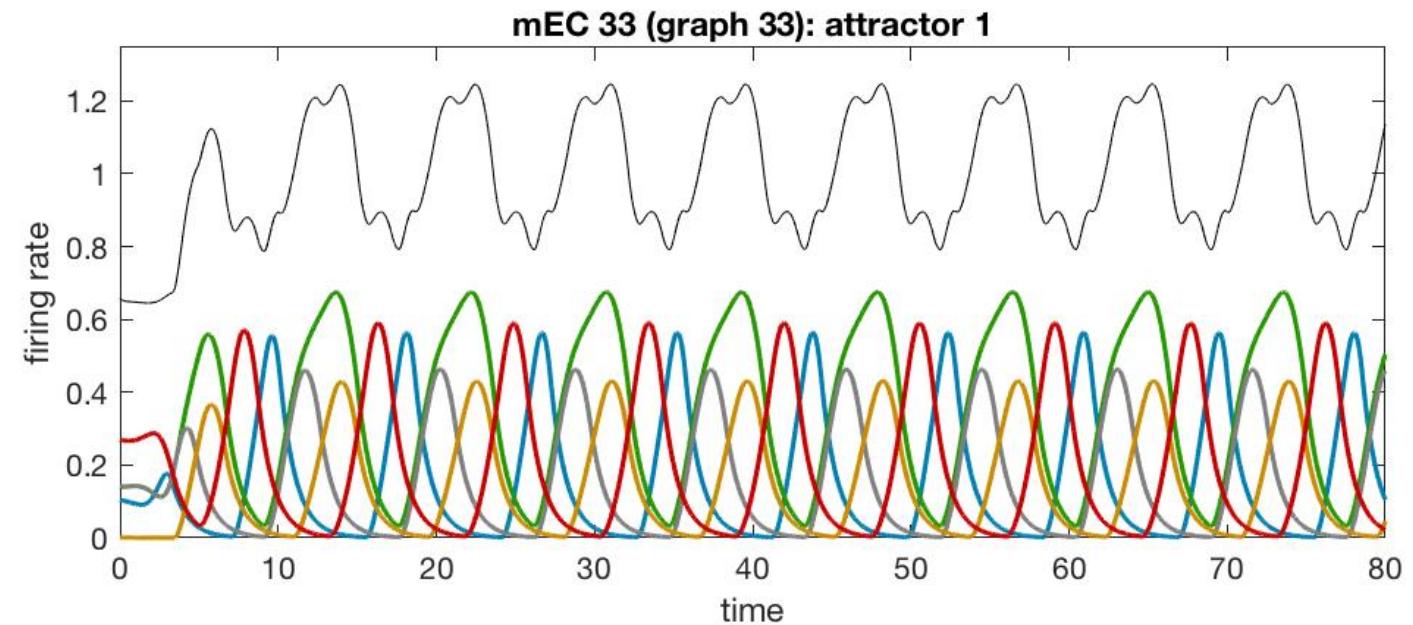
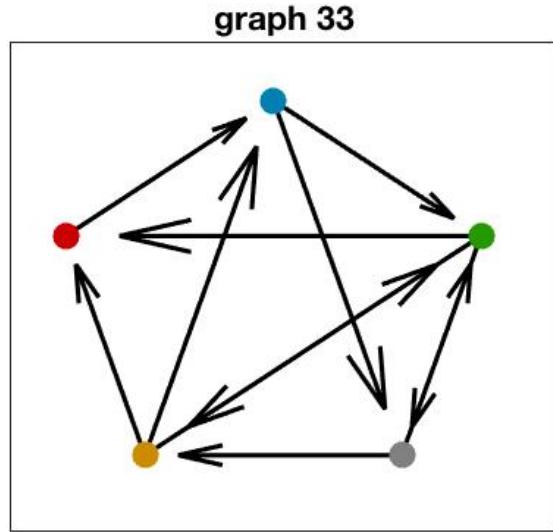
projection (red is last half)



$X_0 = [0.1041 \quad 0.1391 \quad 0.1412 \quad 0.0017 \quad 0.2741]$

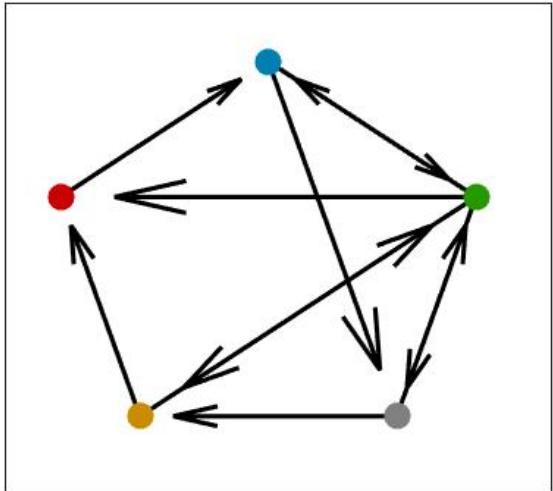


mEC 33

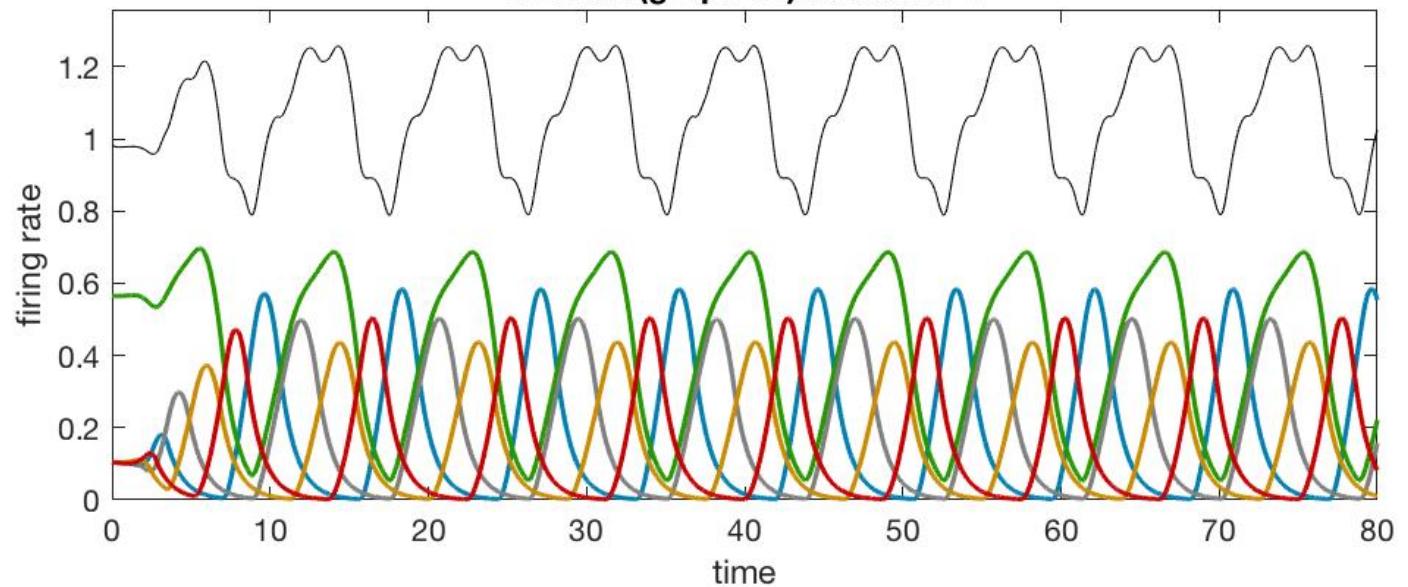


mEC 34

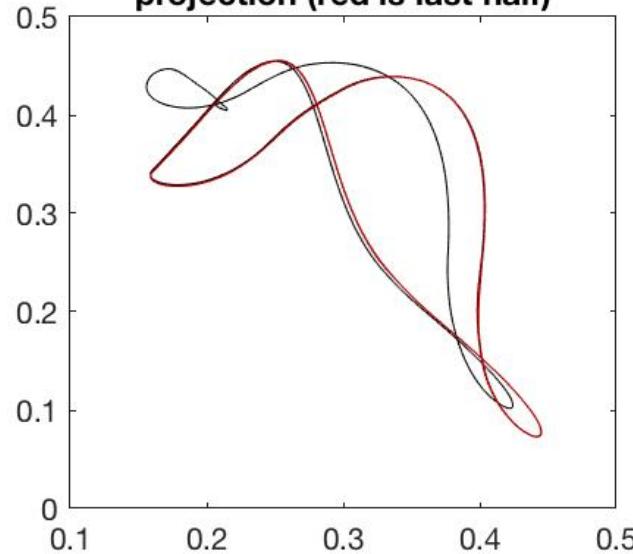
graph 34



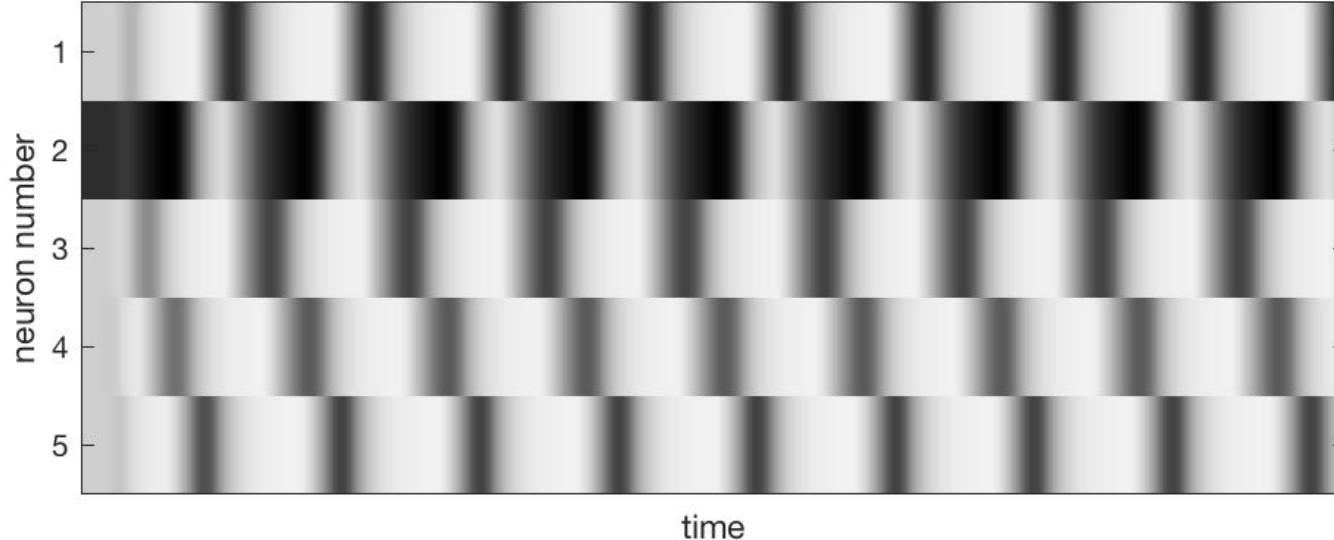
mEC 34 (graph 34): attractor 1



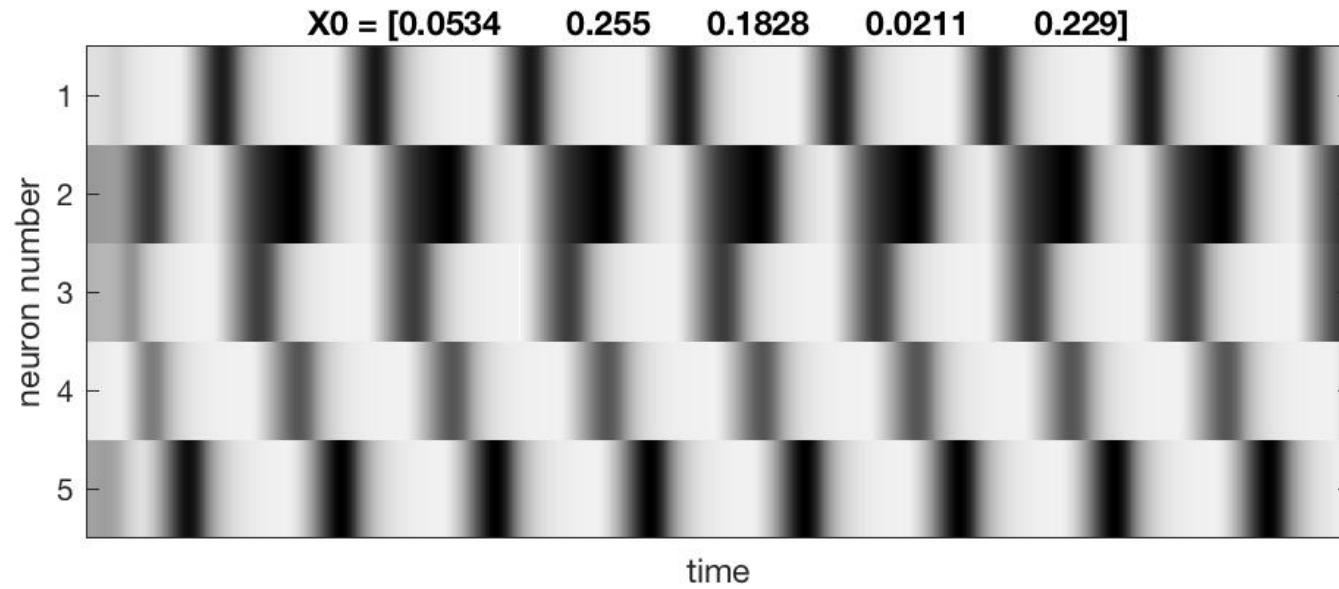
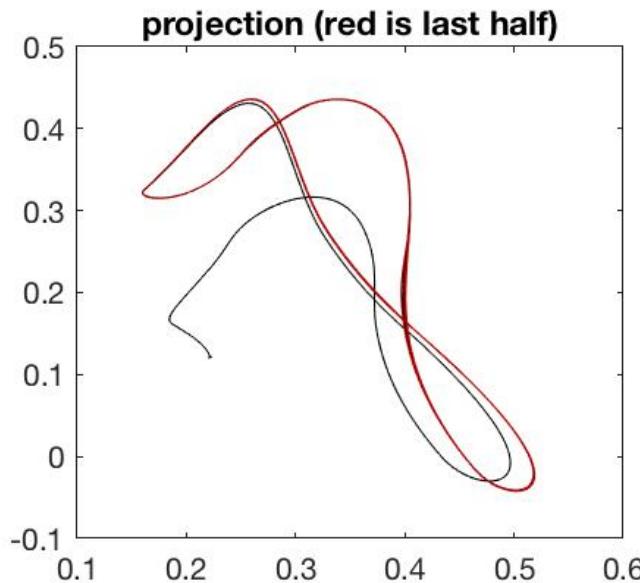
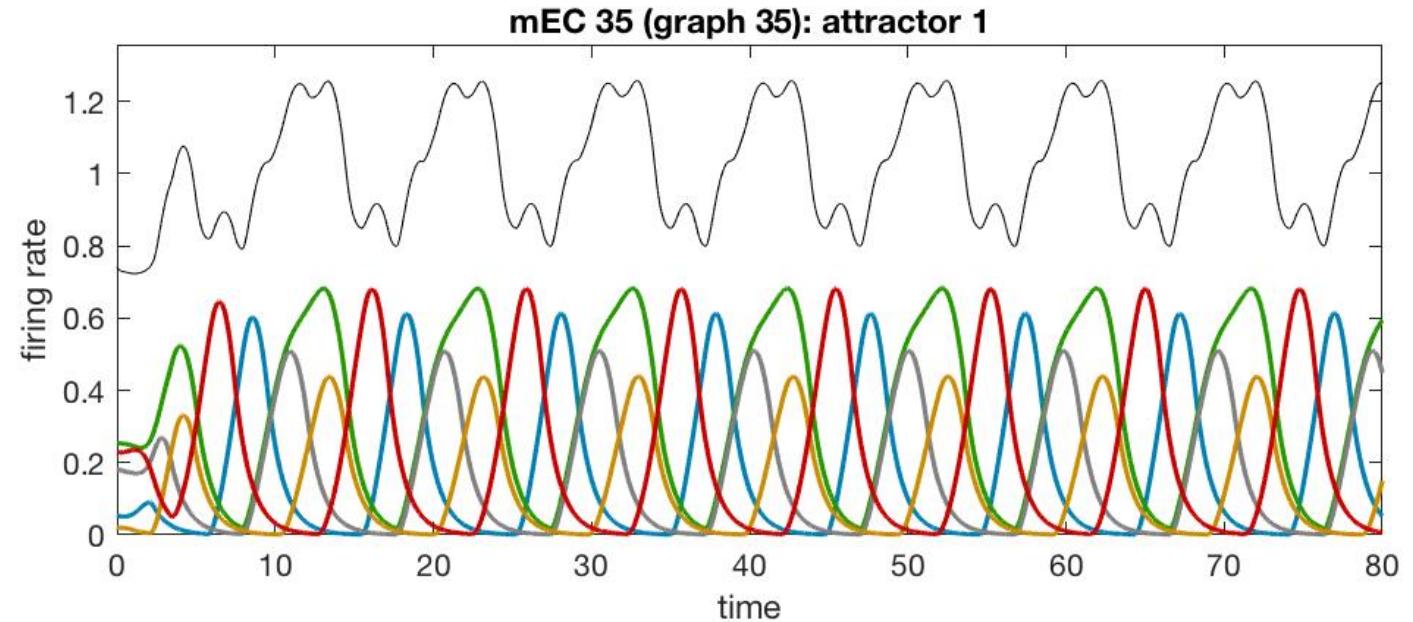
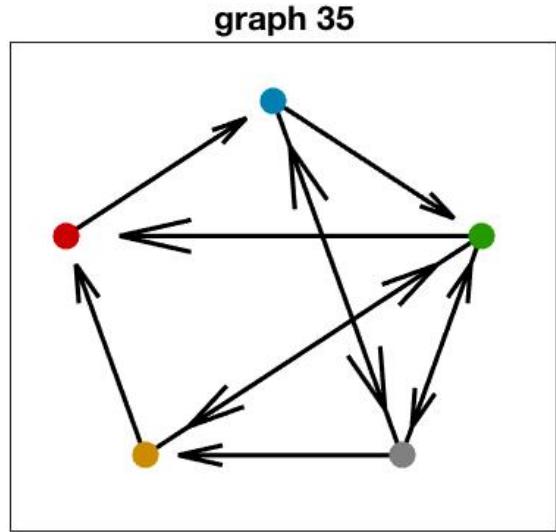
projection (red is last half)



$X_0 = [0.1054 \quad 0.5658 \quad 0.1042 \quad 0.1045 \quad 0.1043]$

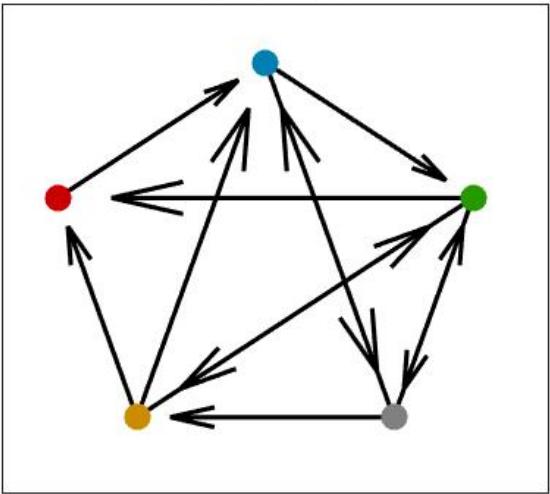


mEC 35

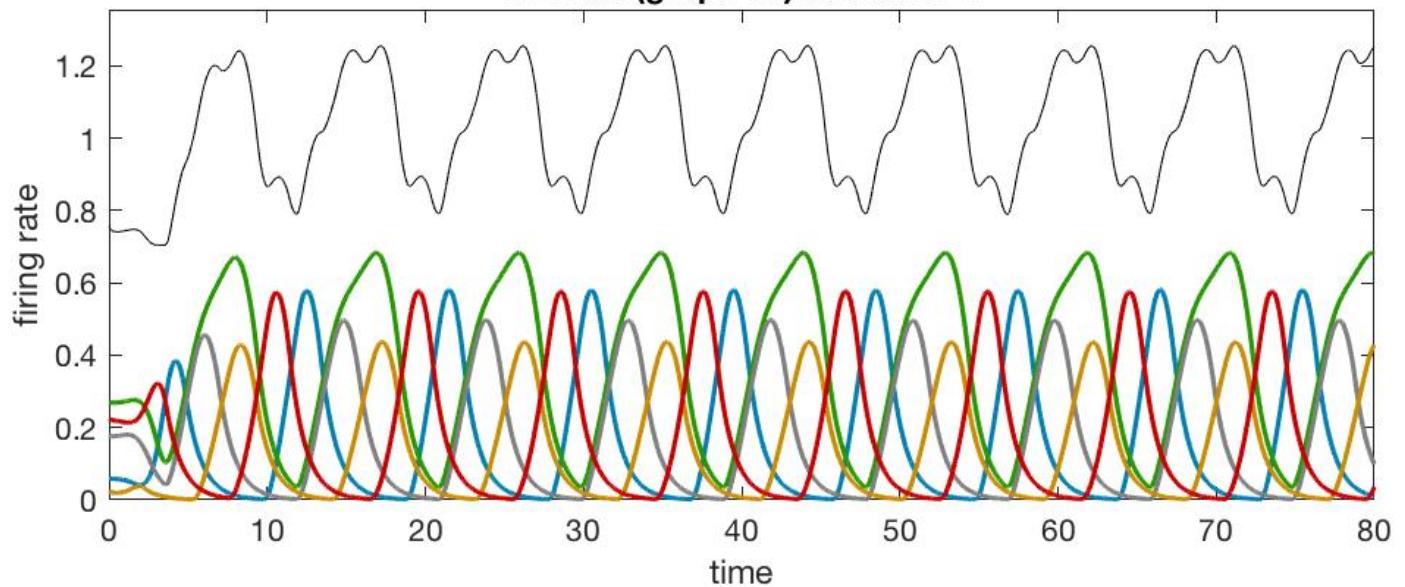


mEC 36

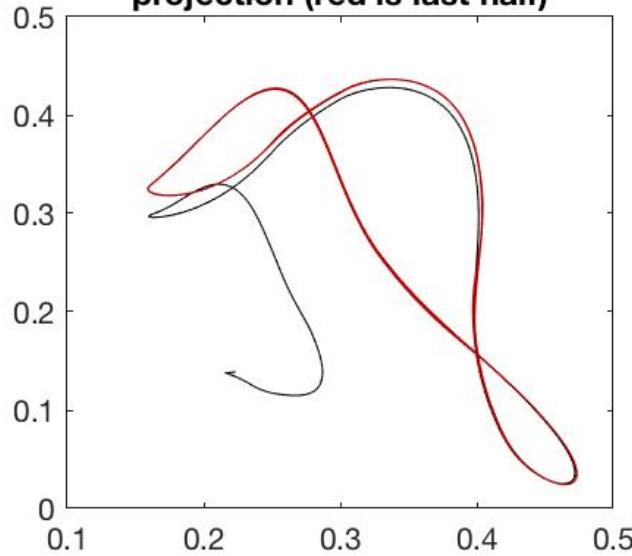
graph 36



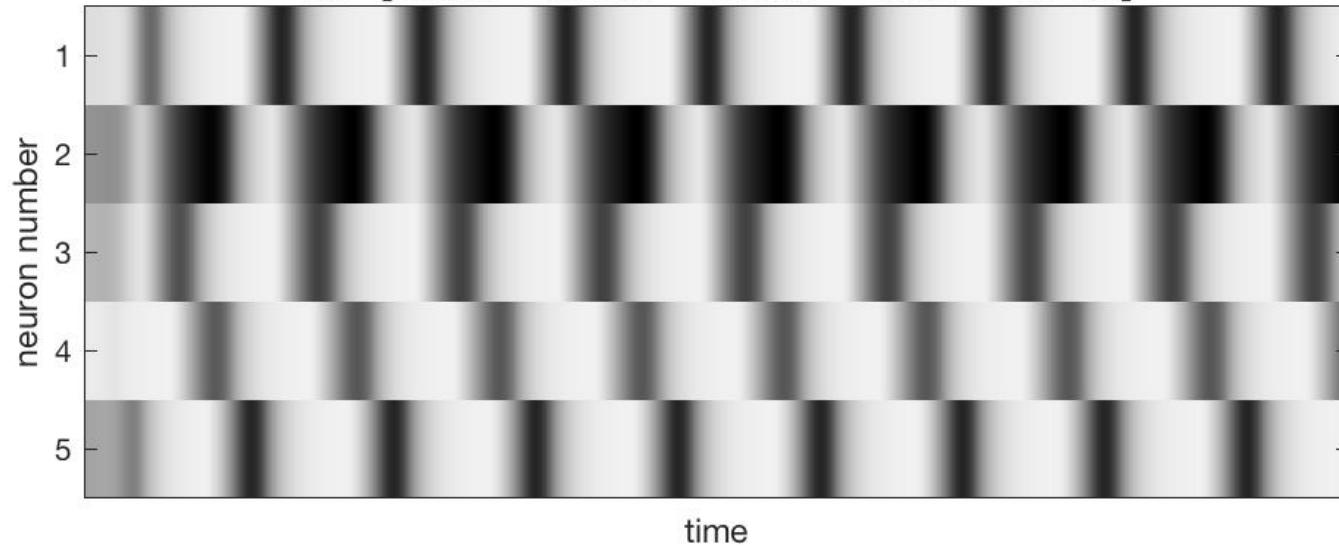
mEC 36 (graph 36): attractor 1



projection (red is last half)

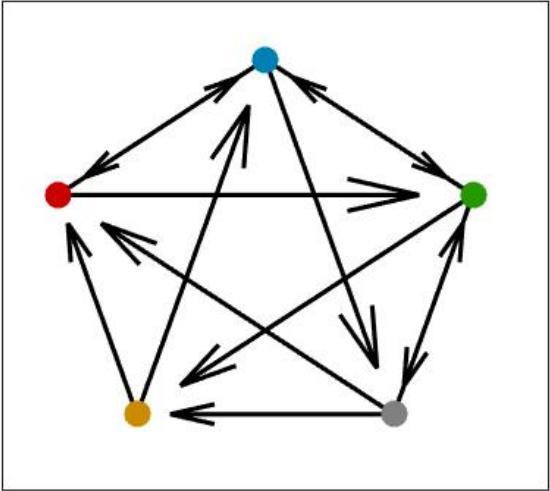


$X_0 = [0.0603 \quad 0.2704 \quad 0.1782 \quad 0.024 \quad 0.2238]$

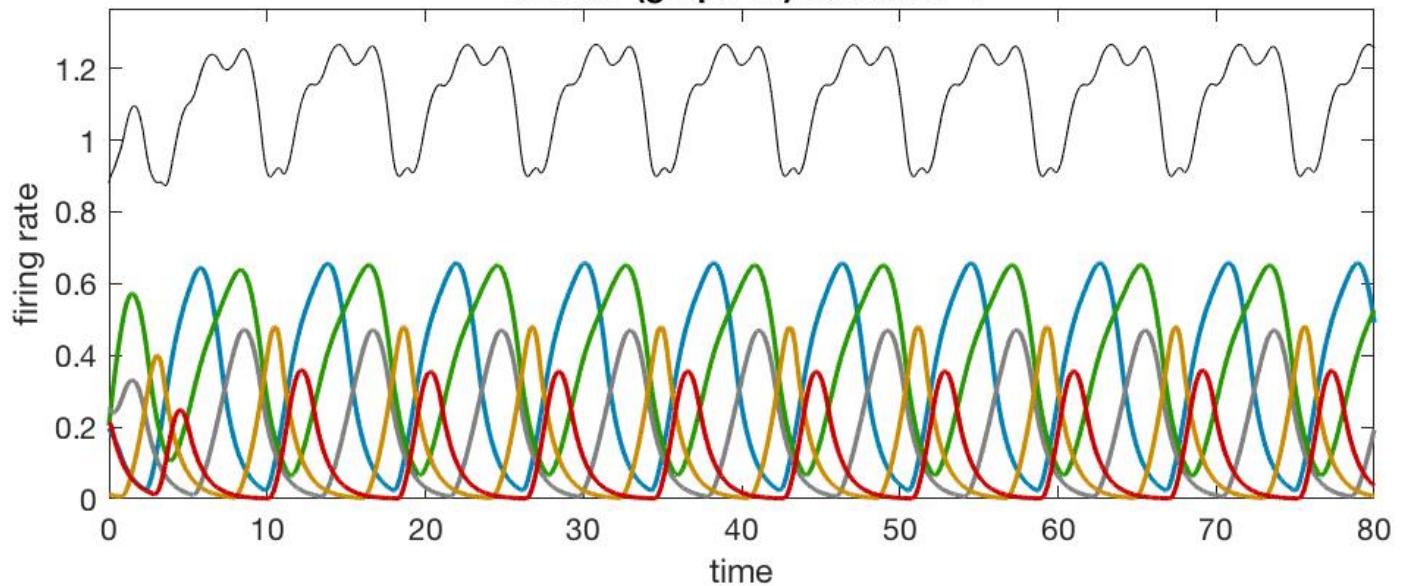


mEC 37

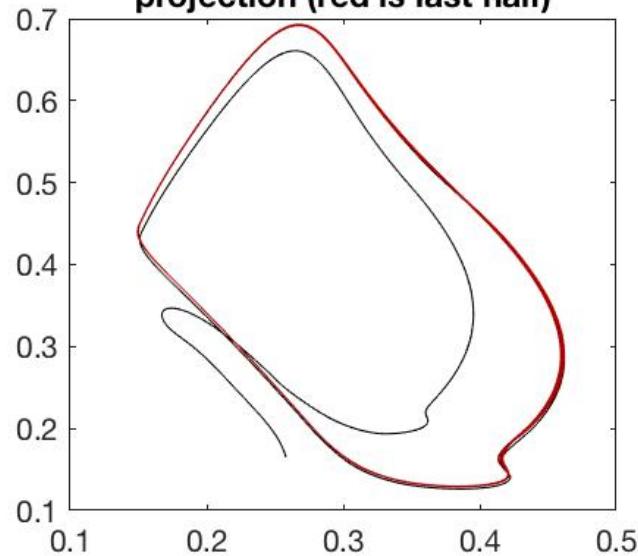
graph 37



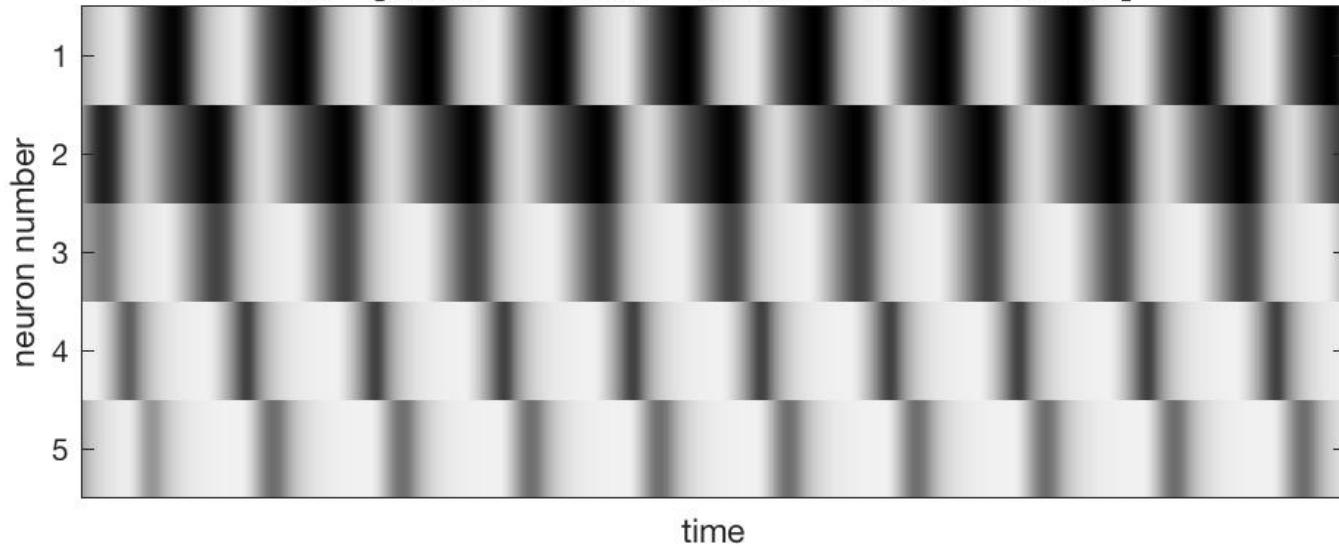
mEC 37 (graph 37): attractor 1



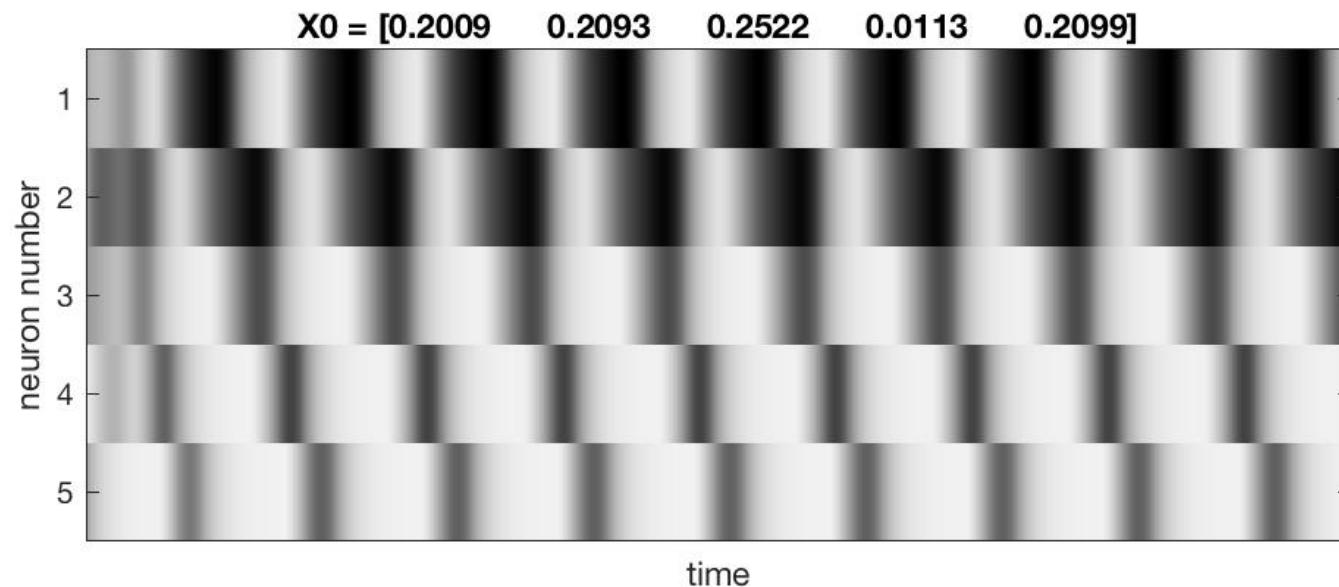
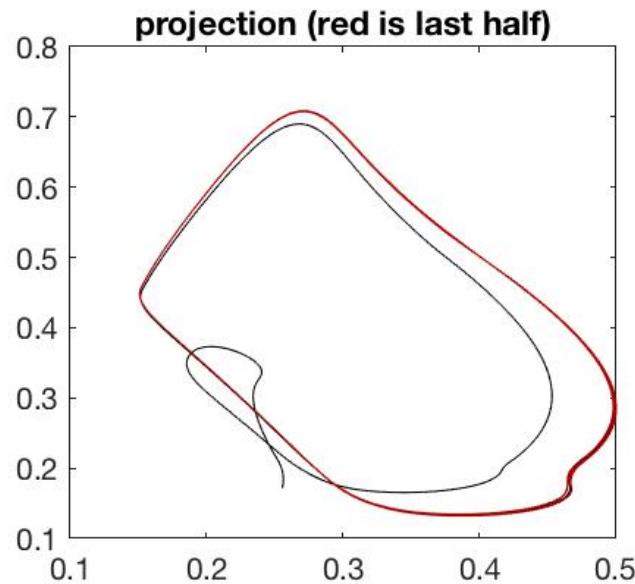
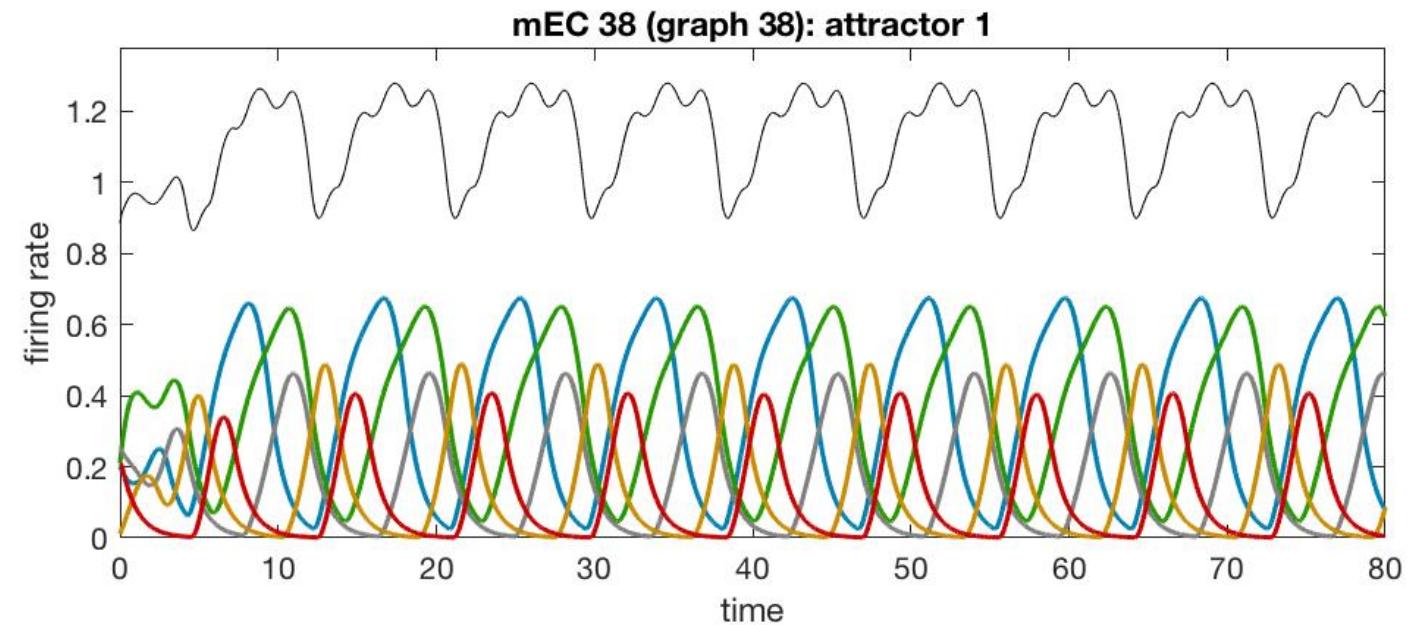
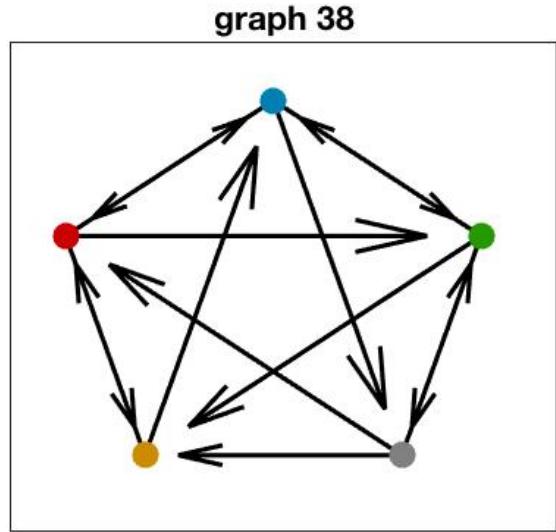
projection (red is last half)



$X_0 = [0.1972 \quad 0.2042 \quad 0.2532 \quad 0.0129 \quad 0.2134]$

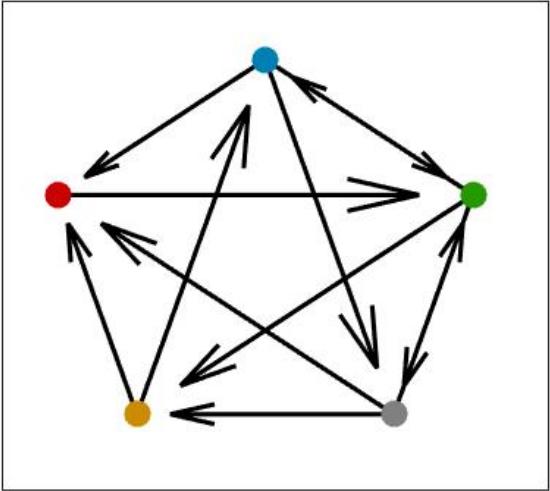


mEC 38

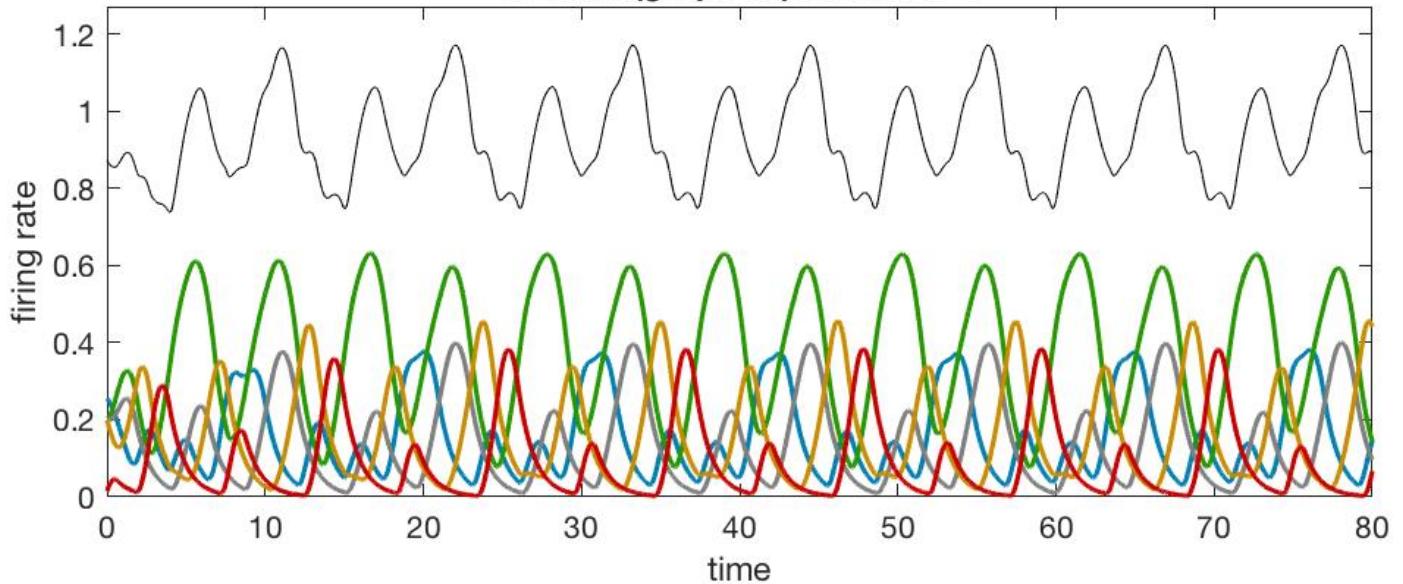


mEC 39

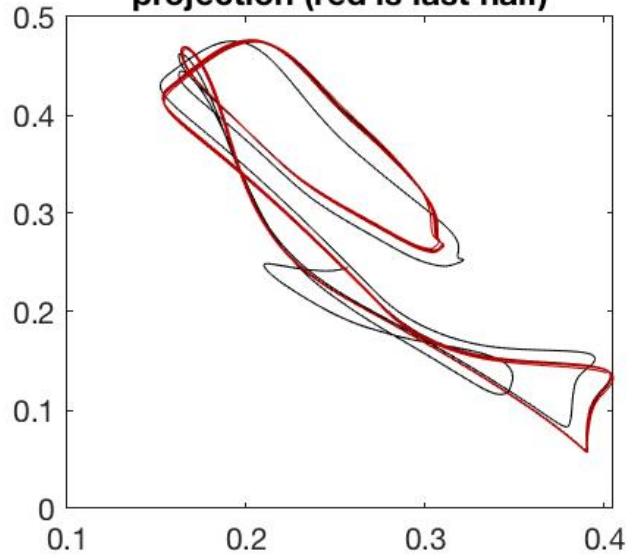
graph 39



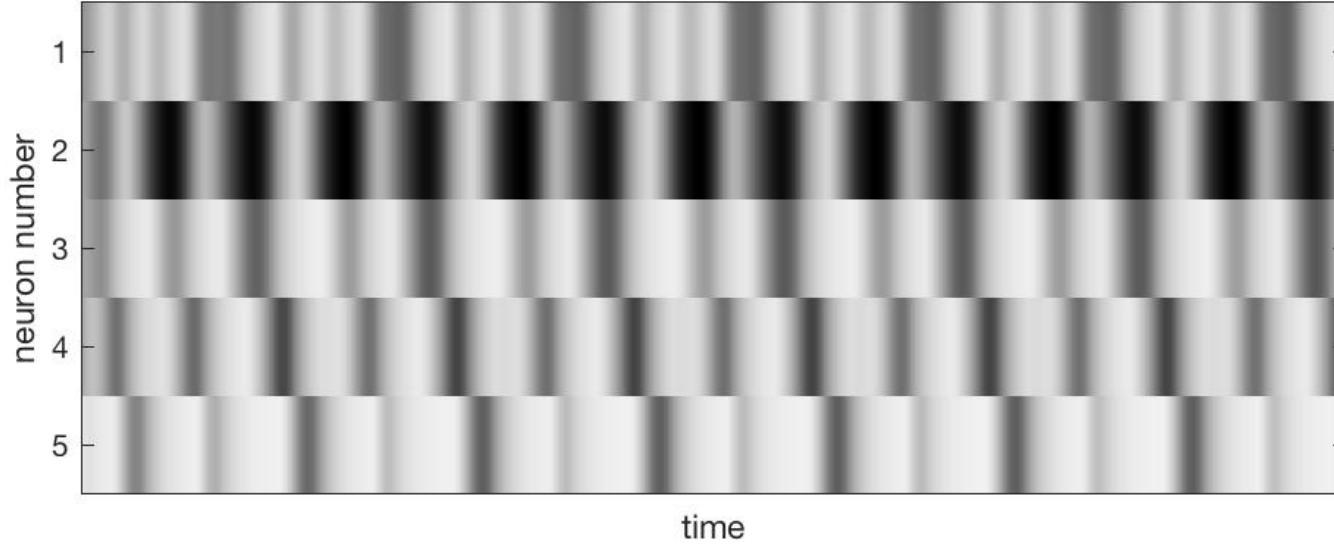
mEC 39 (graph 39): attractor 1



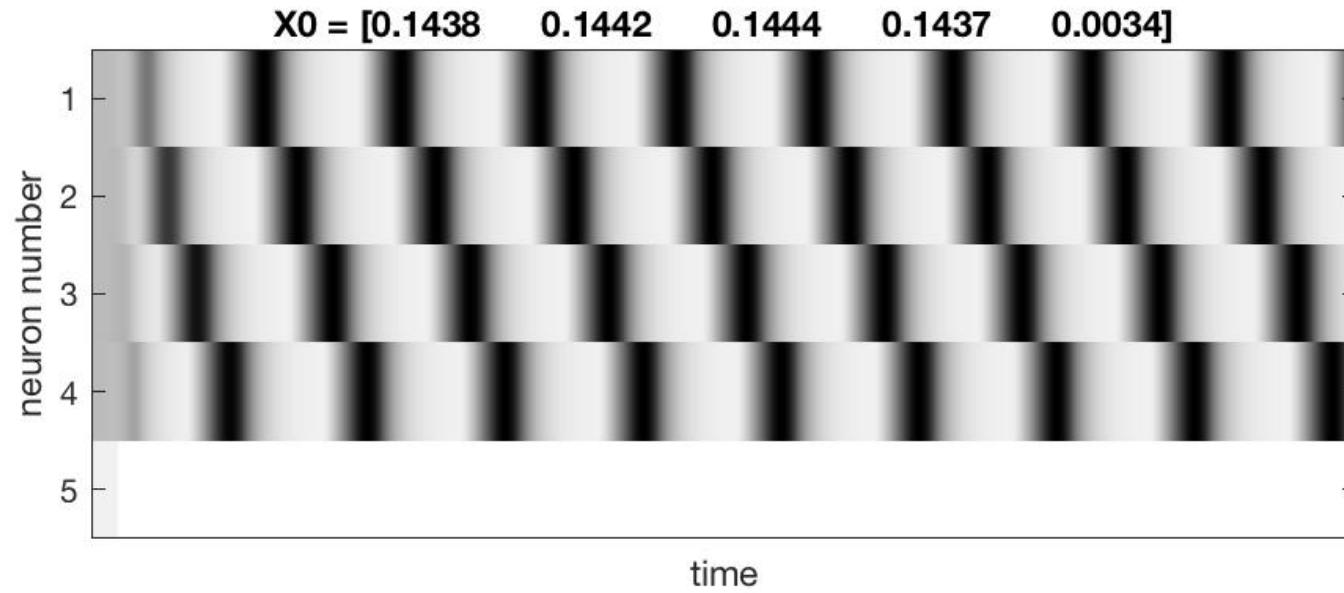
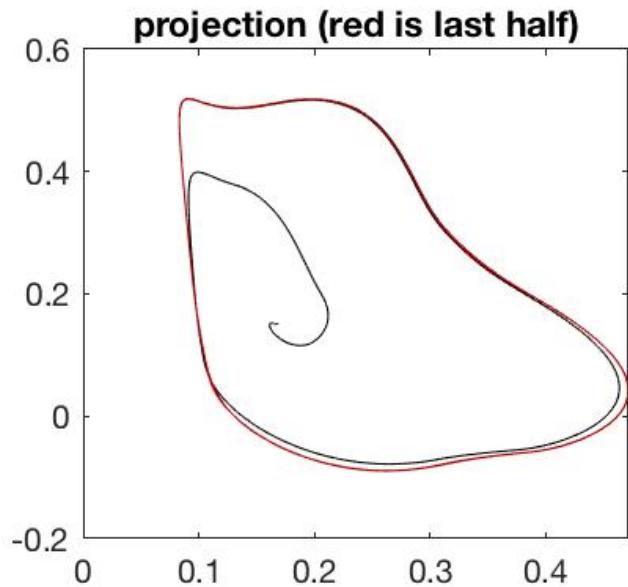
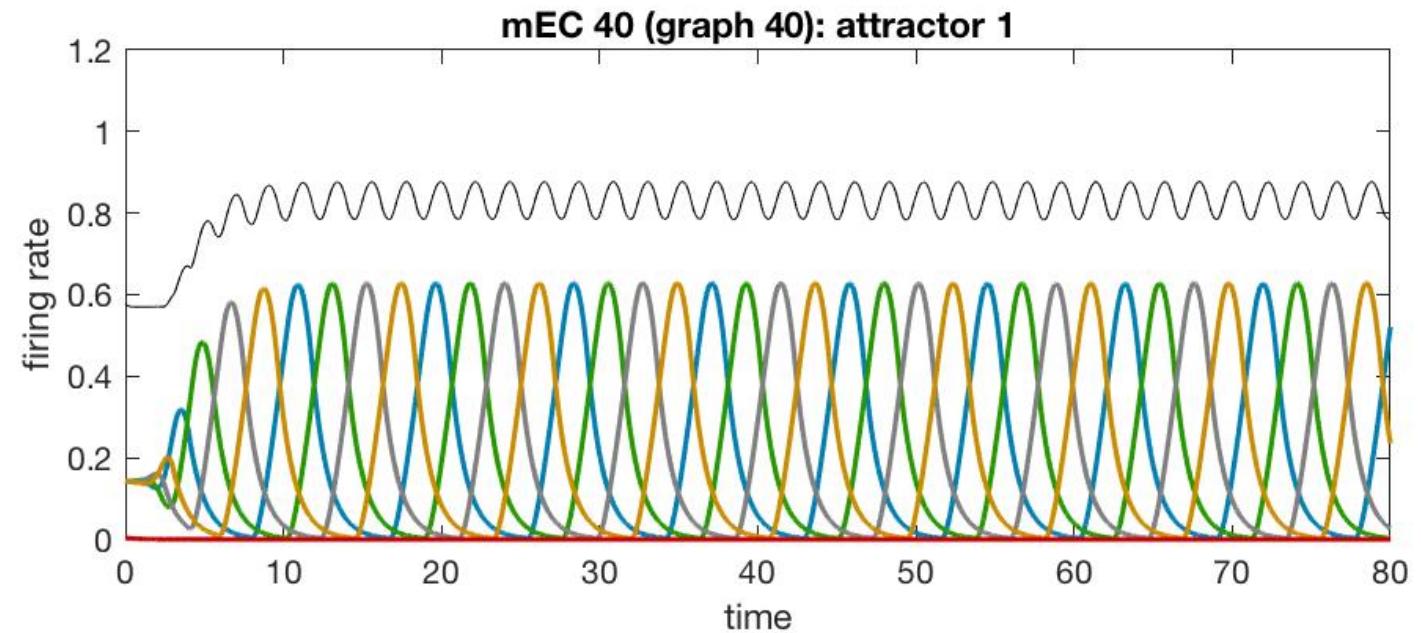
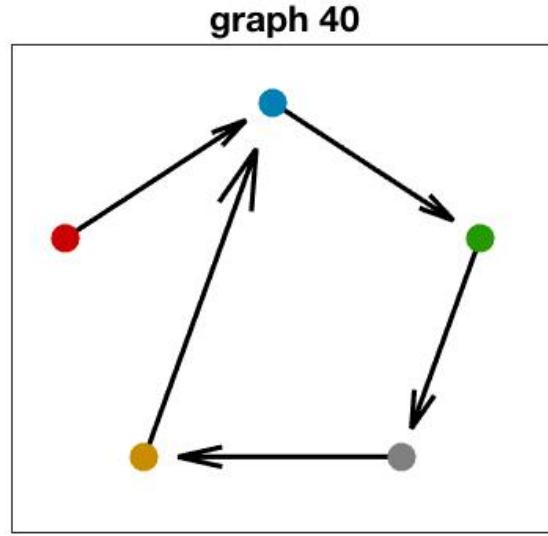
projection (red is last half)



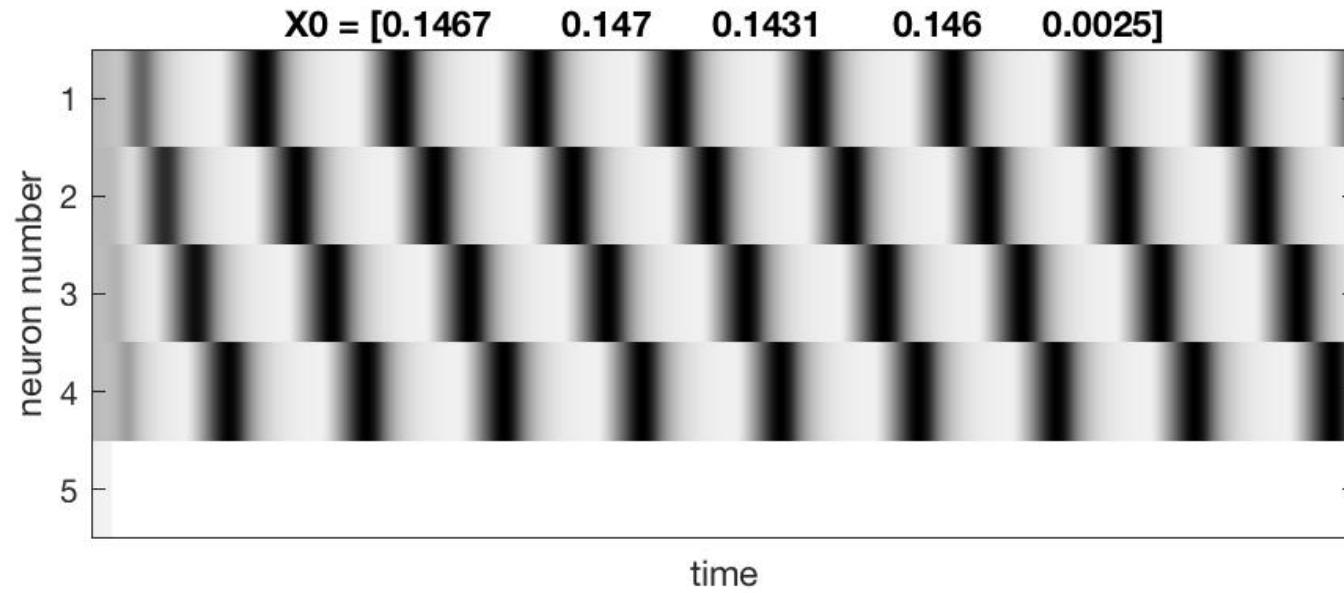
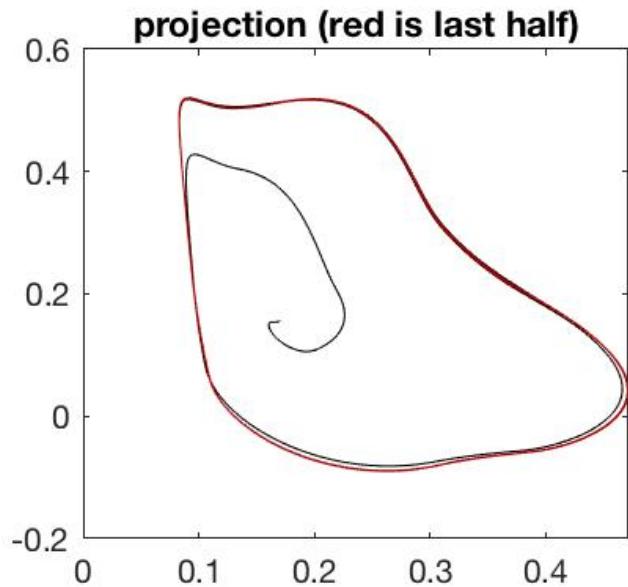
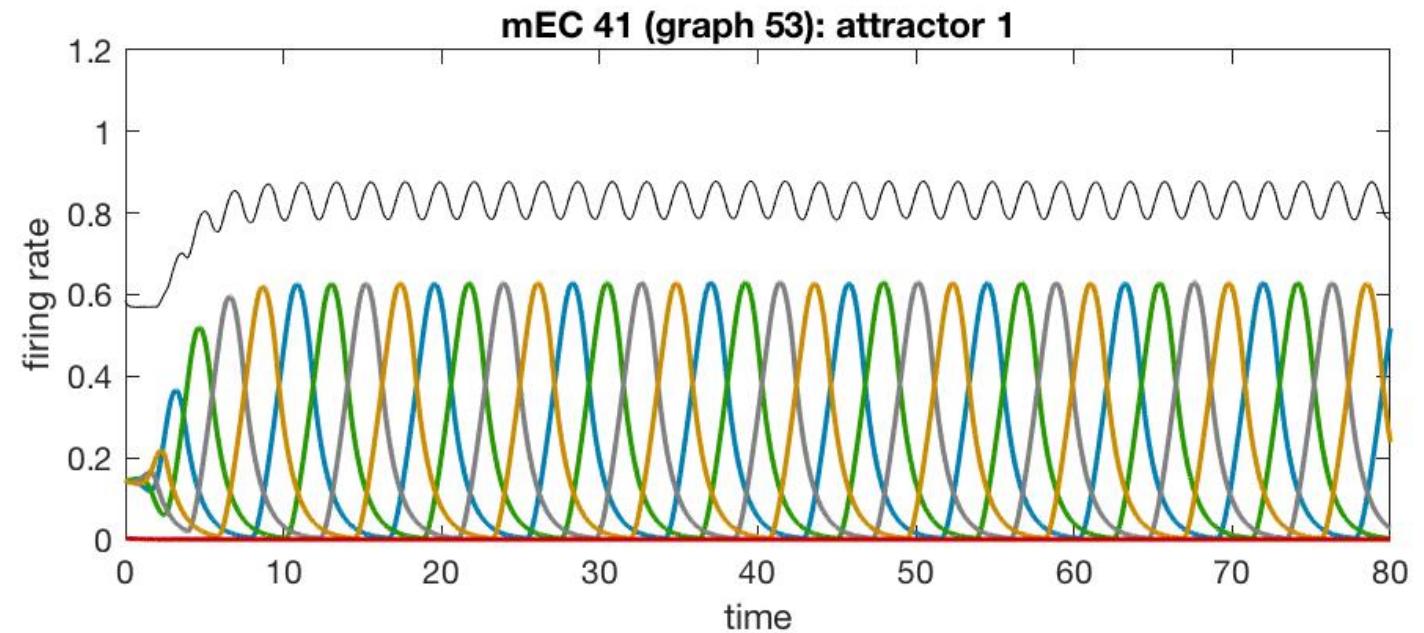
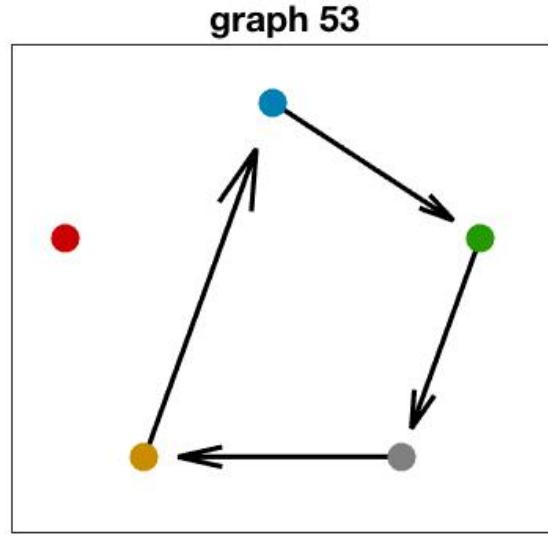
$X_0 = [0.2551 \quad 0.2022 \quad 0.2013 \quad 0.1989 \quad 0.0153]$



mEC 40

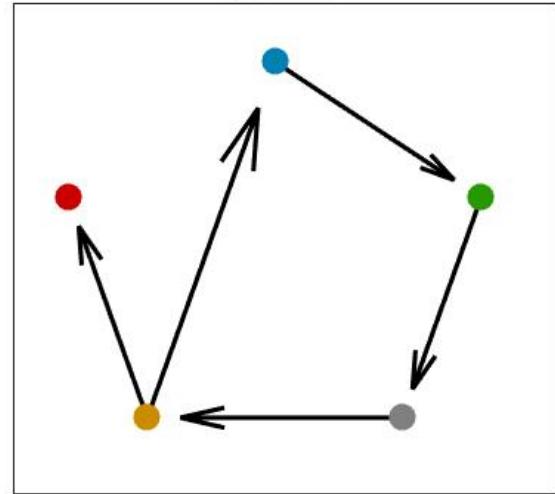


mEC 41

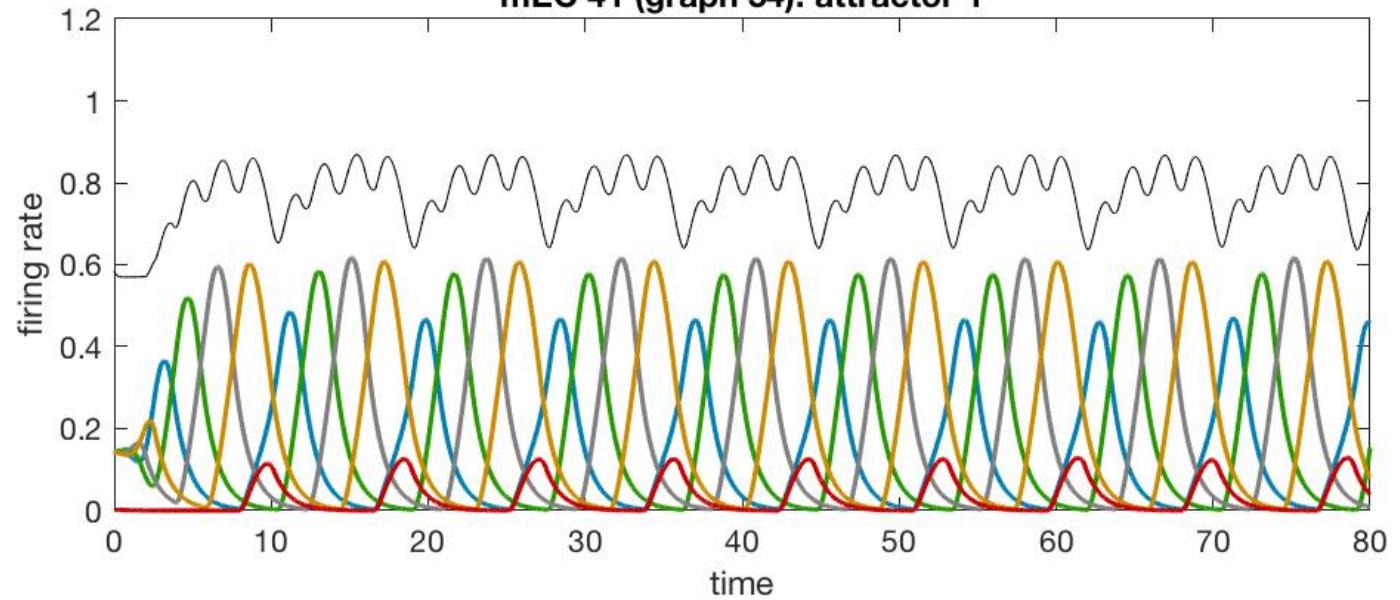


mEC 41

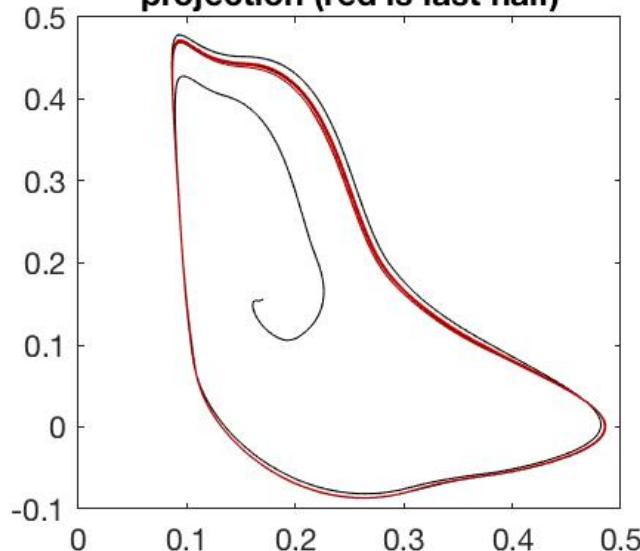
graph 54



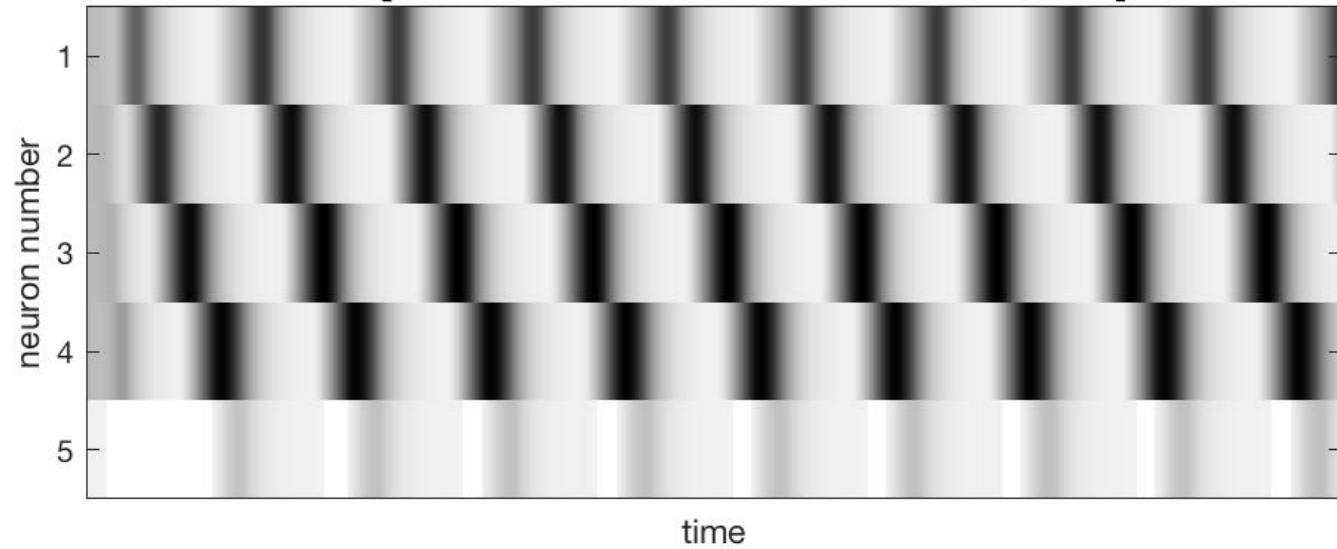
mEC 41 (graph 54): attractor 1



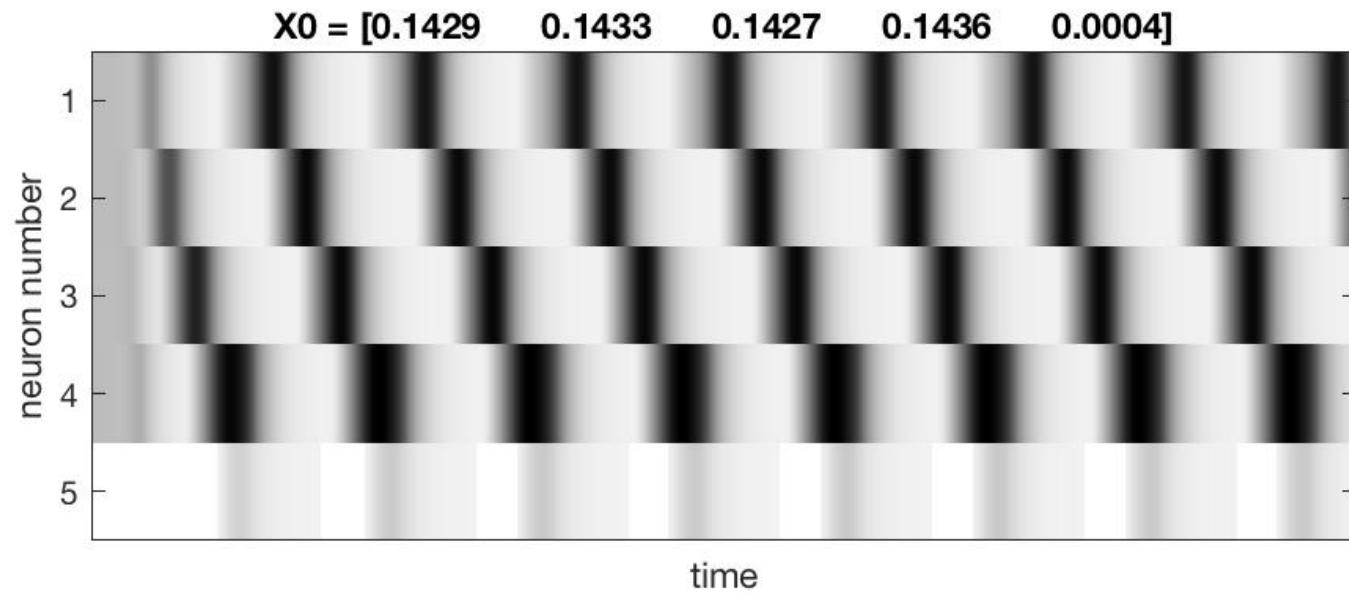
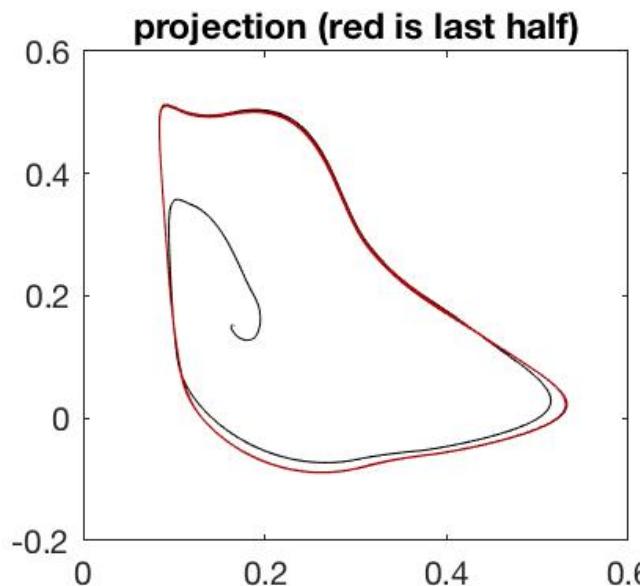
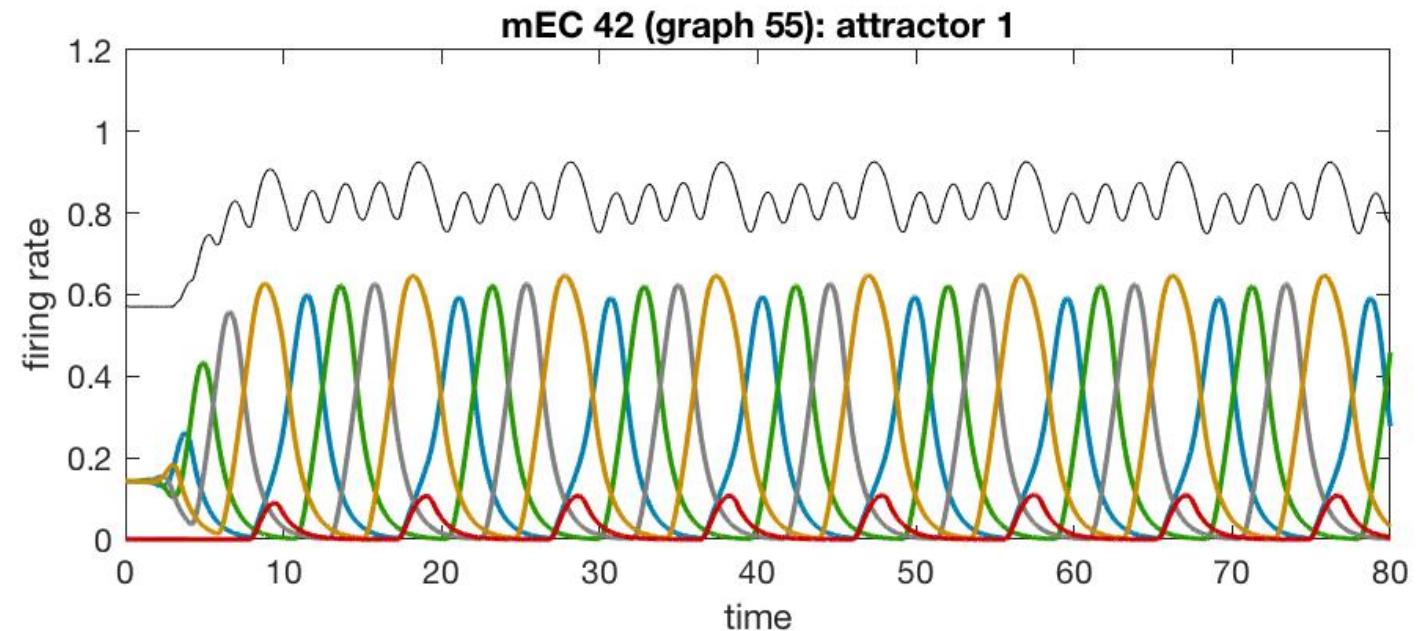
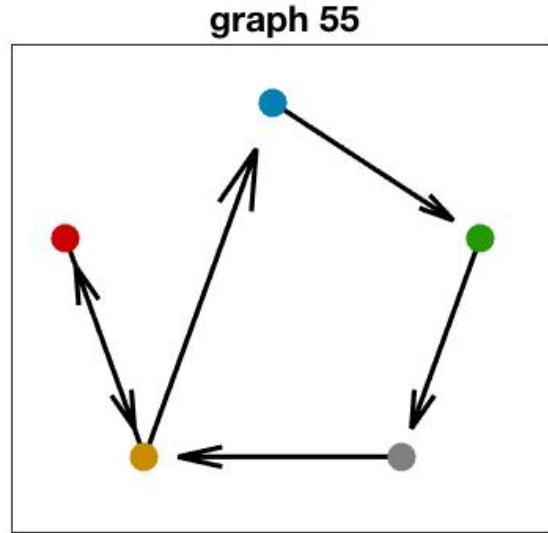
projection (red is last half)



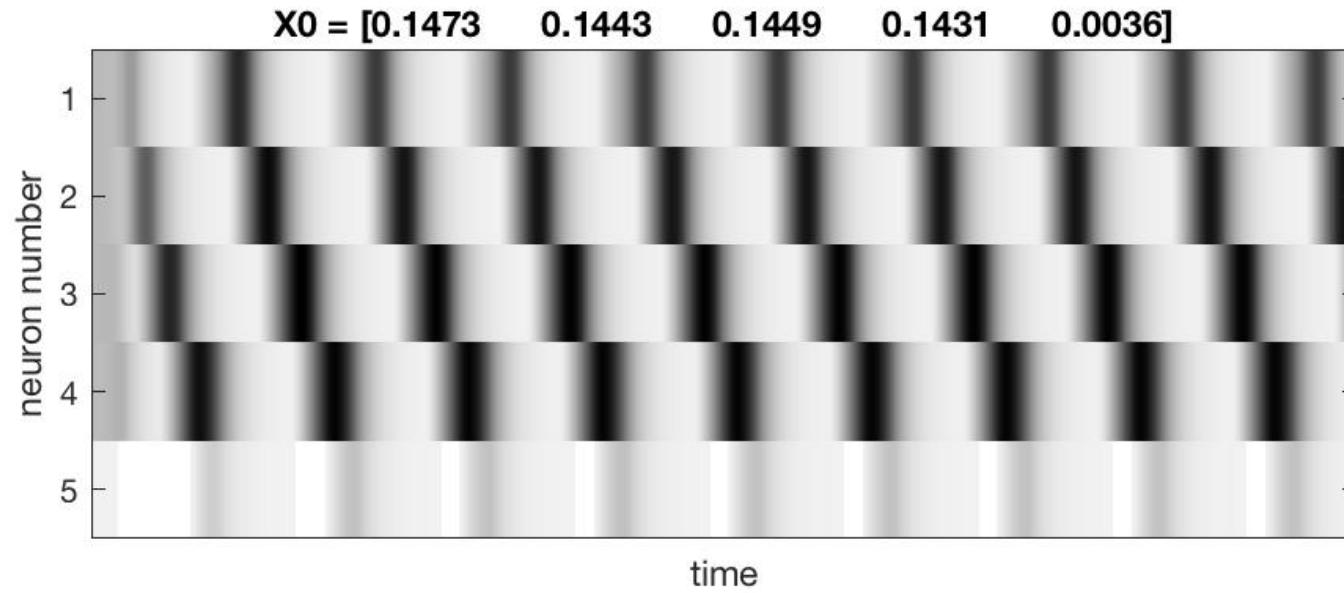
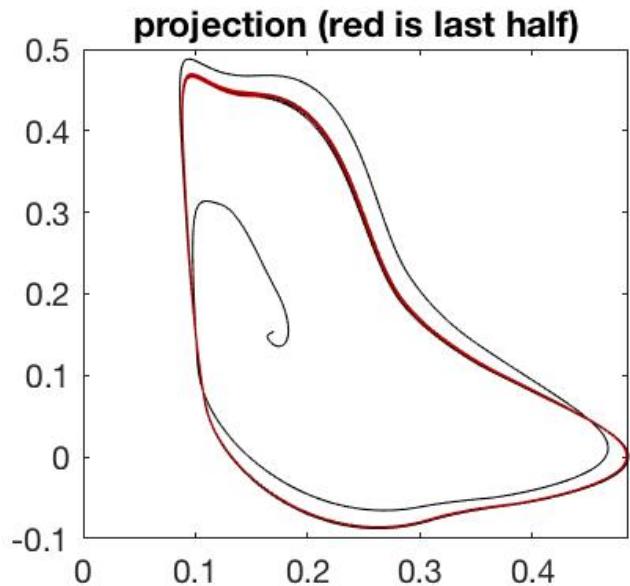
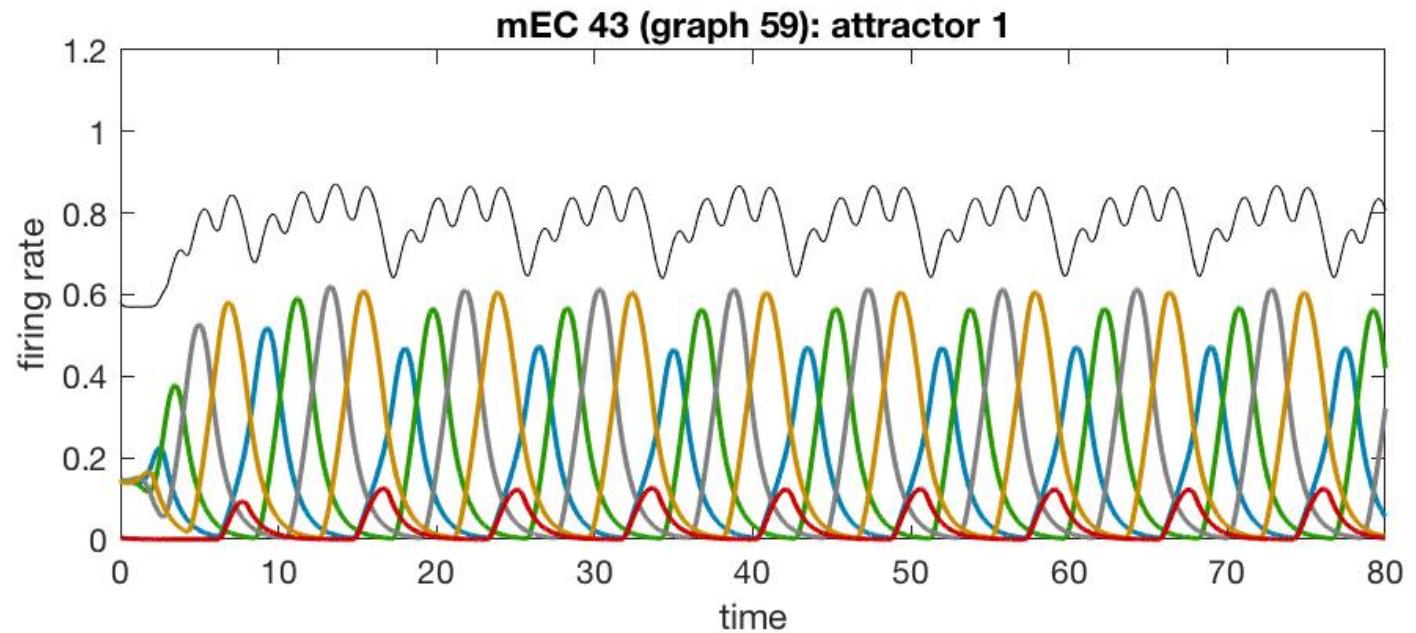
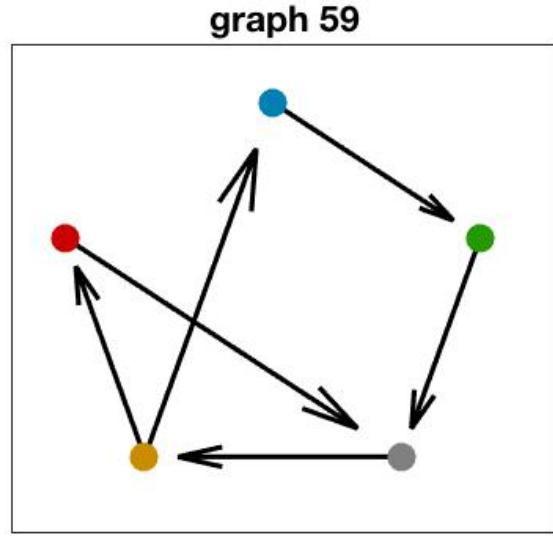
$X_0 = [0.1467 \quad 0.147 \quad 0.1431 \quad 0.146 \quad 0.0025]$



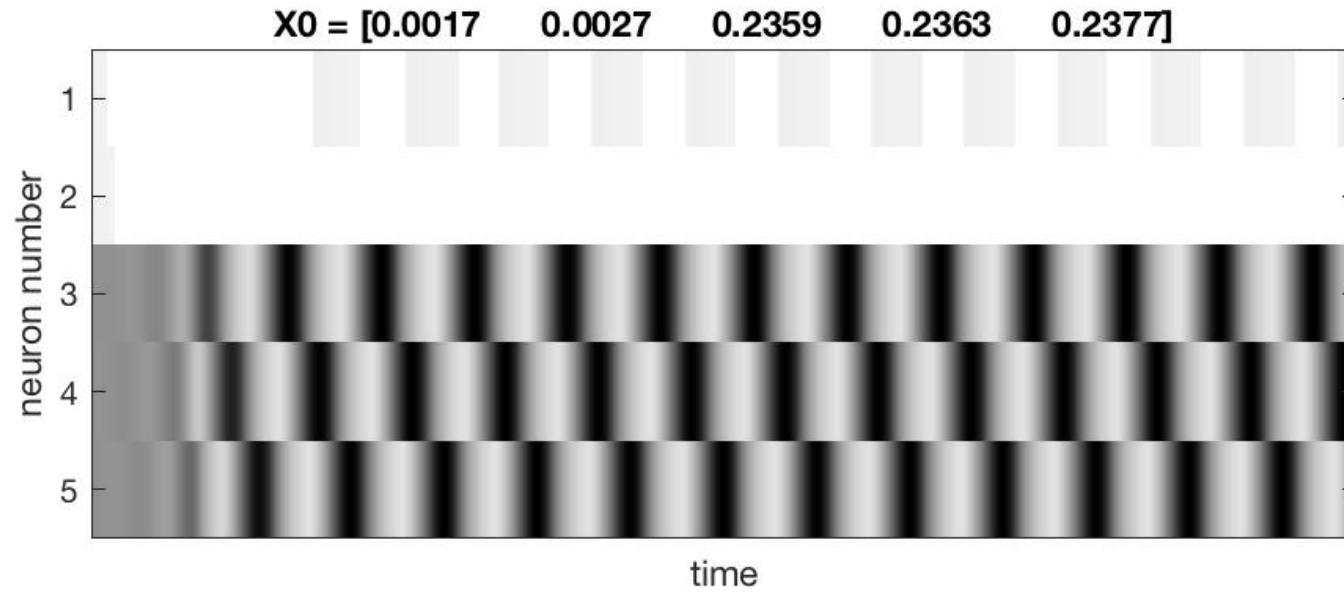
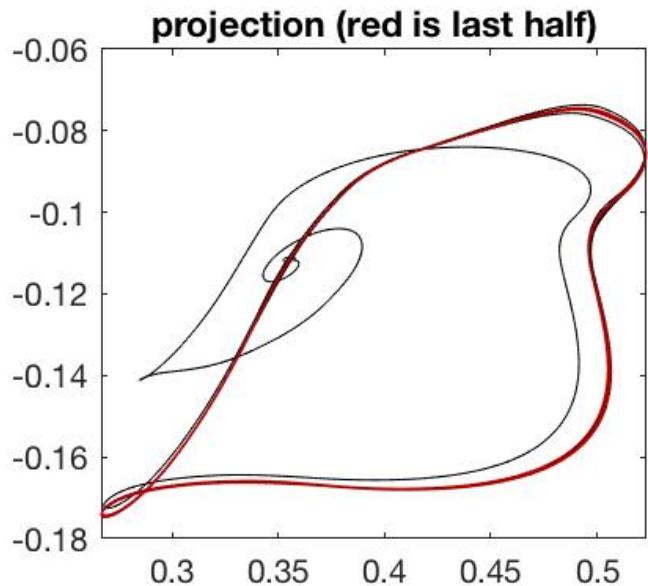
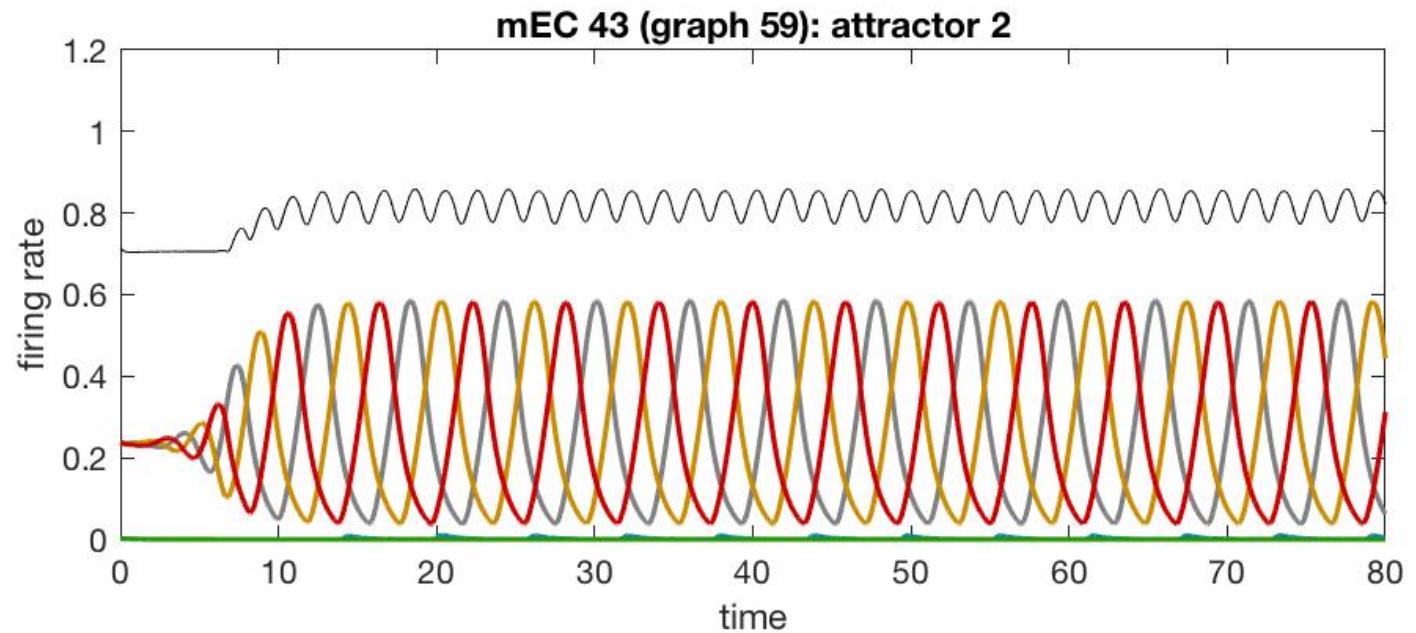
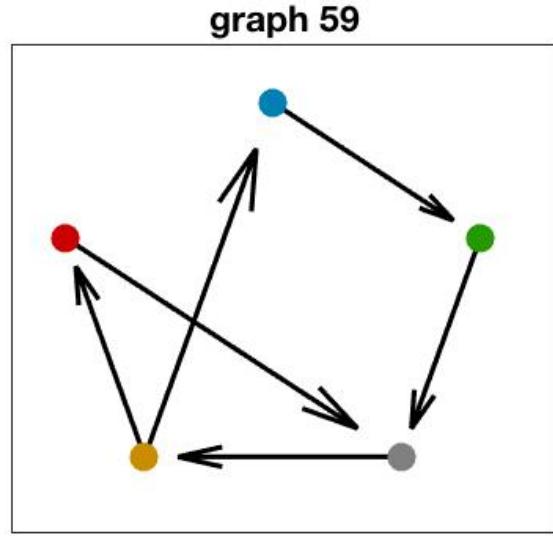
mEC 42



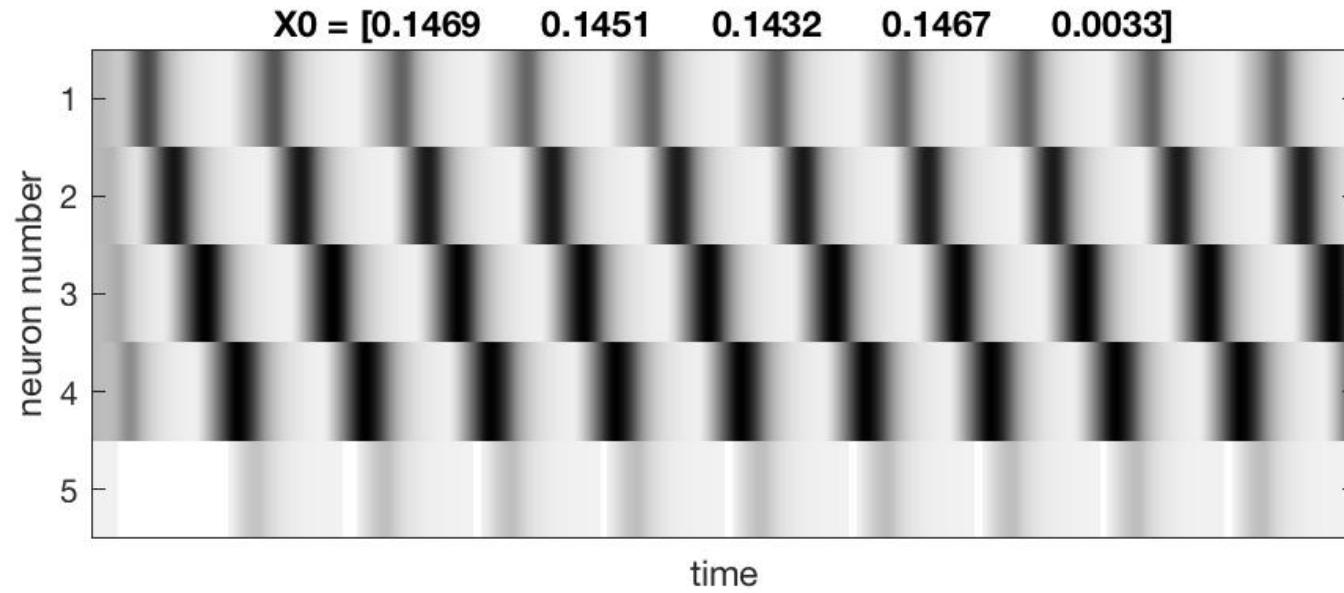
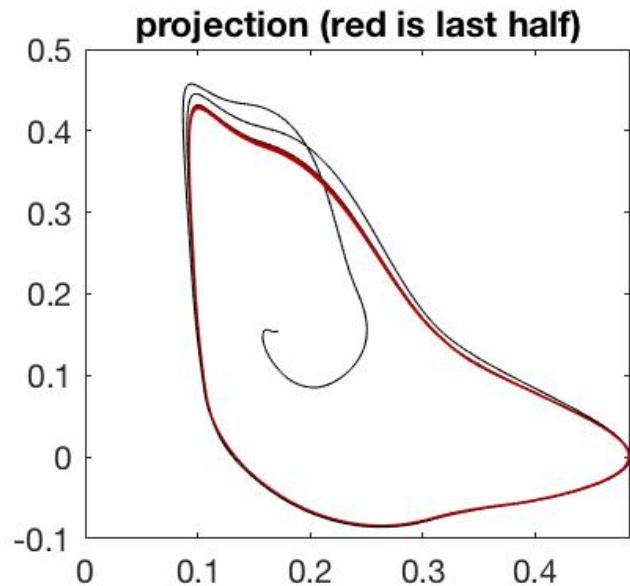
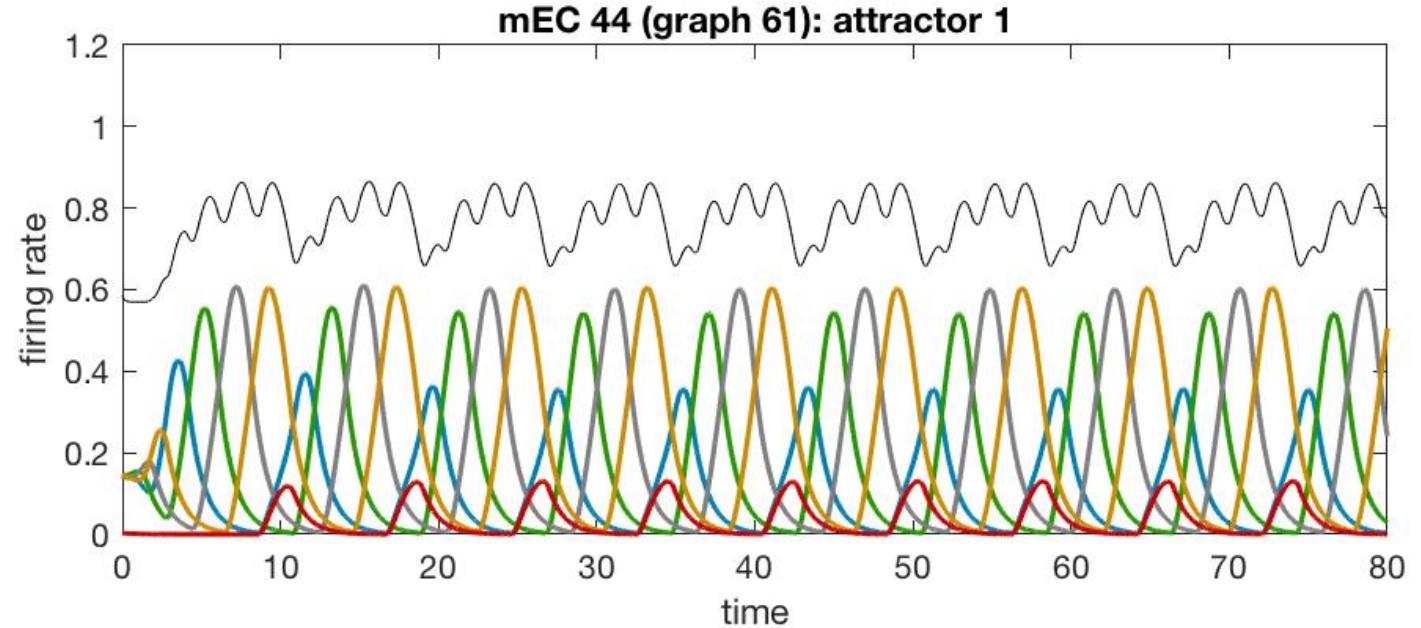
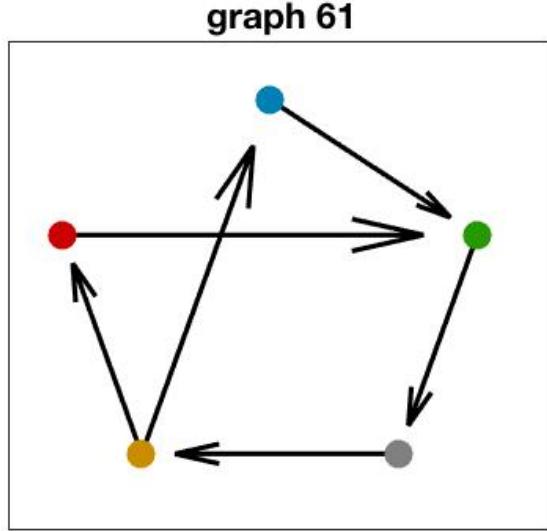
mEC 43



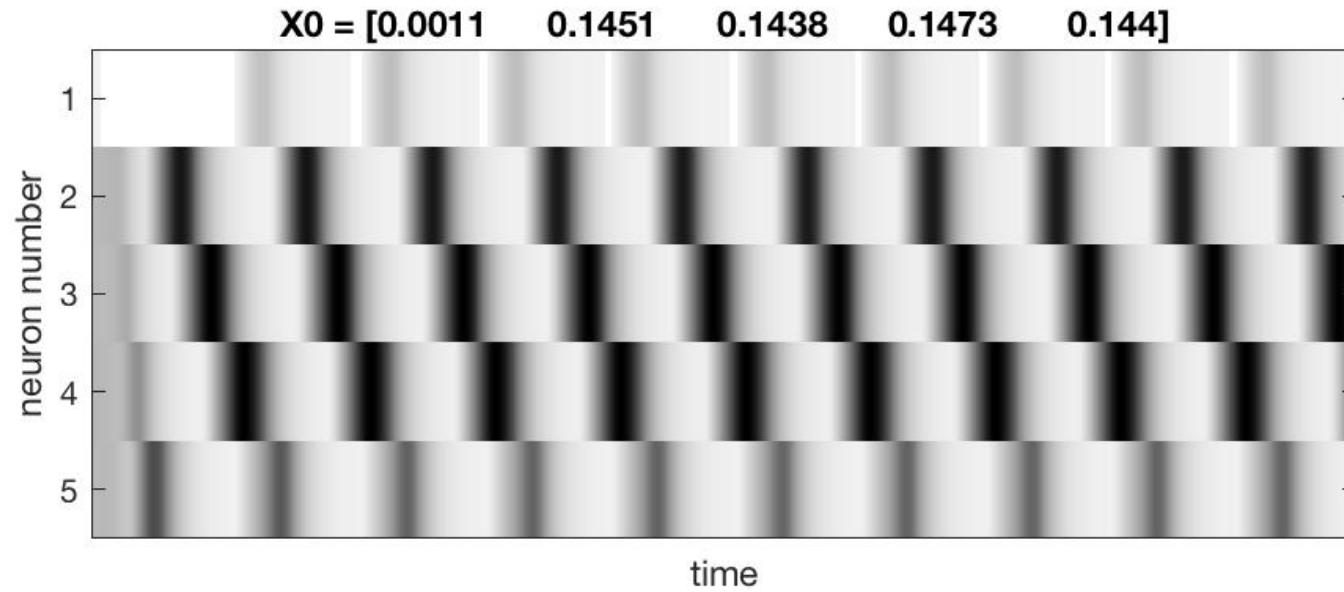
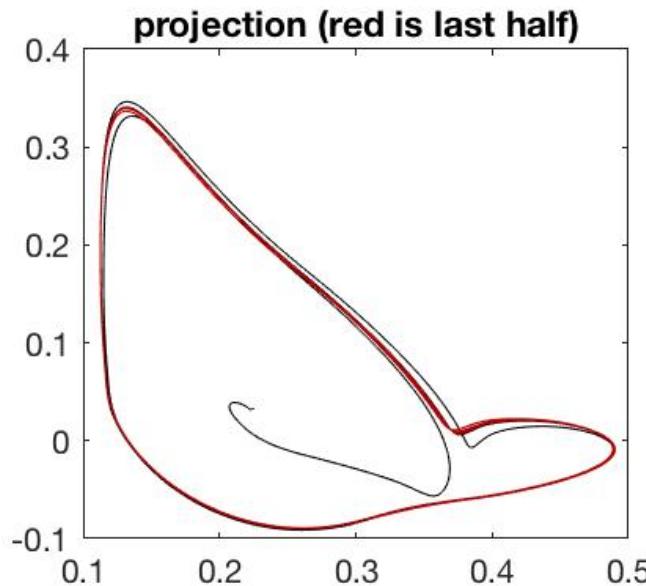
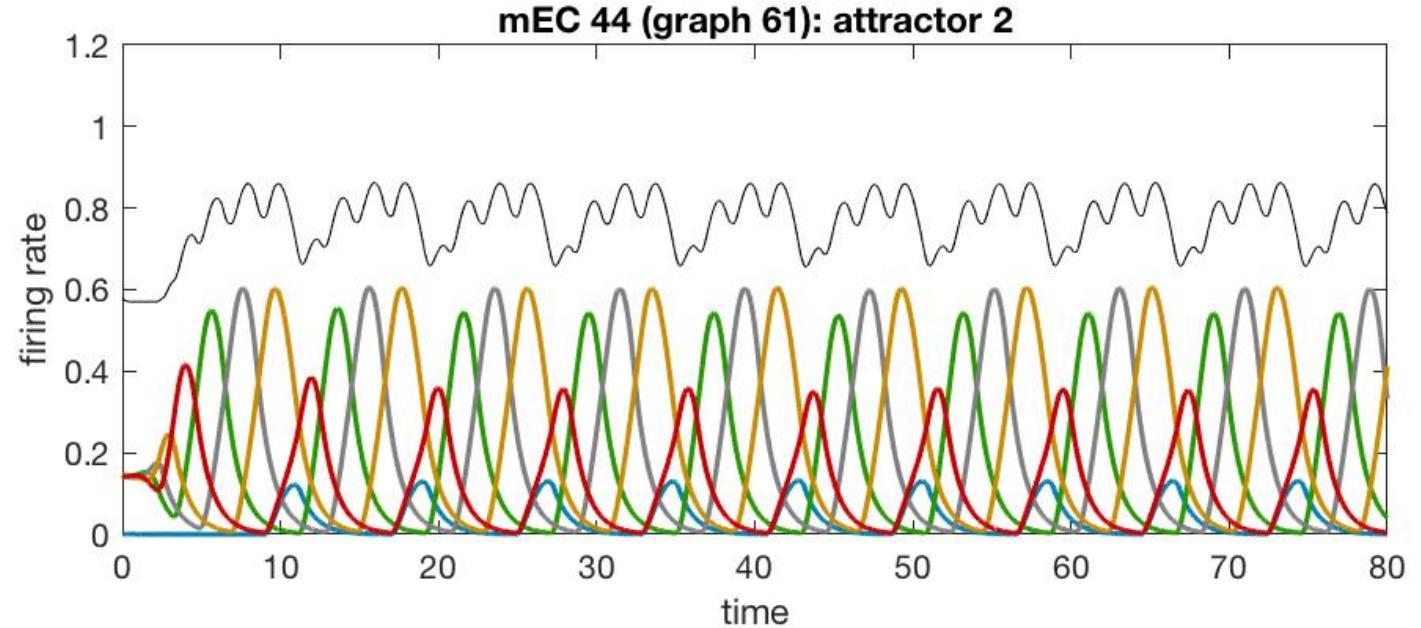
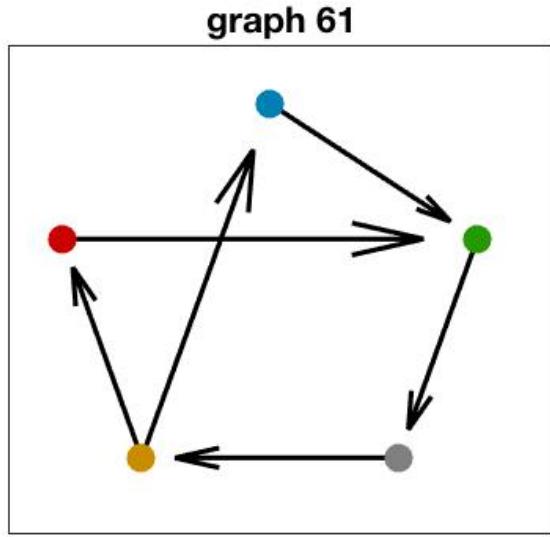
mEC 43



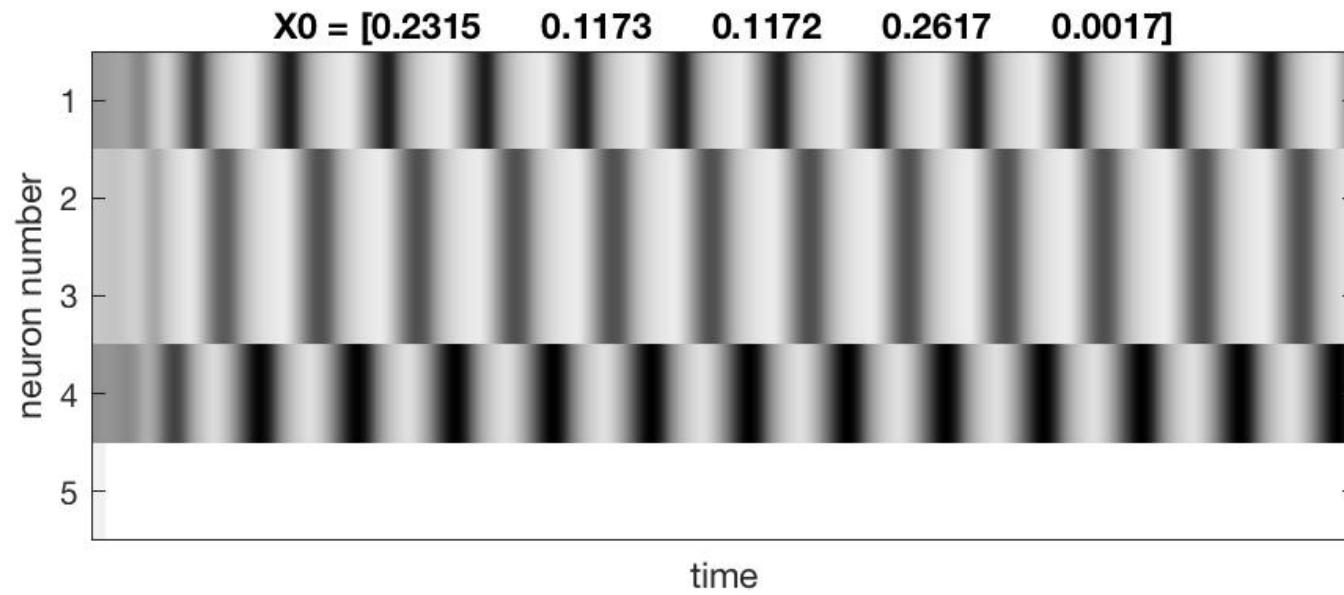
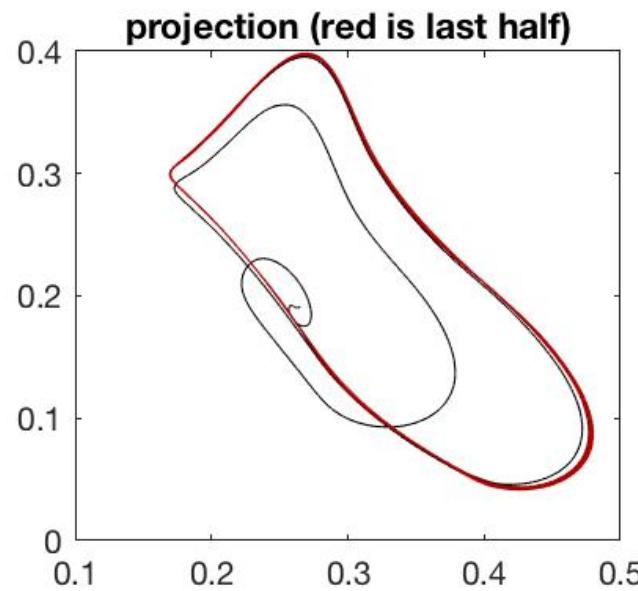
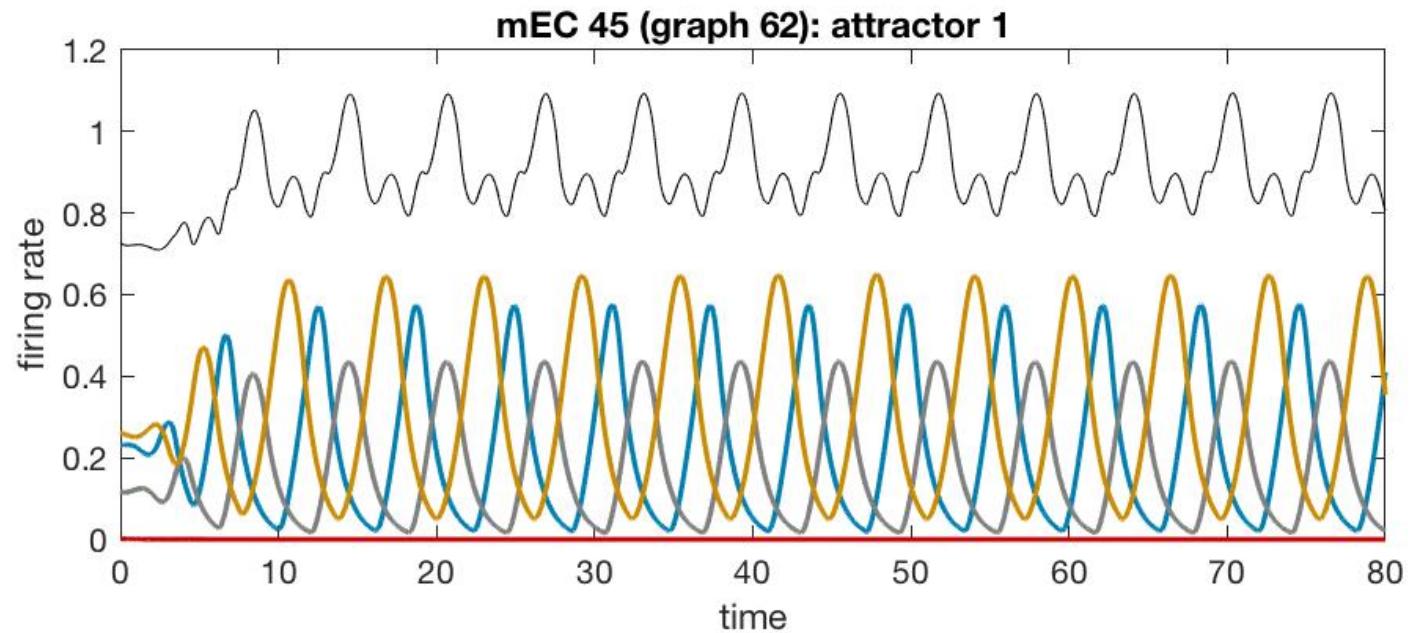
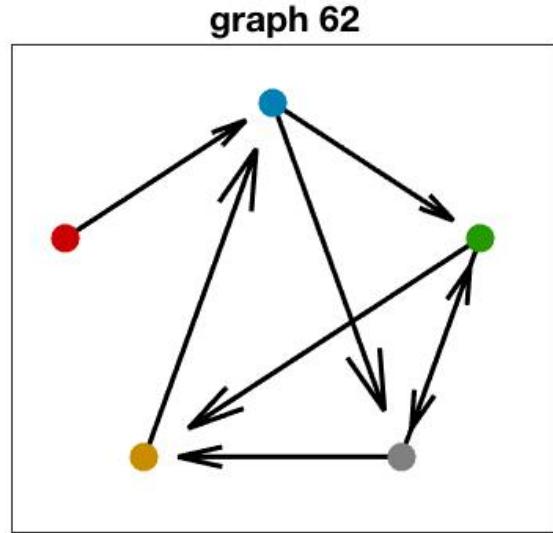
mEC 44



mEC 44

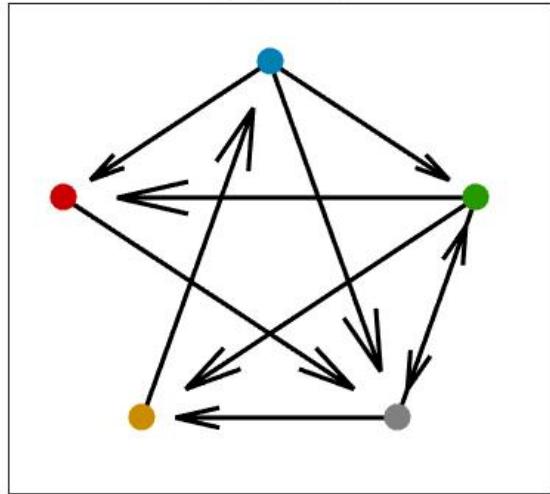


mEC 45

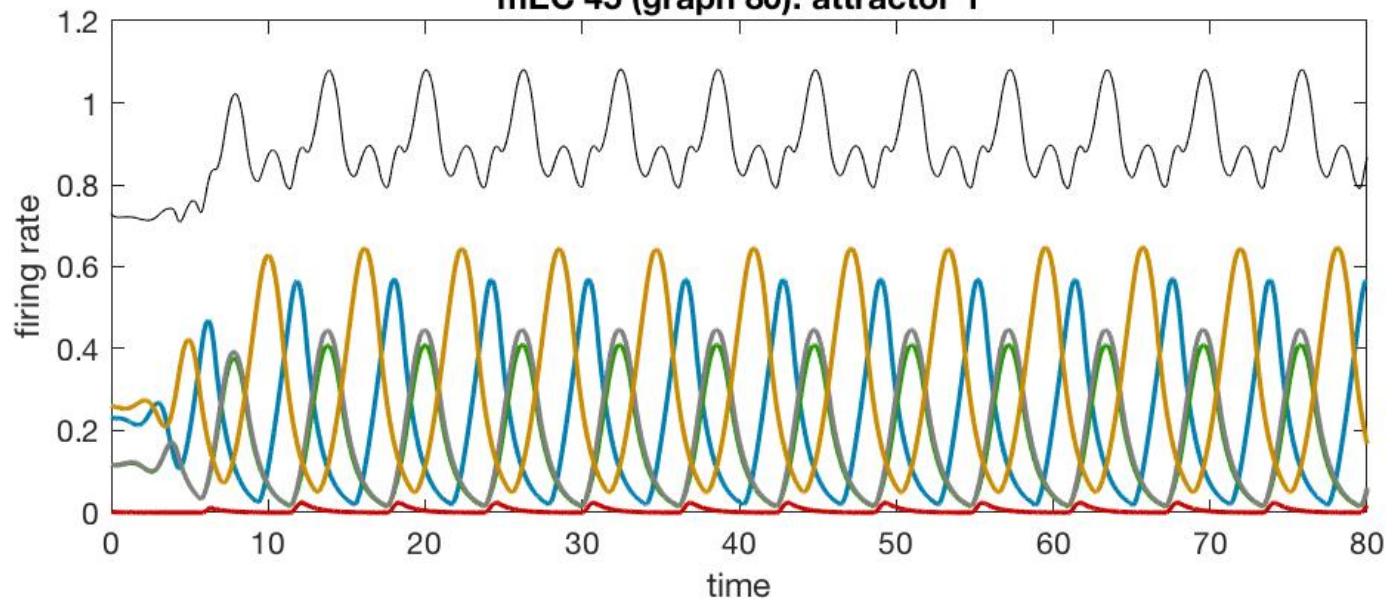


mEC 45

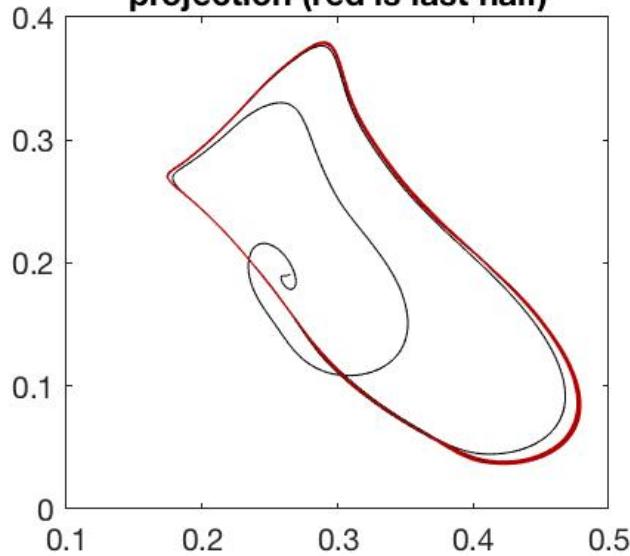
graph 80



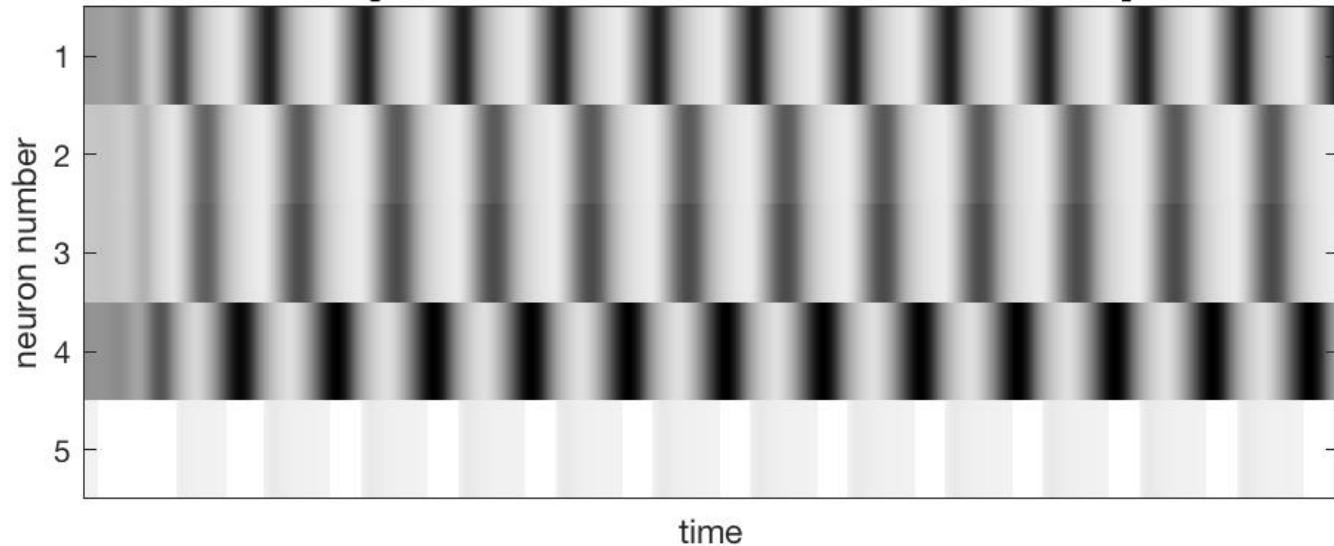
mEC 45 (graph 80): attractor 1



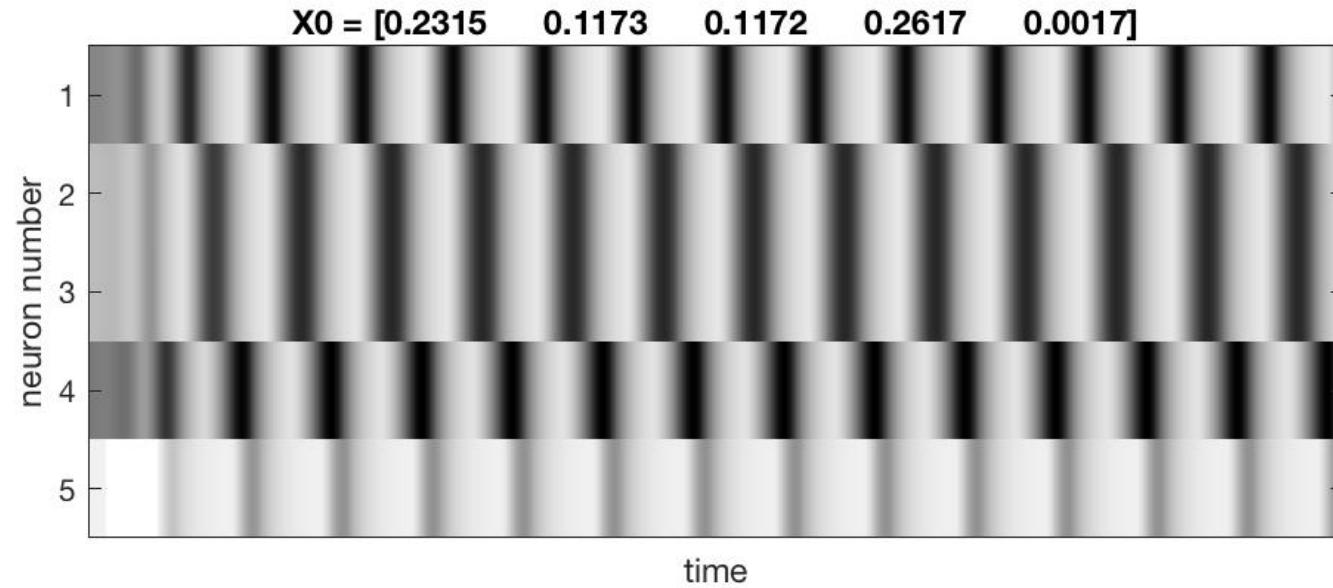
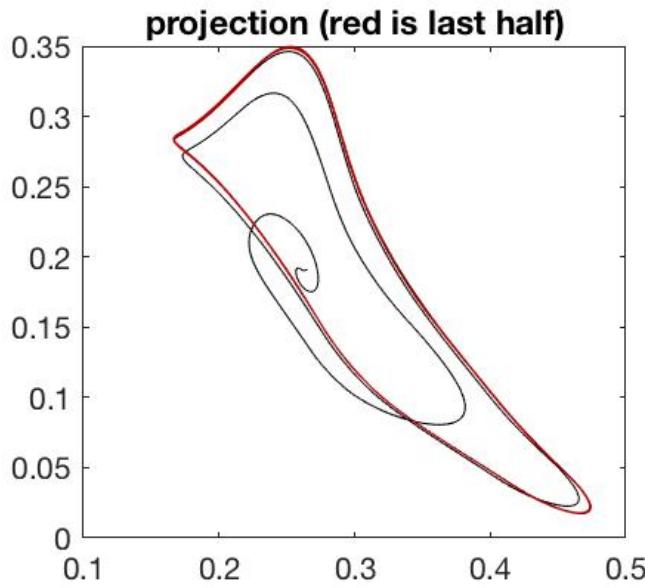
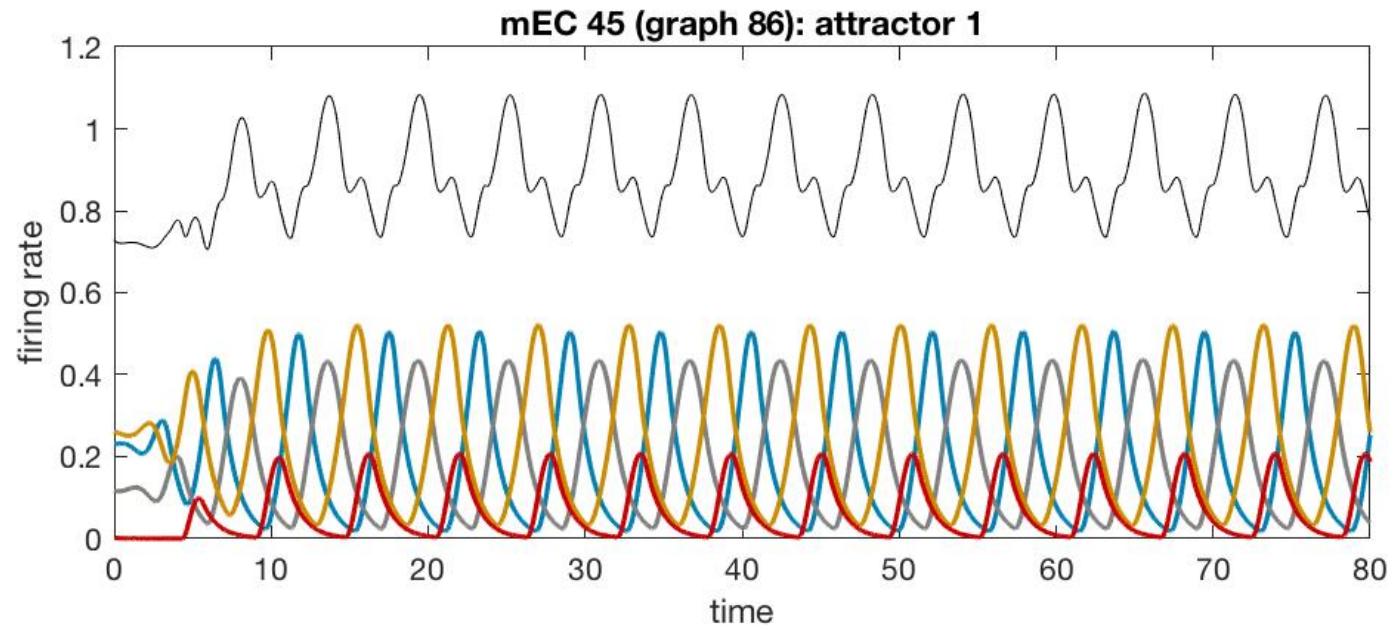
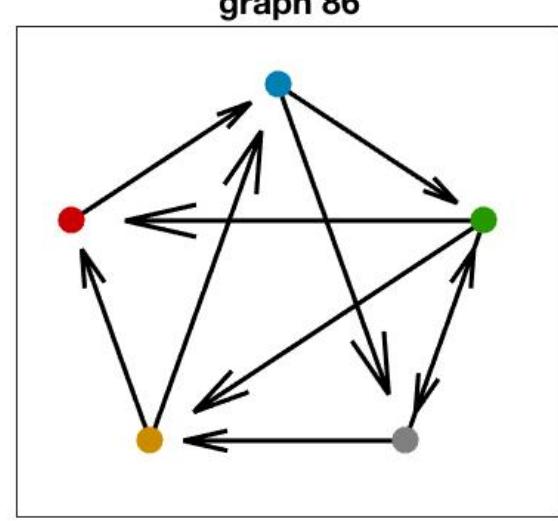
projection (red is last half)



X0 = [0.2315 0.1173 0.1172 0.2617 0.0017]

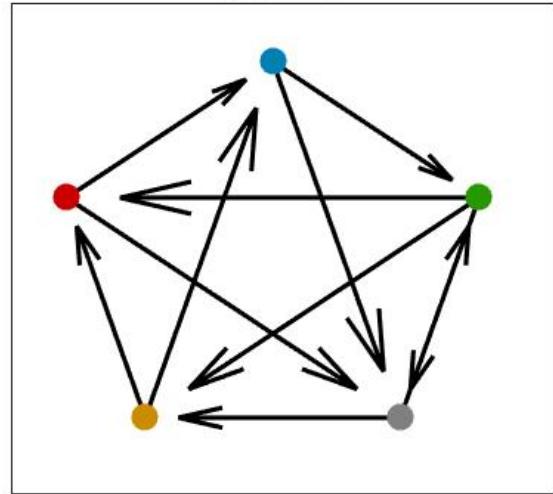


mEC 45

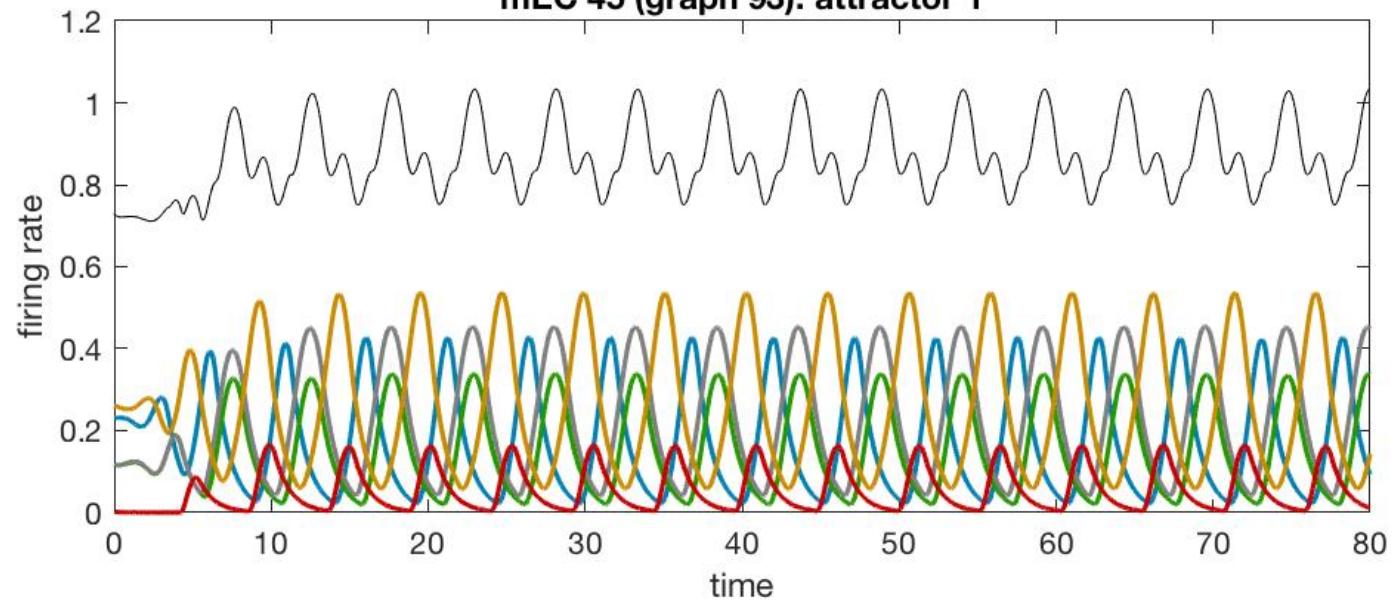


mEC 45

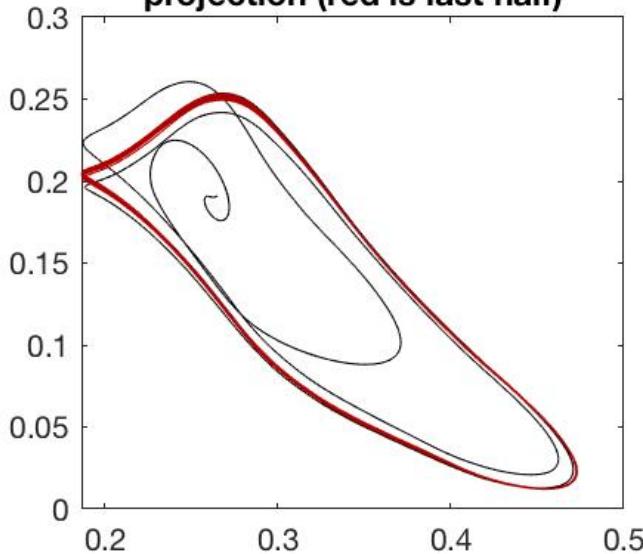
graph 93



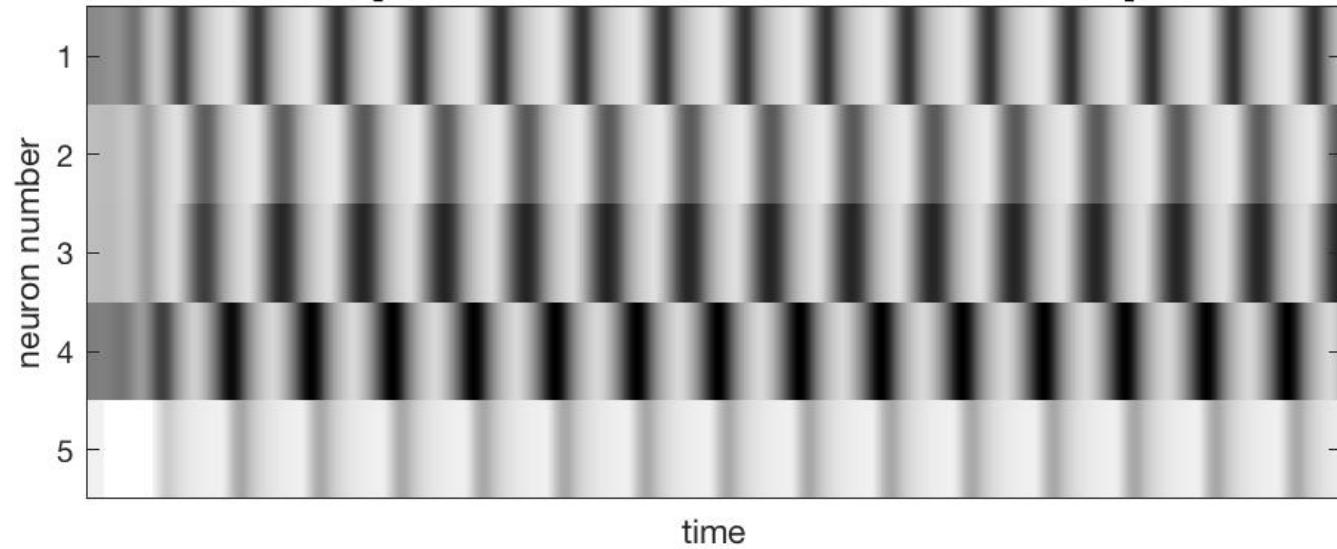
mEC 45 (graph 93): attractor 1



projection (red is last half)

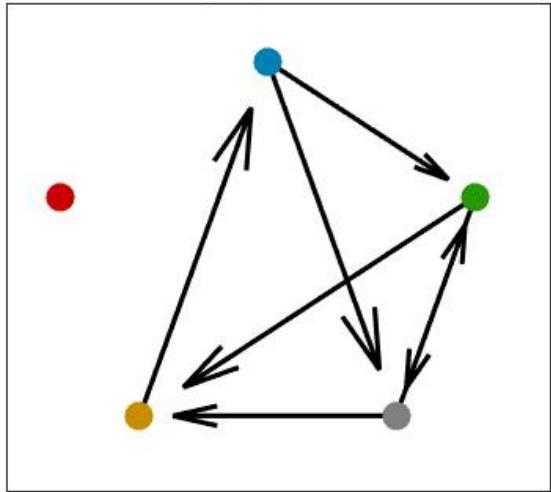


X0 = [0.2315 0.1173 0.1172 0.2617 0.0017]

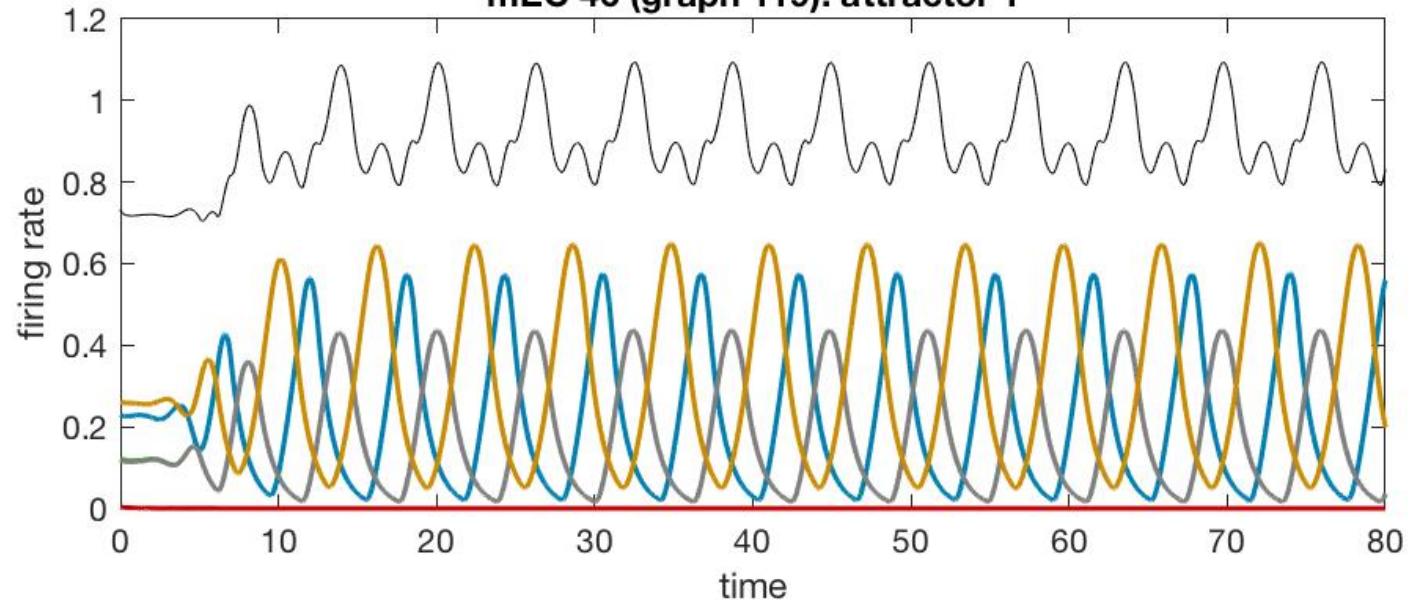


mEC 46

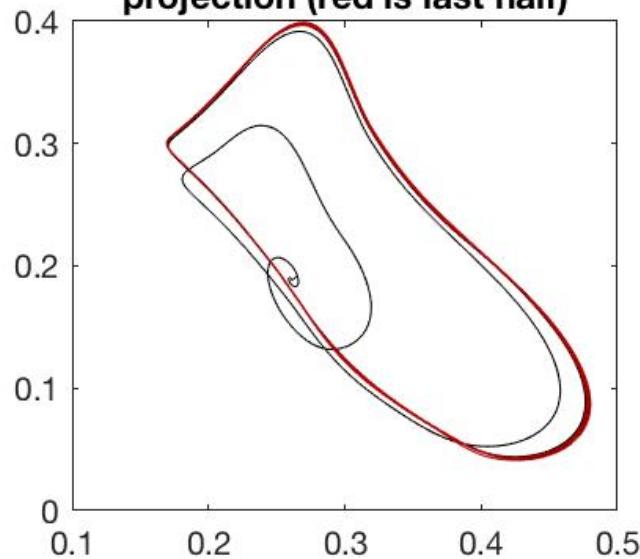
graph 119



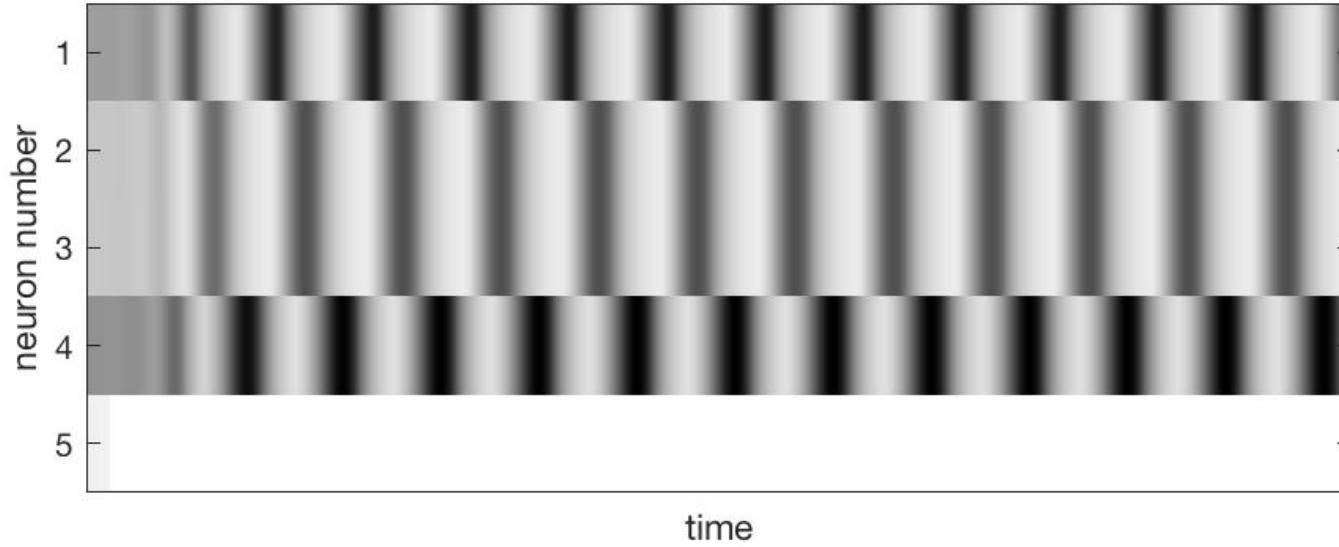
mEC 46 (graph 119): attractor 1



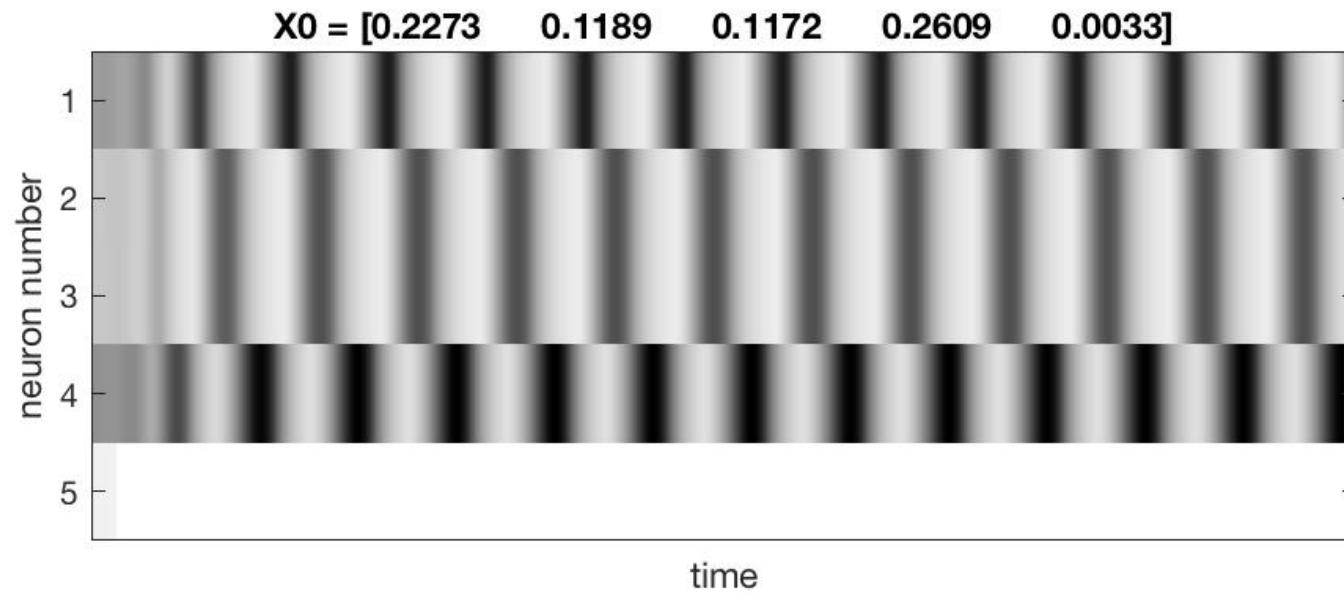
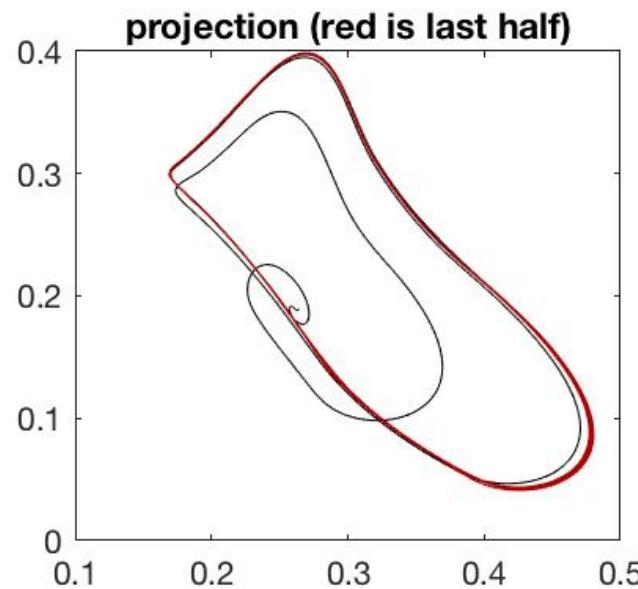
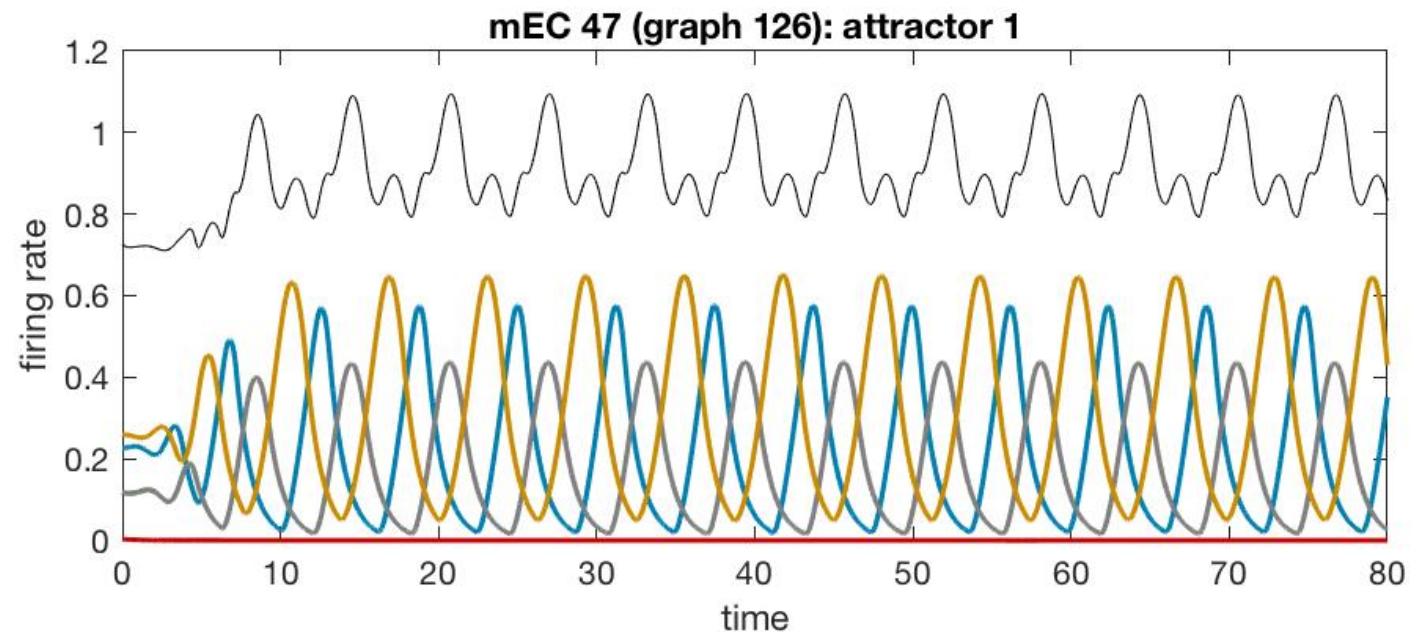
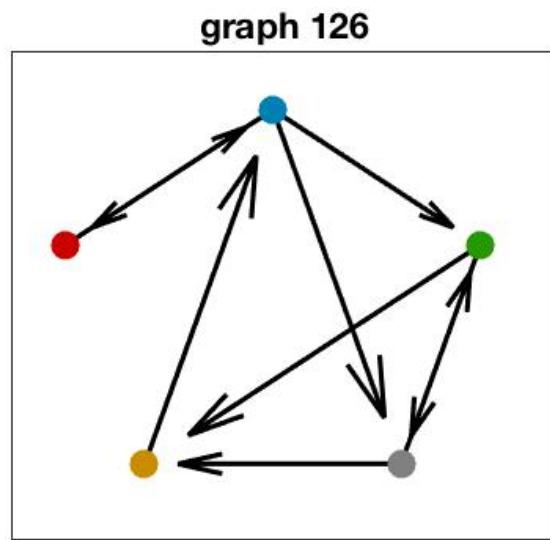
projection (red is last half)



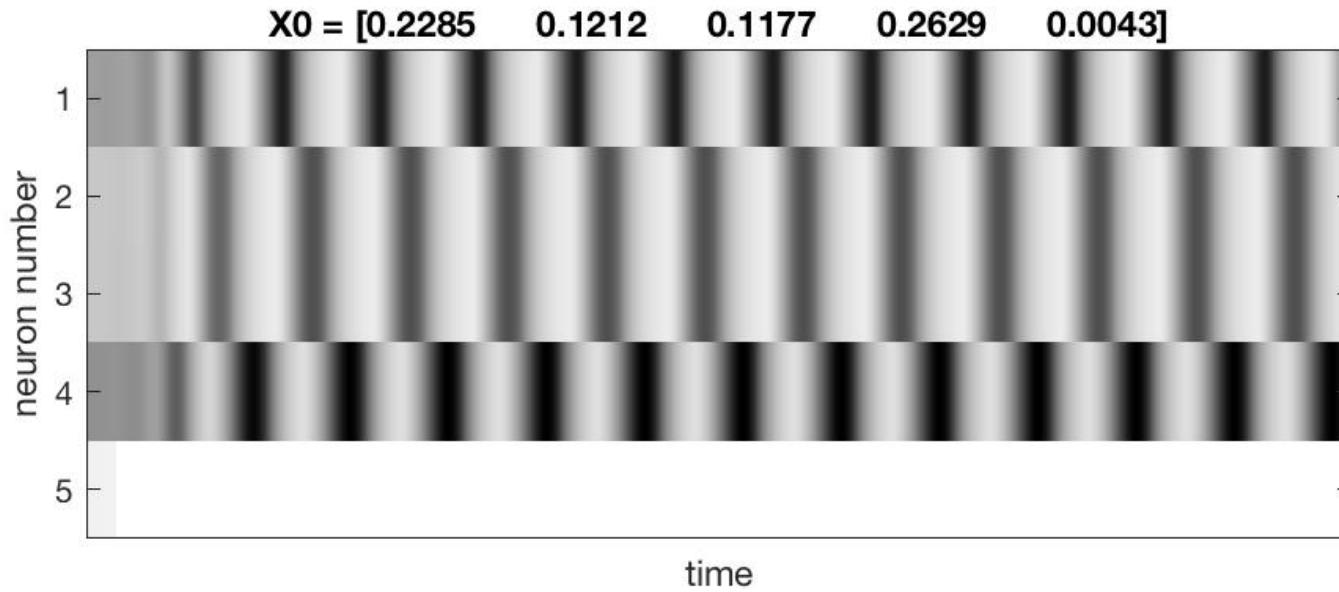
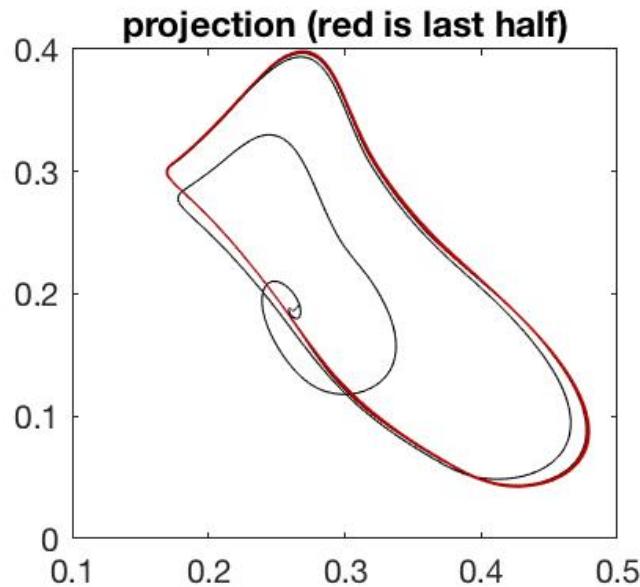
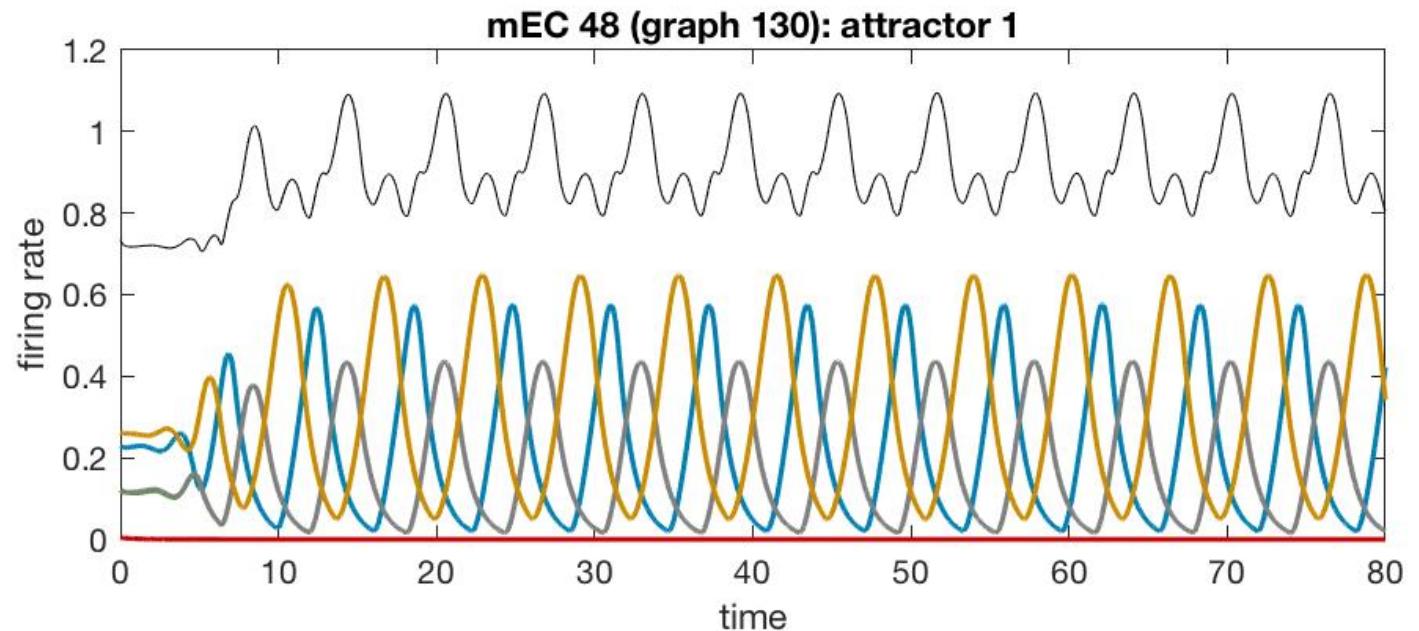
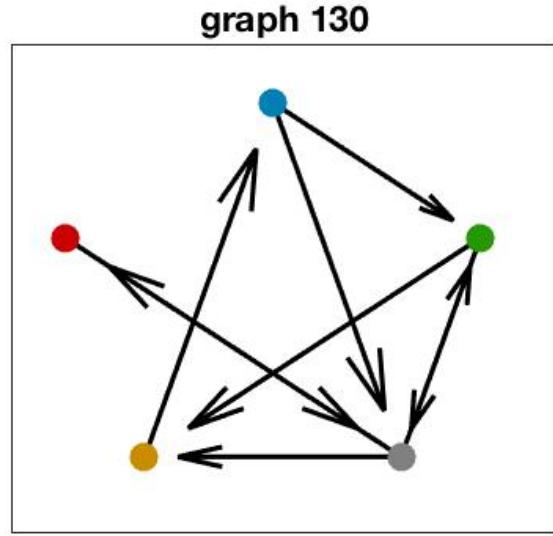
$X_0 = [0.2291 \quad 0.1217 \quad 0.1176 \quad 0.2615 \quad 0.0031]$



mEC 47

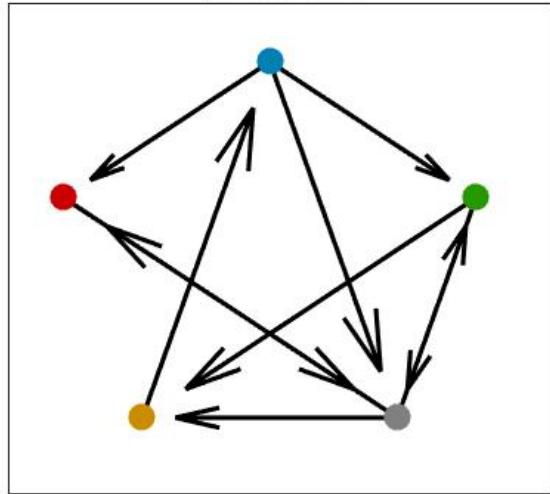


mEC 48

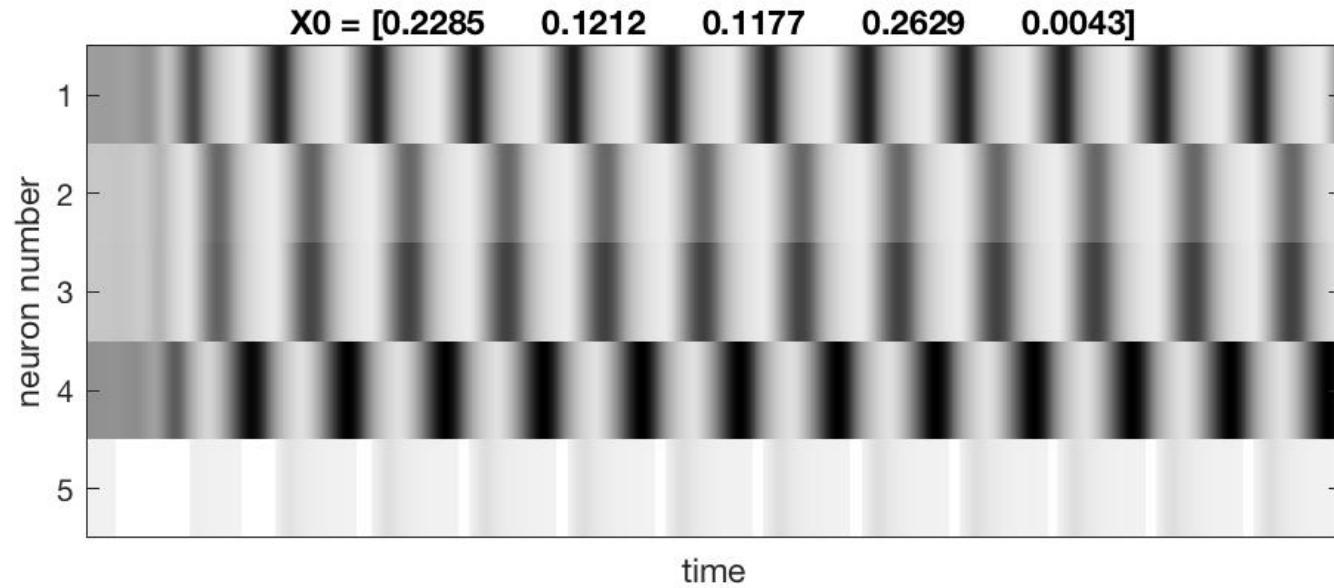
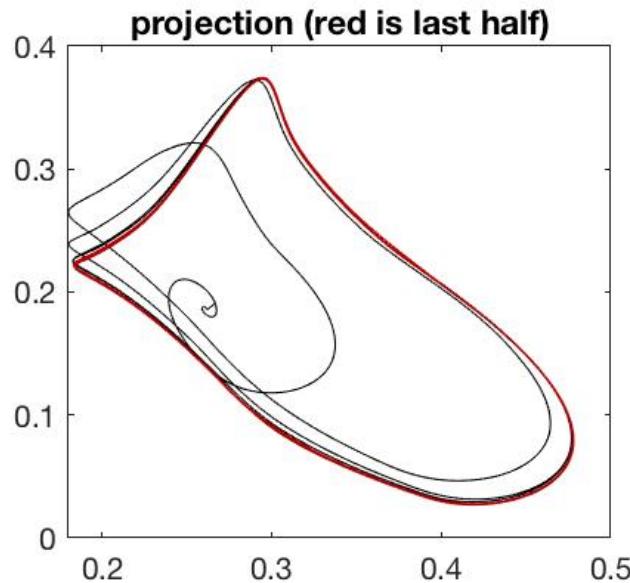
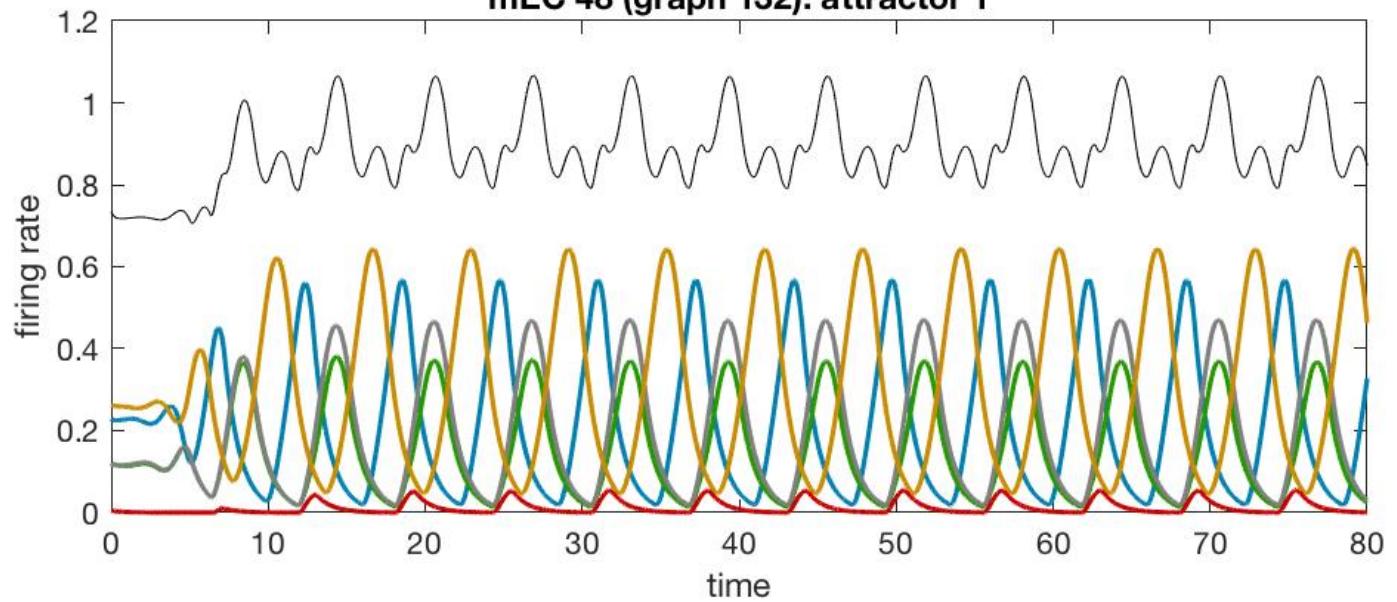


mEC 48

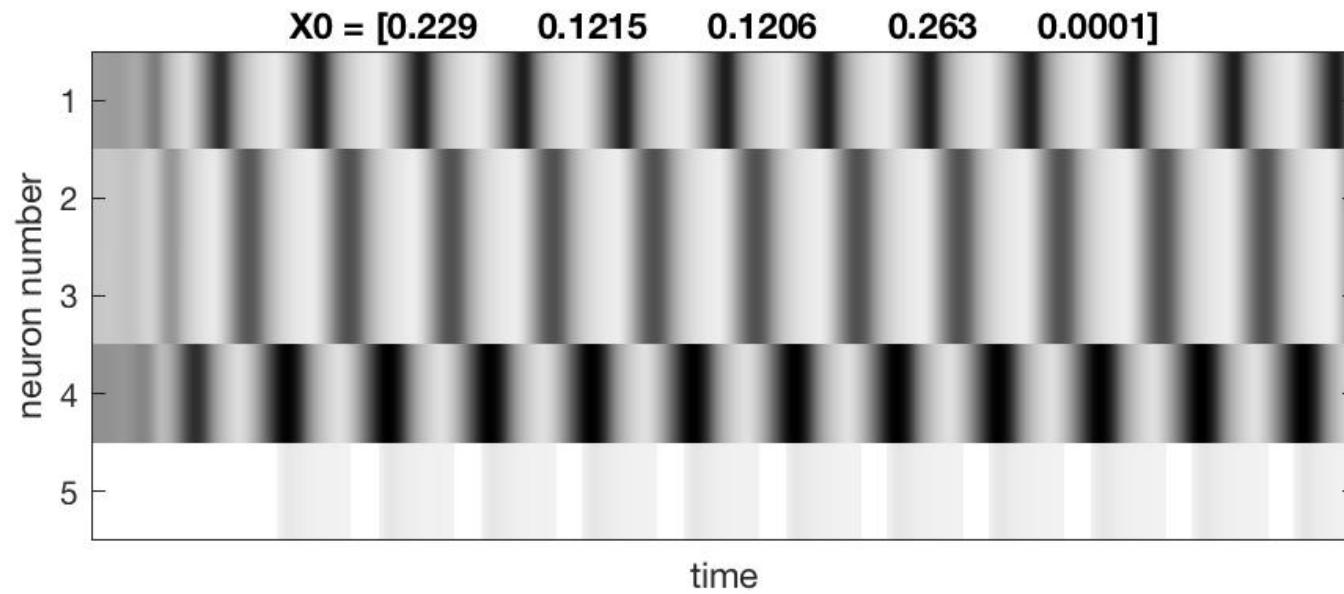
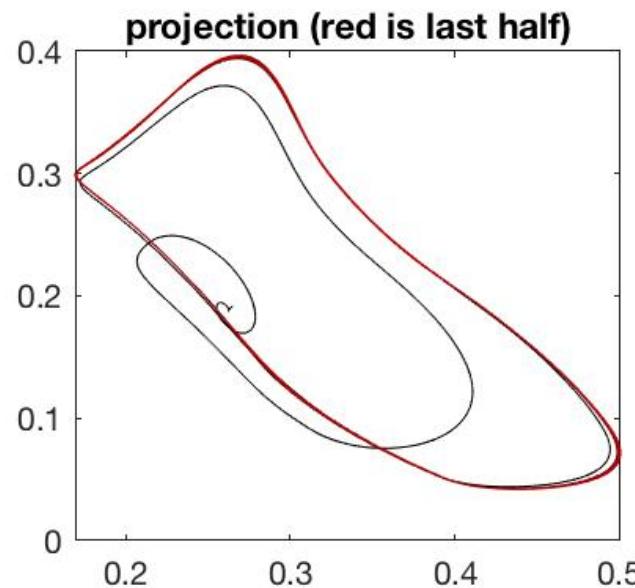
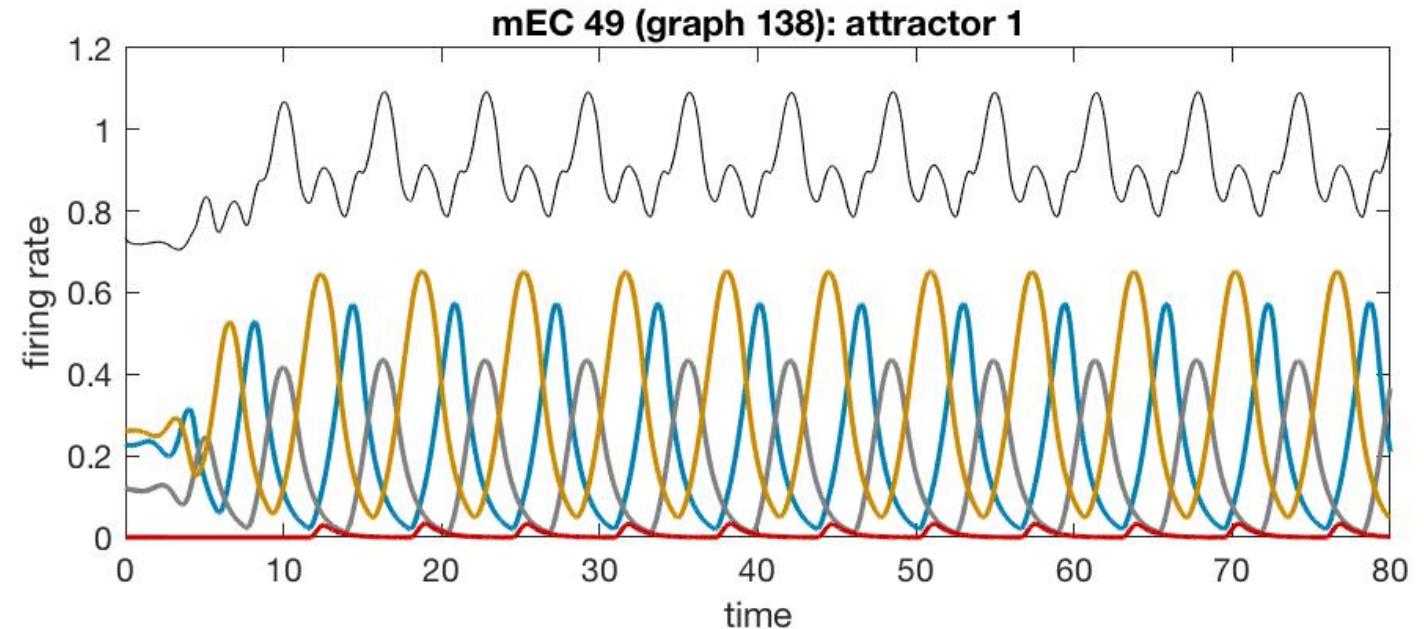
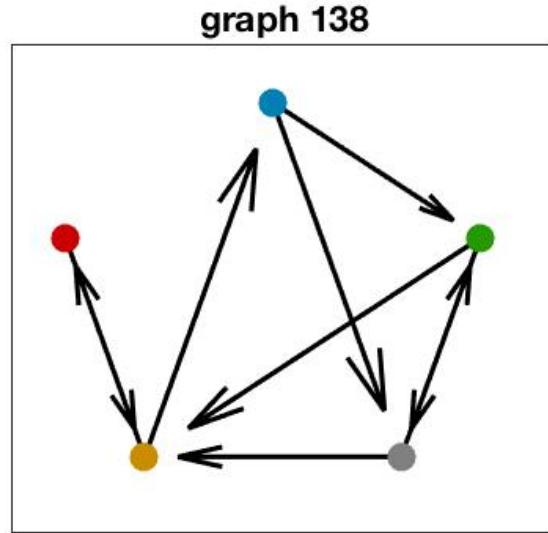
graph 132



mEC 48 (graph 132): attractor 1

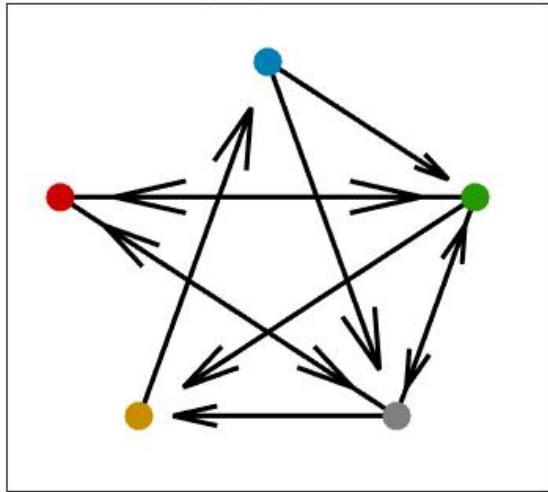


mEC 49

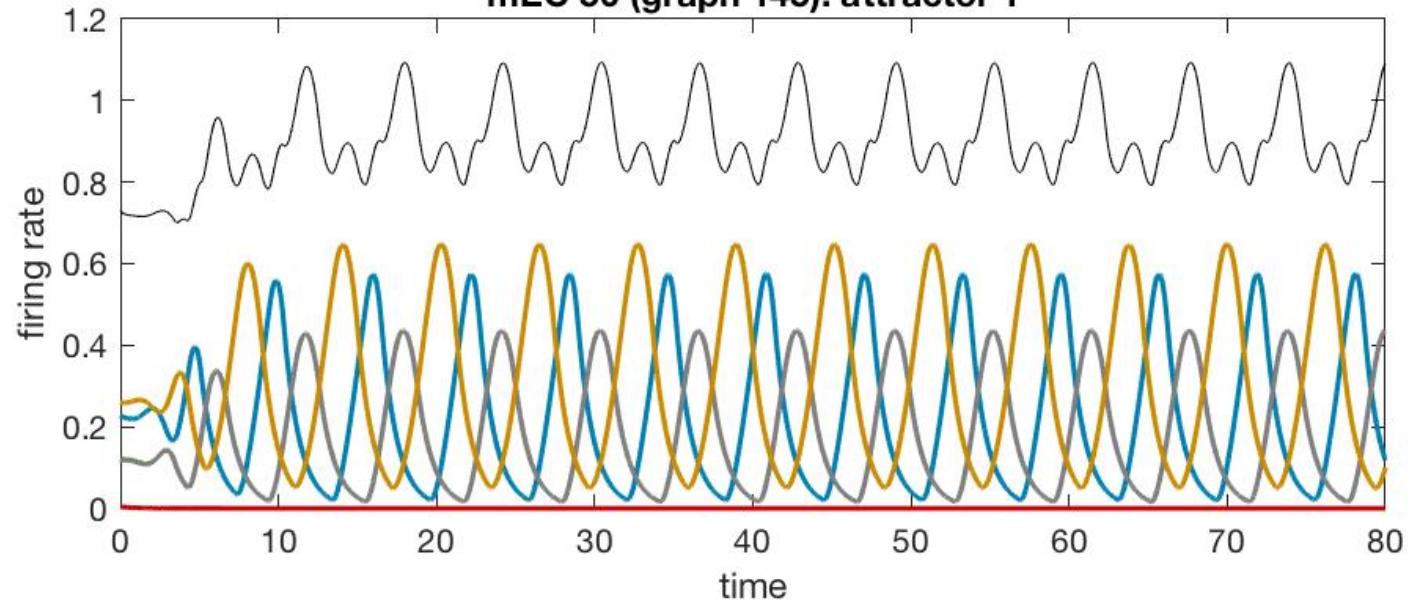


mEC 50

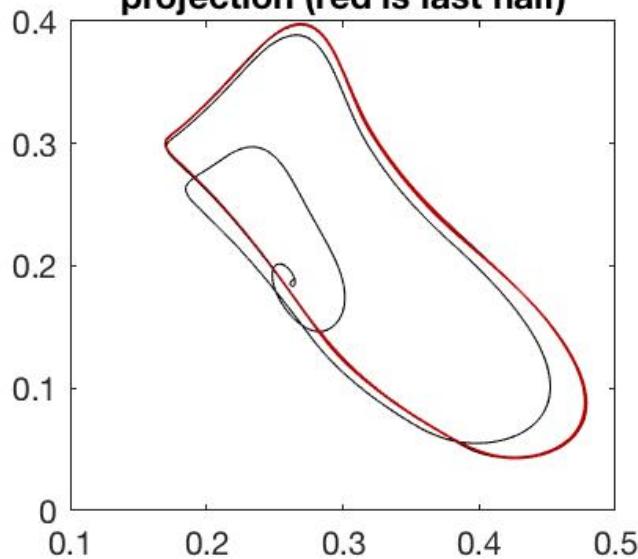
graph 145



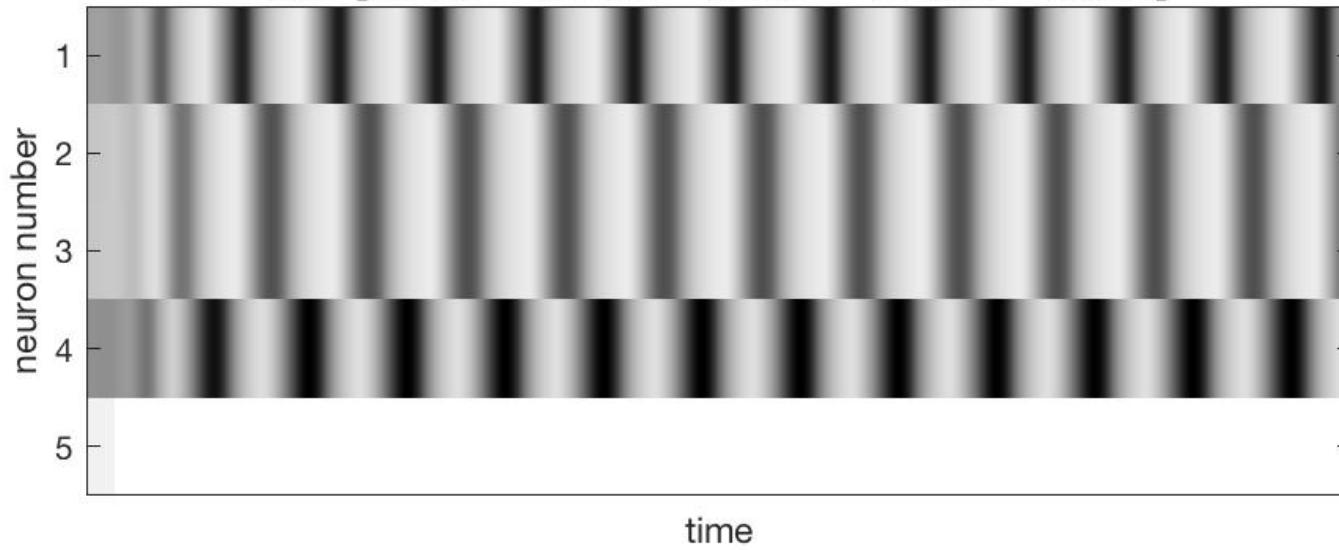
mEC 50 (graph 145): attractor 1



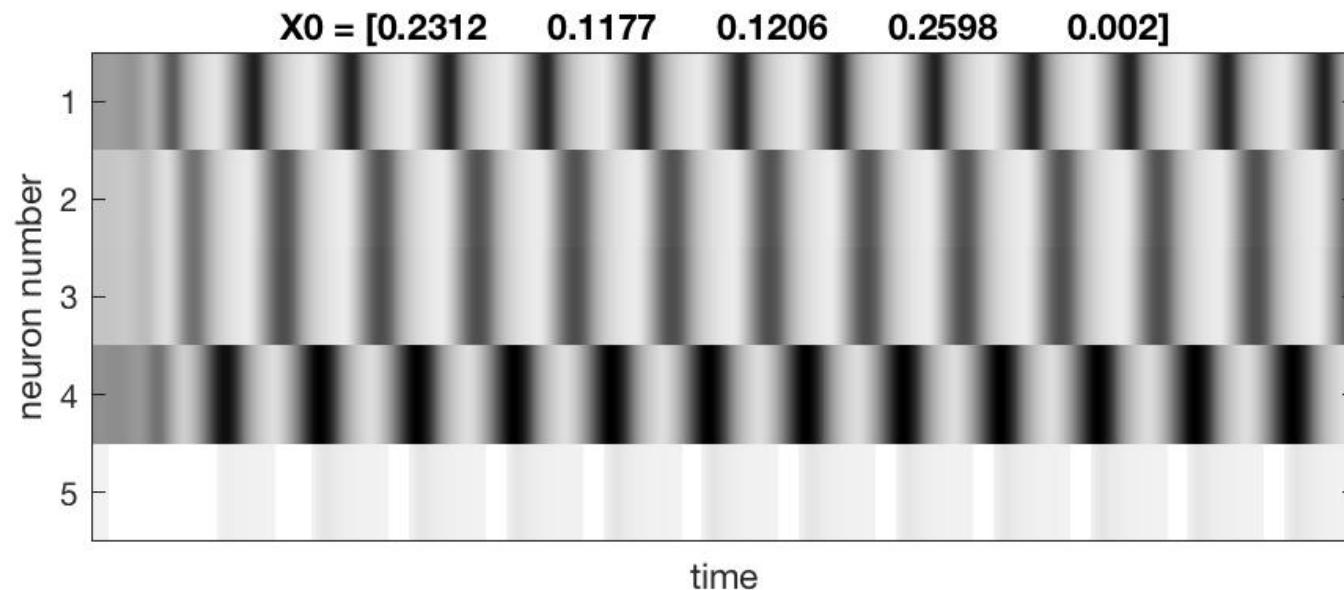
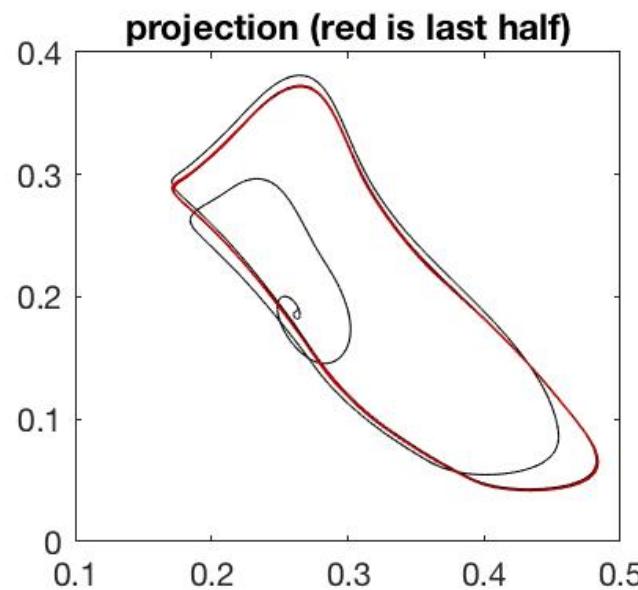
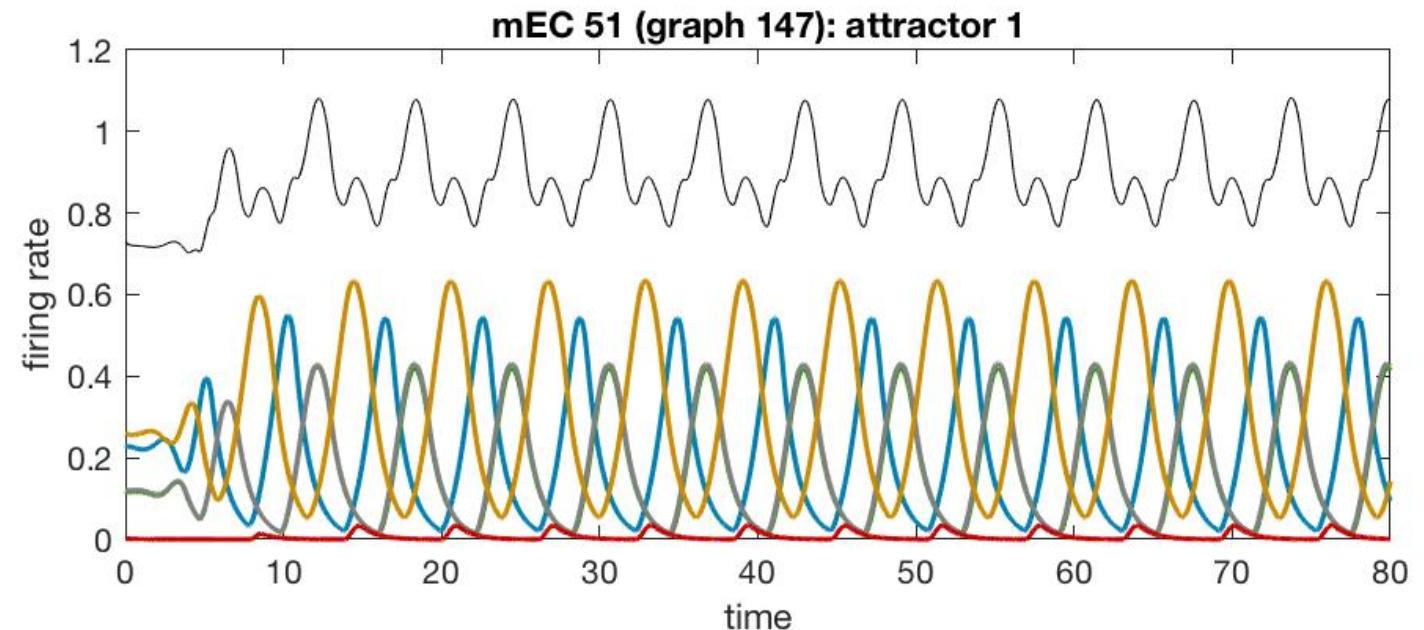
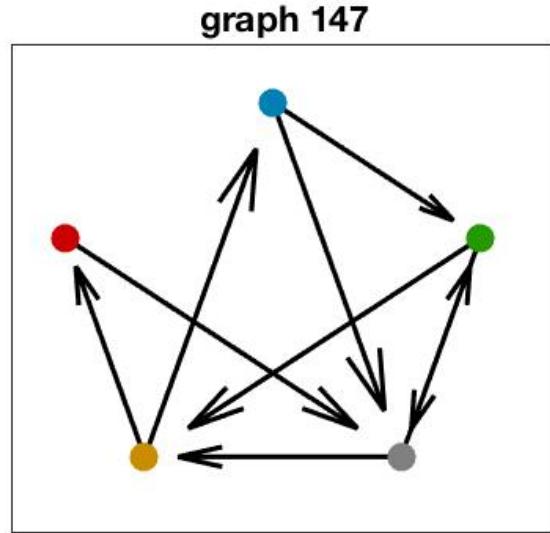
projection (red is last half)



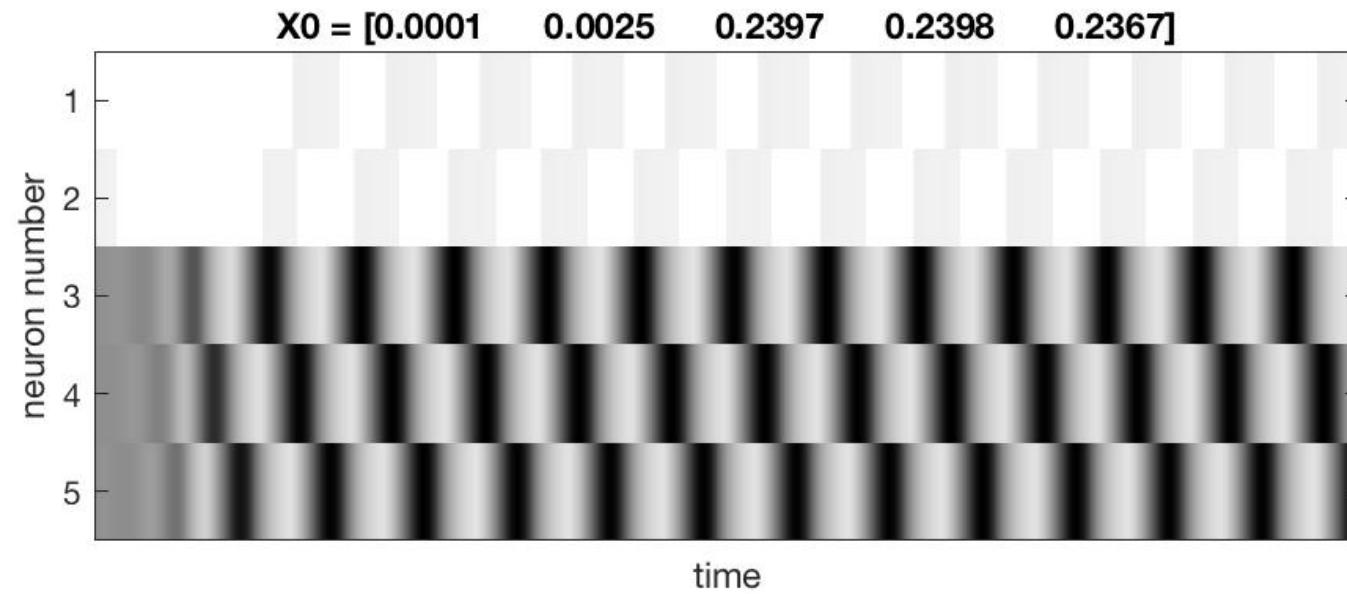
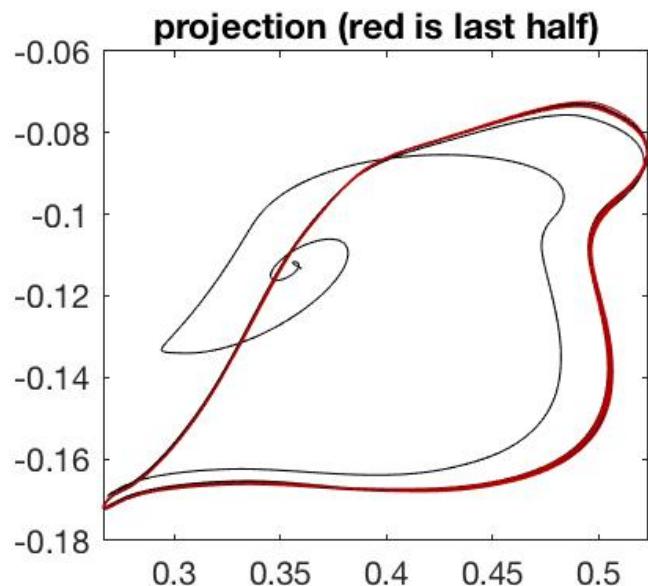
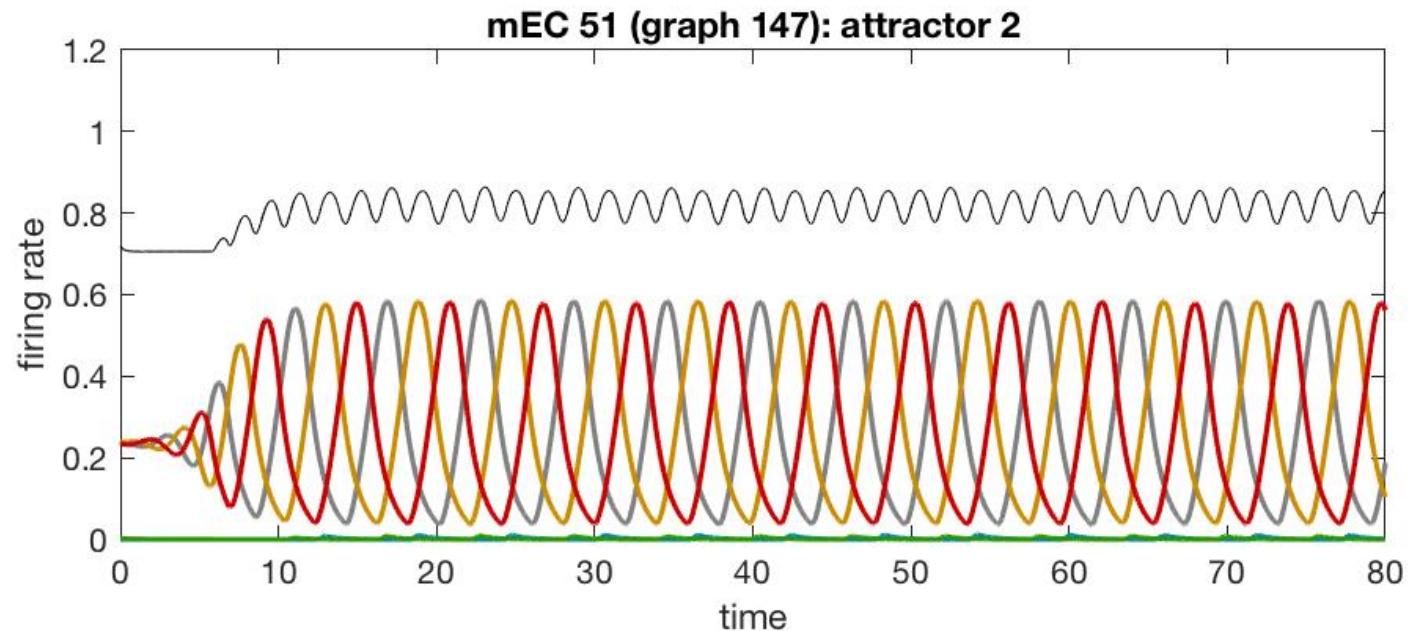
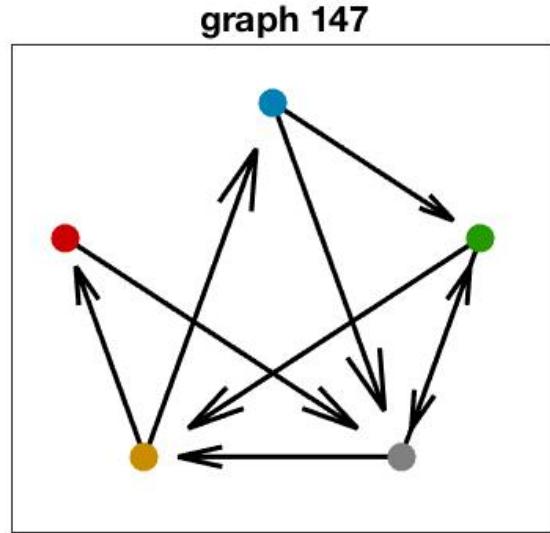
$X_0 = [0.2278 \quad 0.1208 \quad 0.1187 \quad 0.2603 \quad 0.0041]$



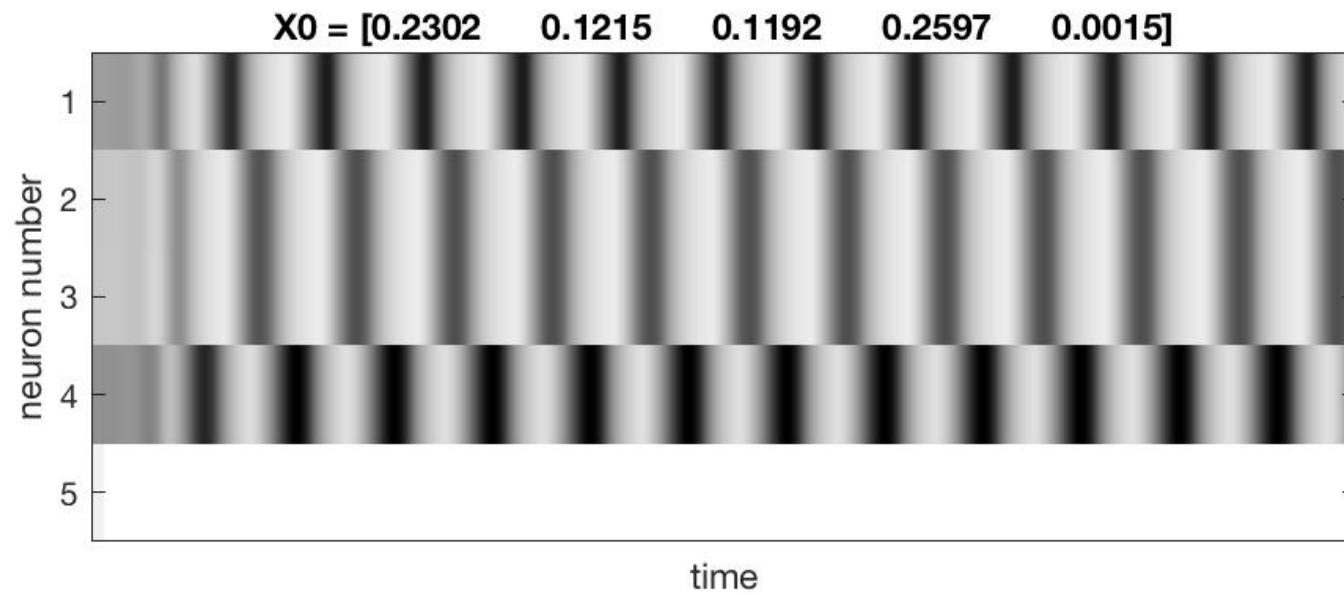
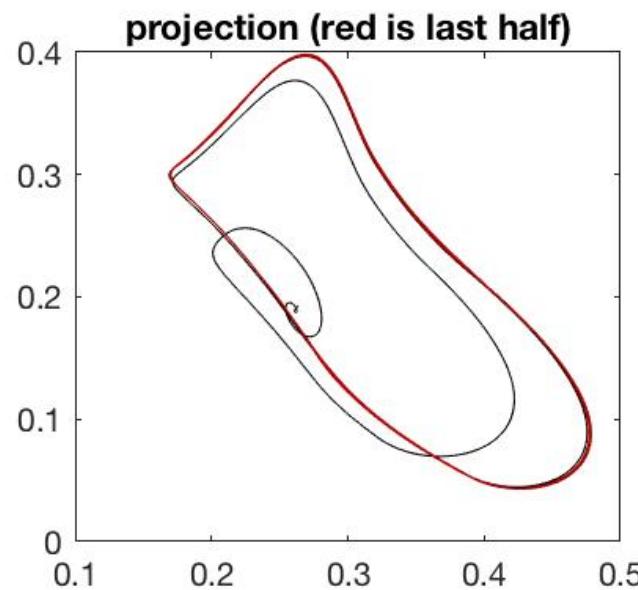
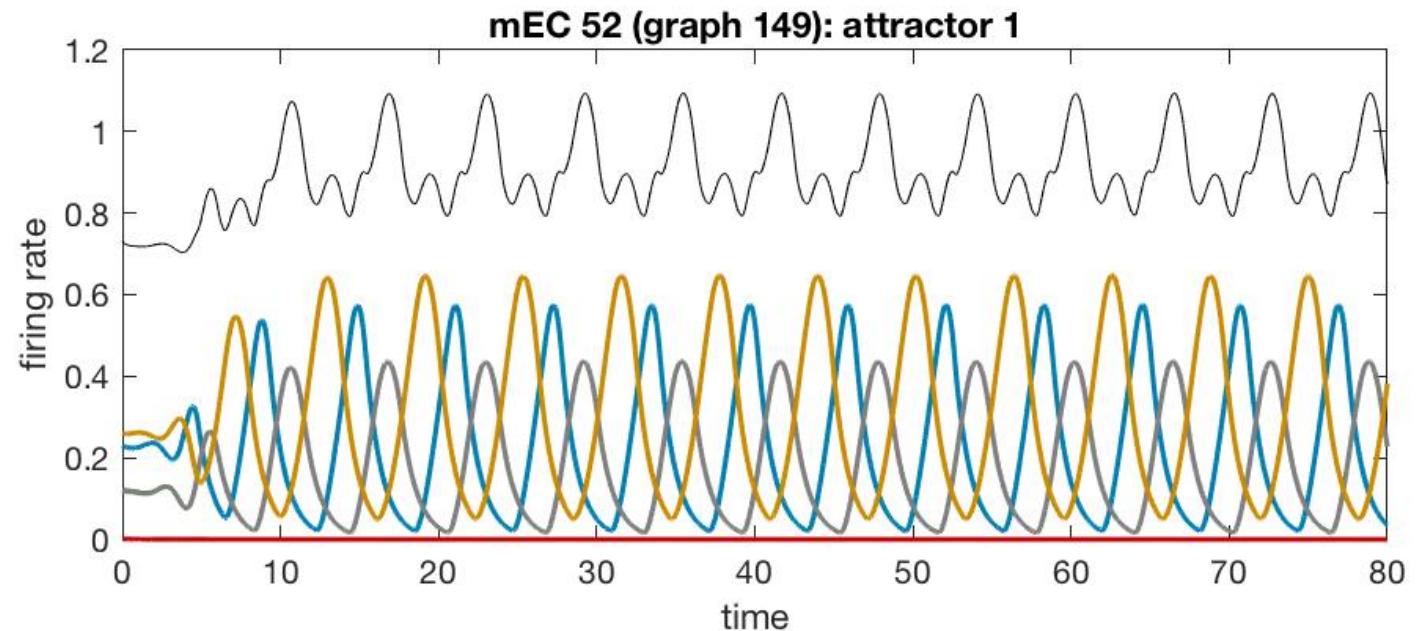
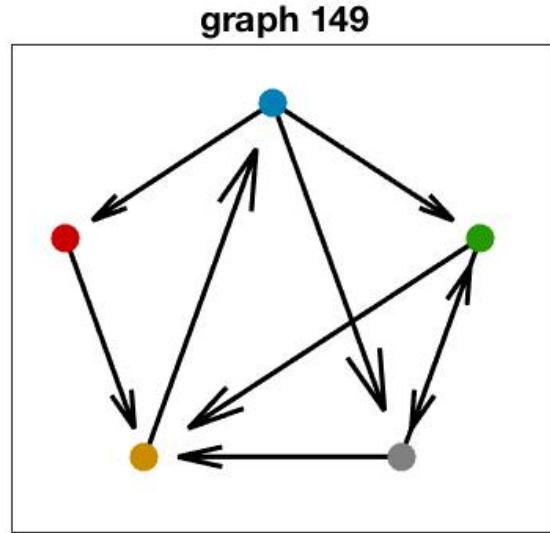
mEC 51



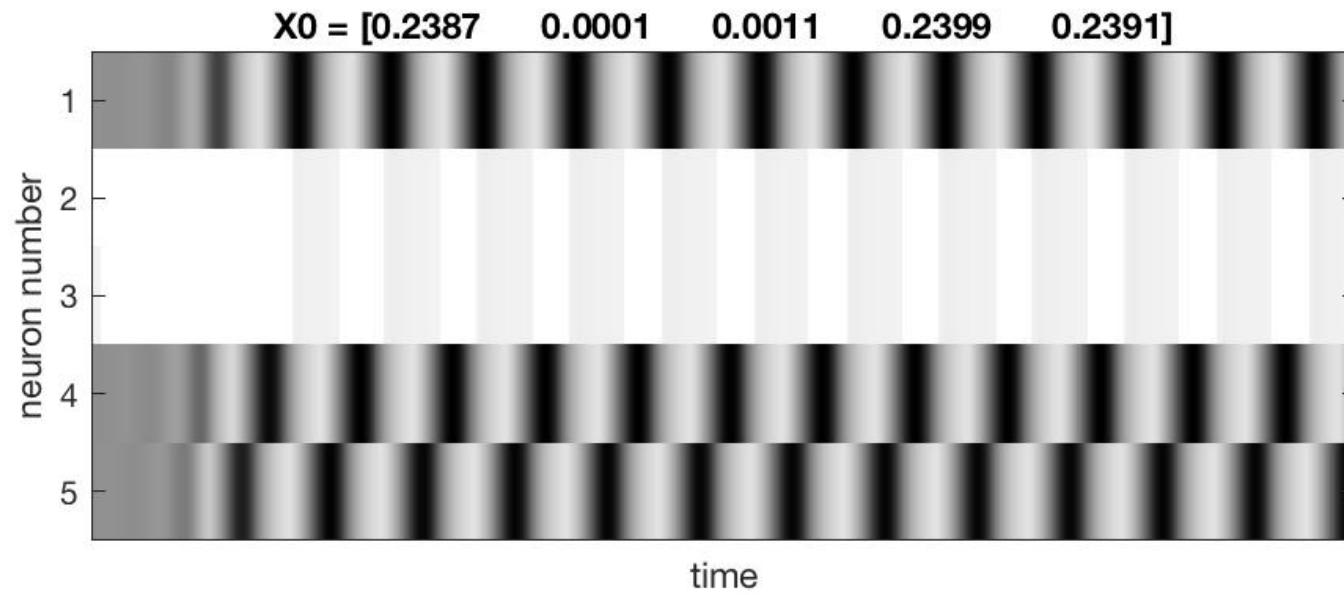
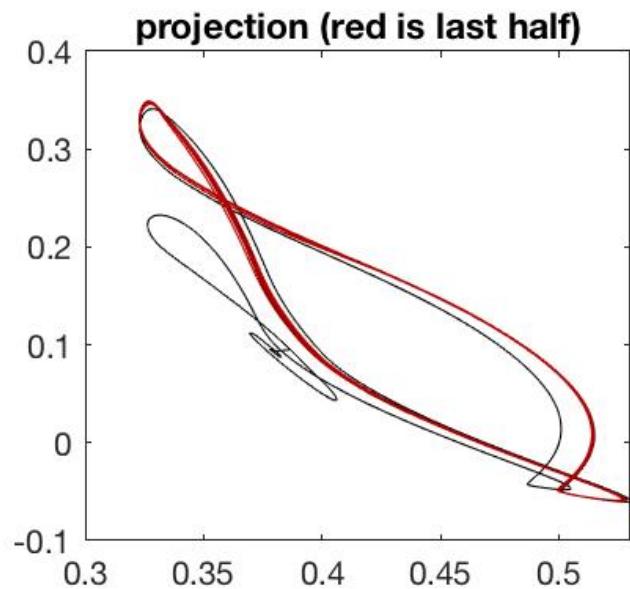
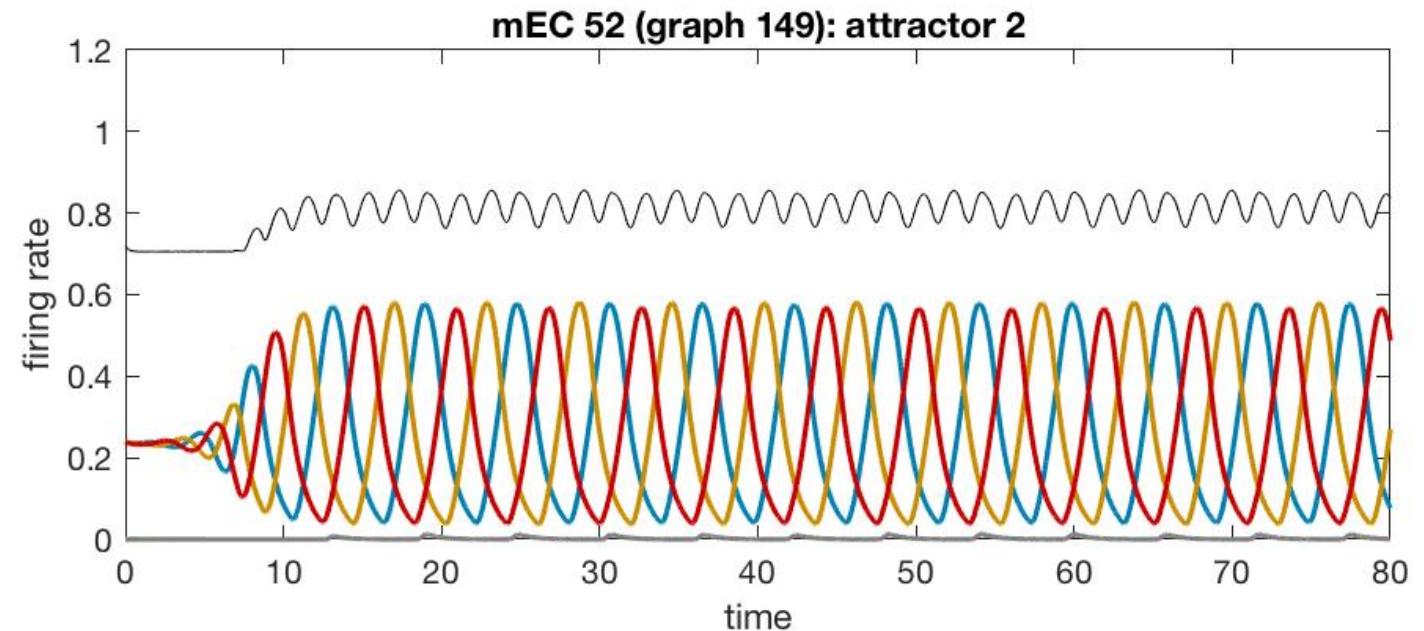
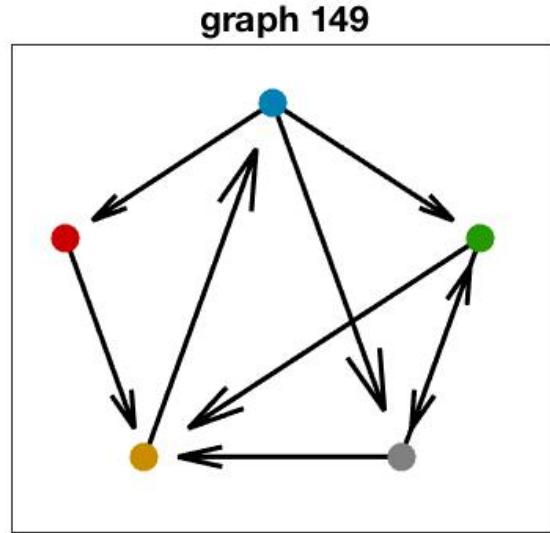
mEC 51



mEC 52

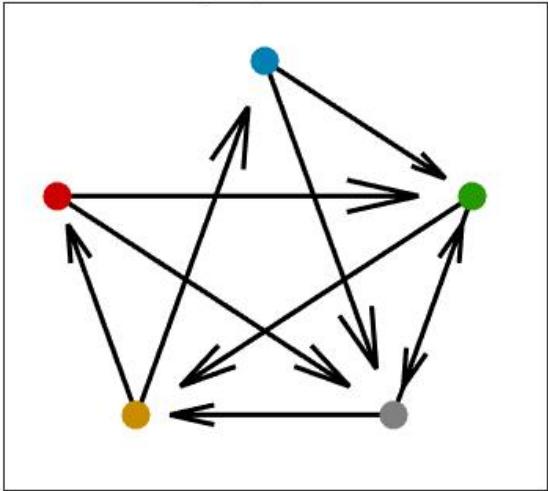


mEC 52

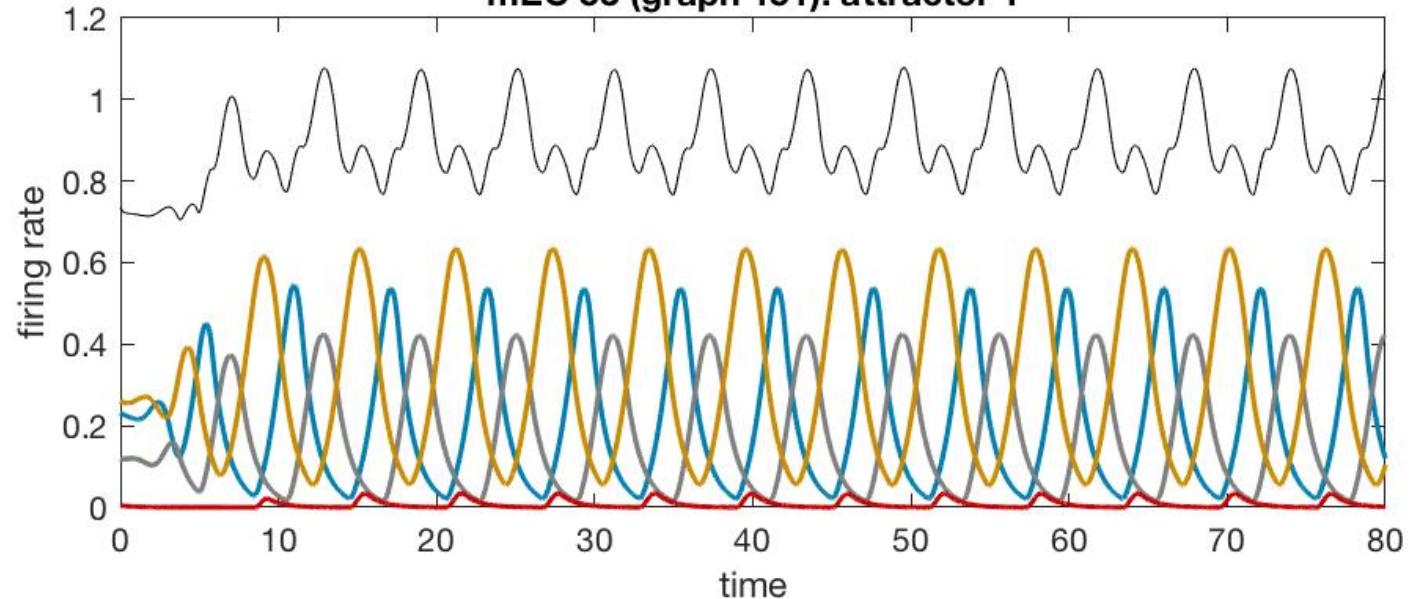


mEC 53

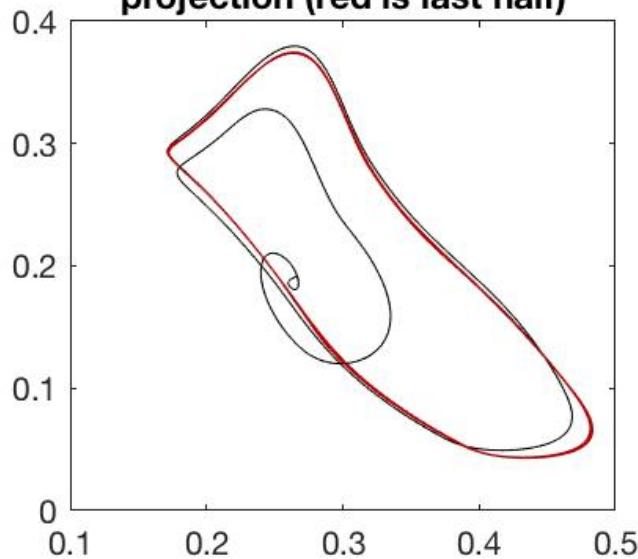
graph 151



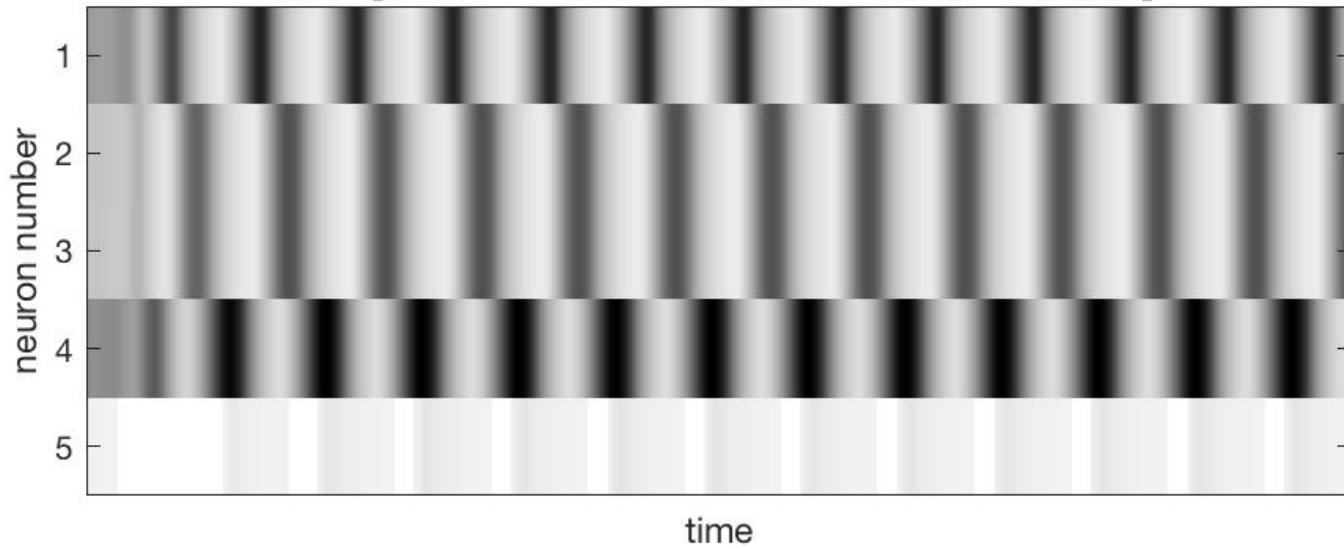
mEC 53 (graph 151): attractor 1



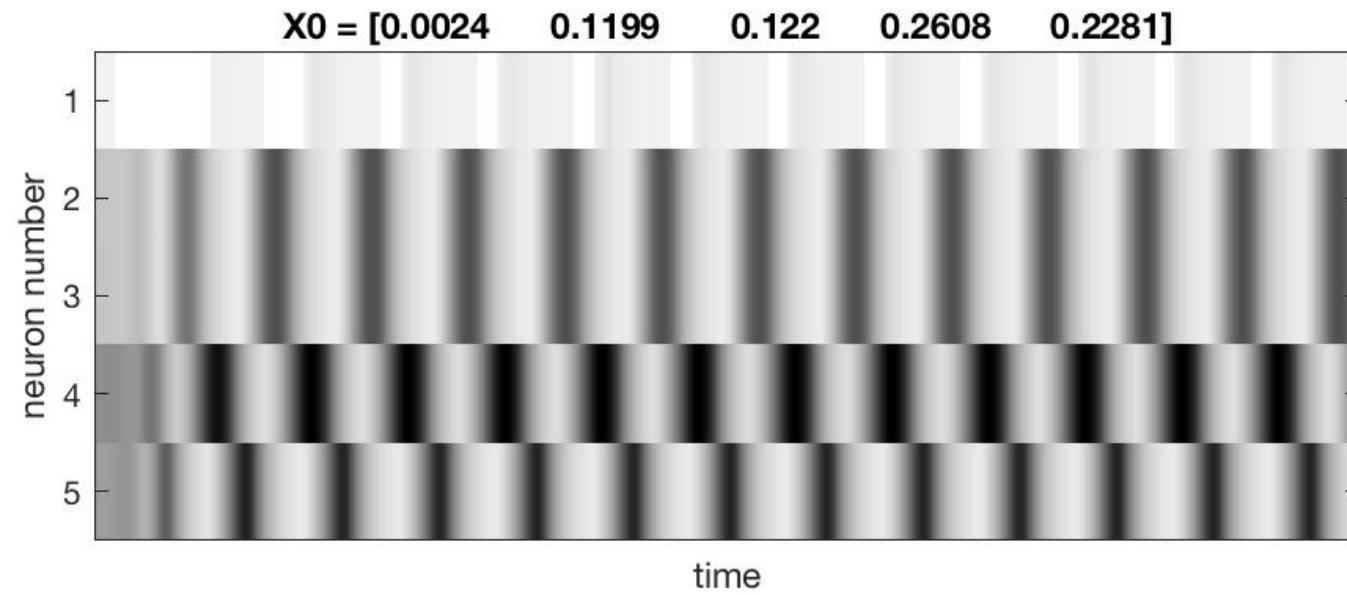
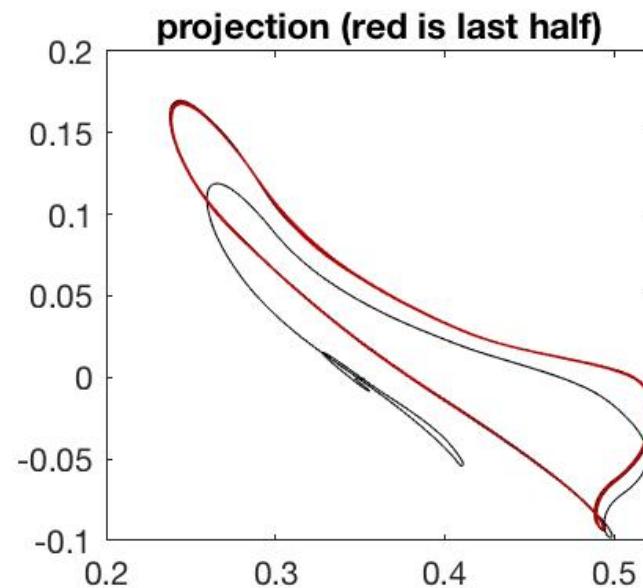
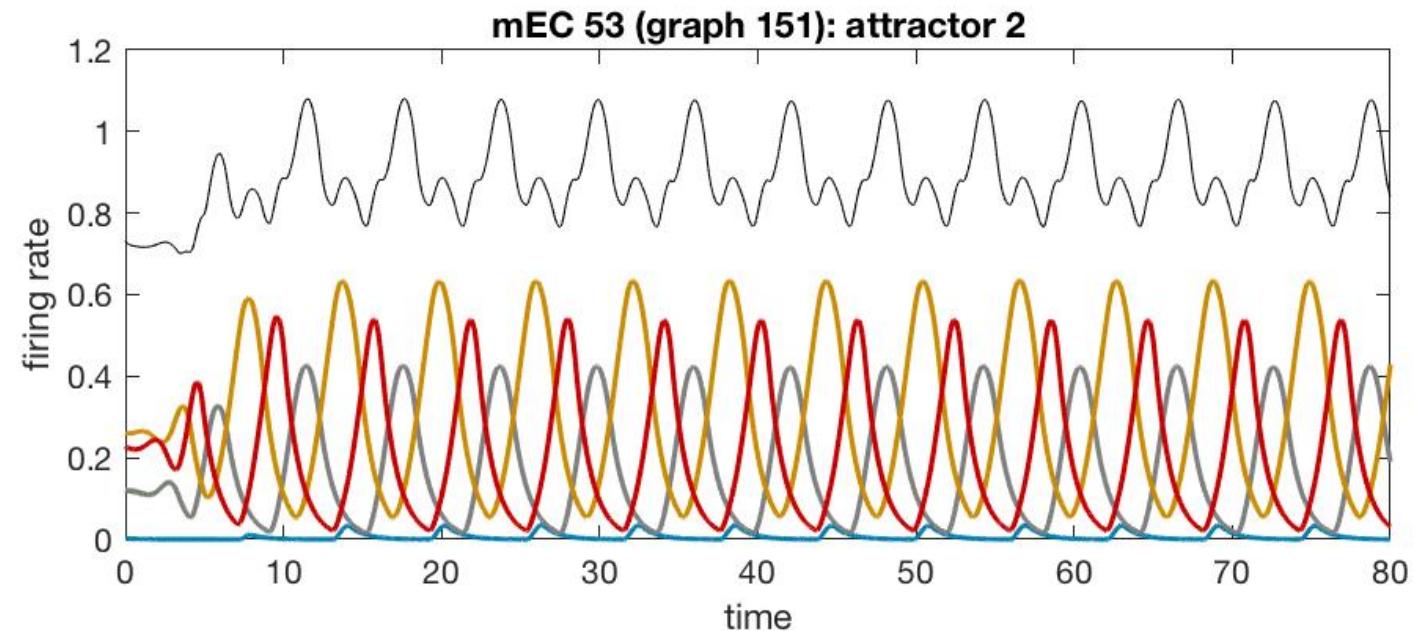
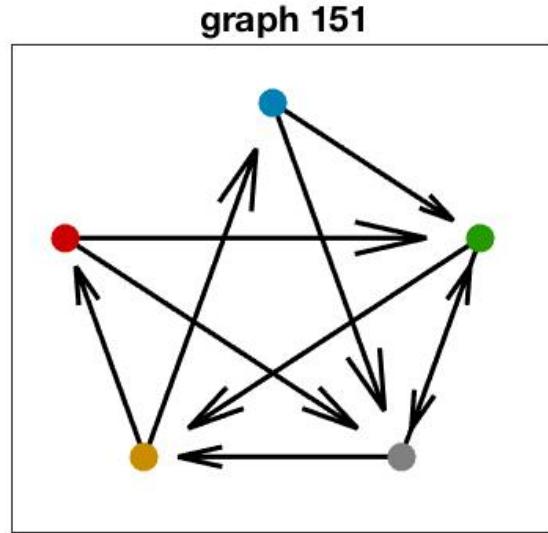
projection (red is last half)



$X_0 = [0.2319 \quad 0.12 \quad 0.1184 \quad 0.261 \quad 0.0047]$

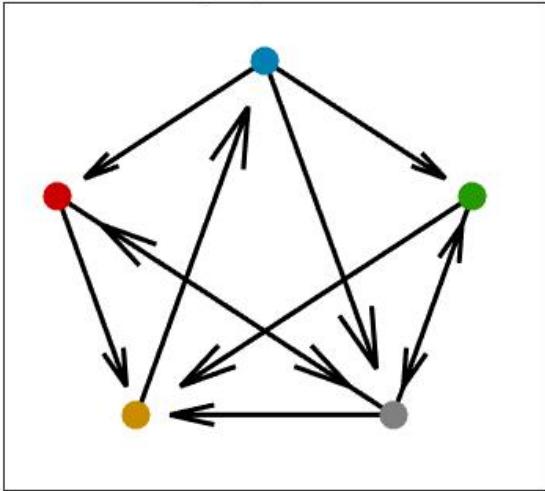


mEC 53

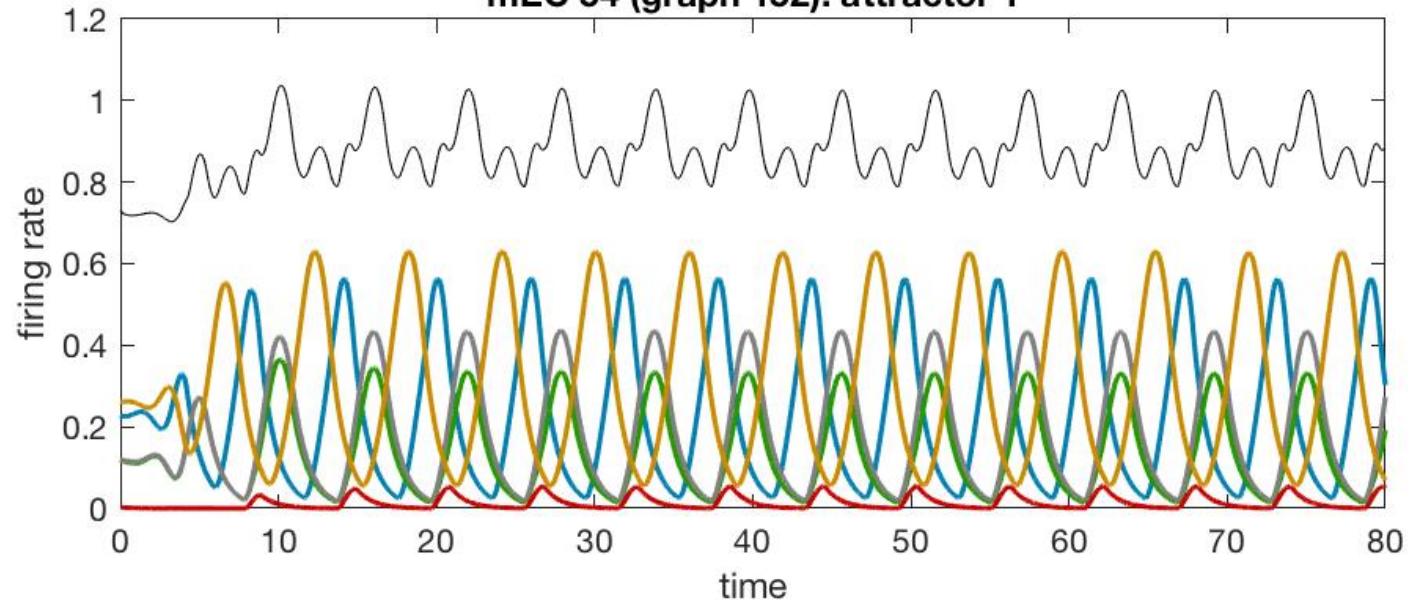


mEC 54

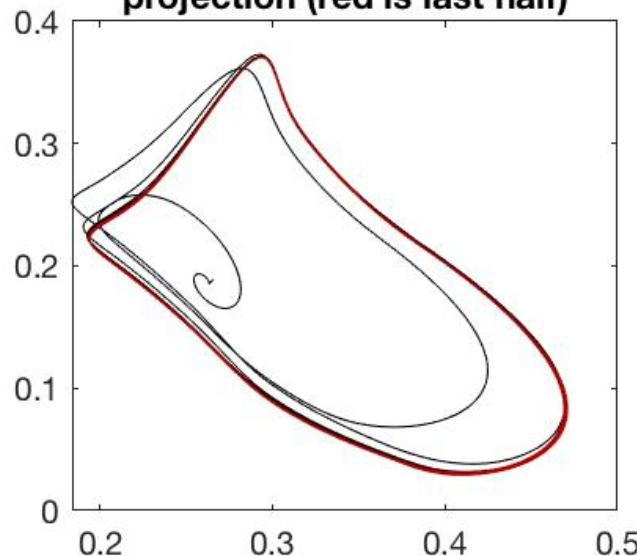
graph 152



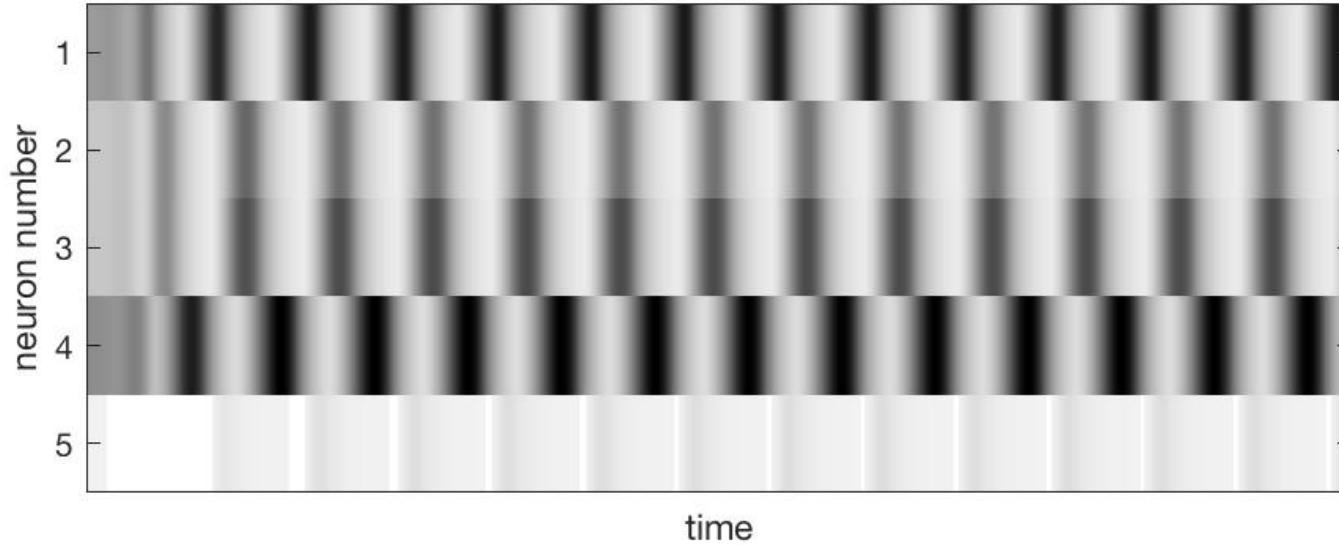
mEC 54 (graph 152): attractor 1



projection (red is last half)

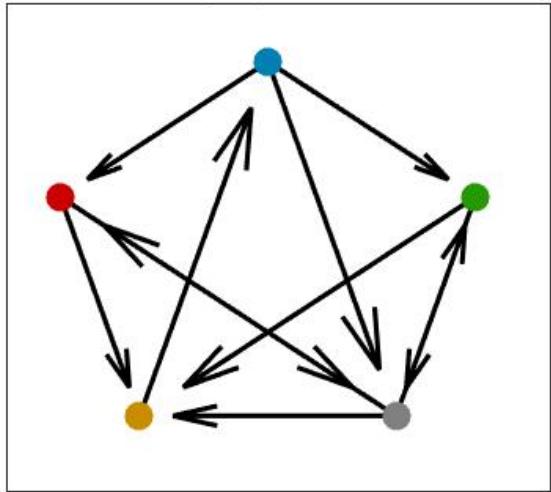


$X_0 = [0.2281 \quad 0.1188 \quad 0.1203 \quad 0.2626 \quad 0.0025]$

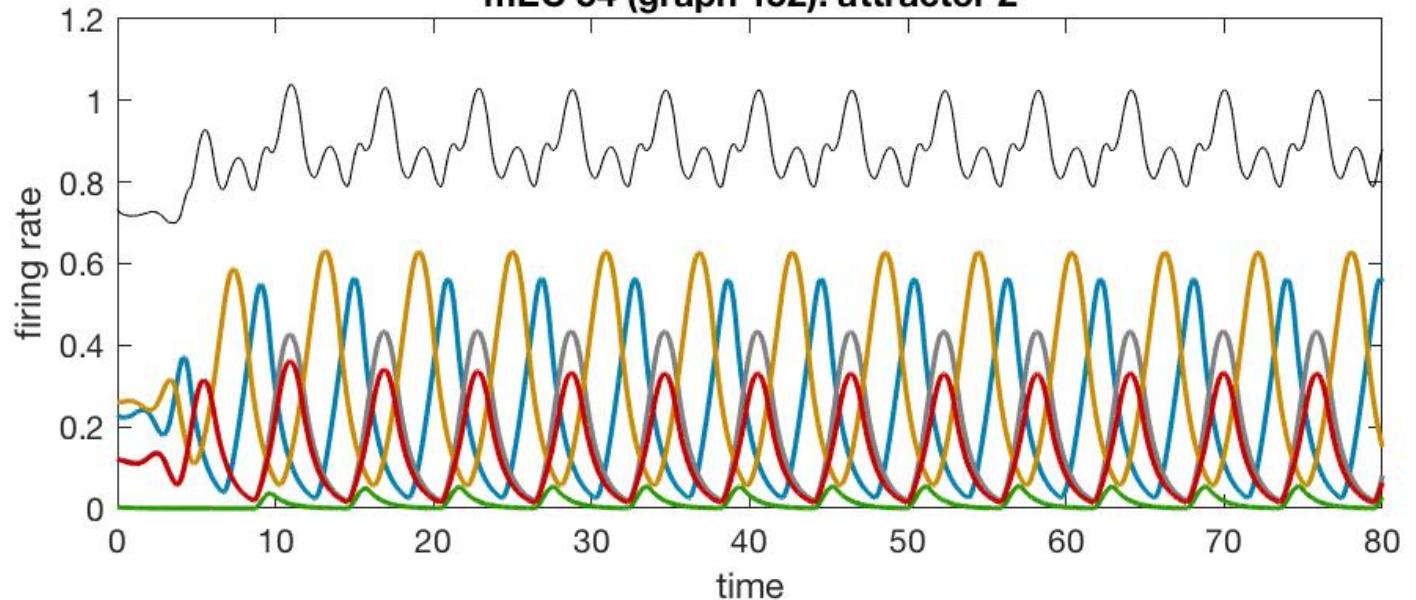


mEC 54

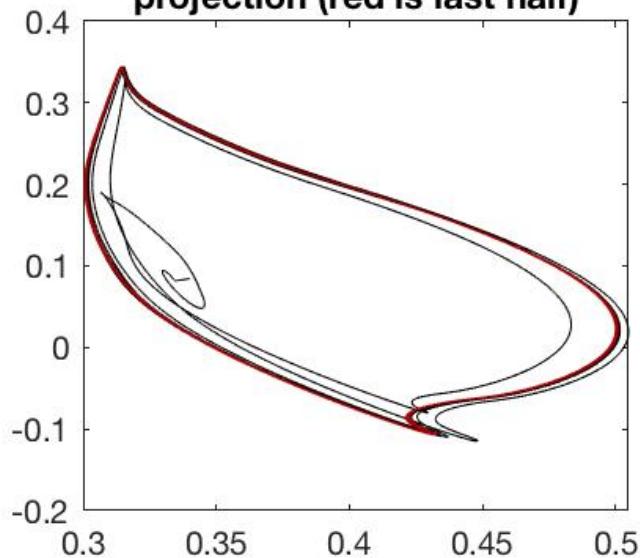
graph 152



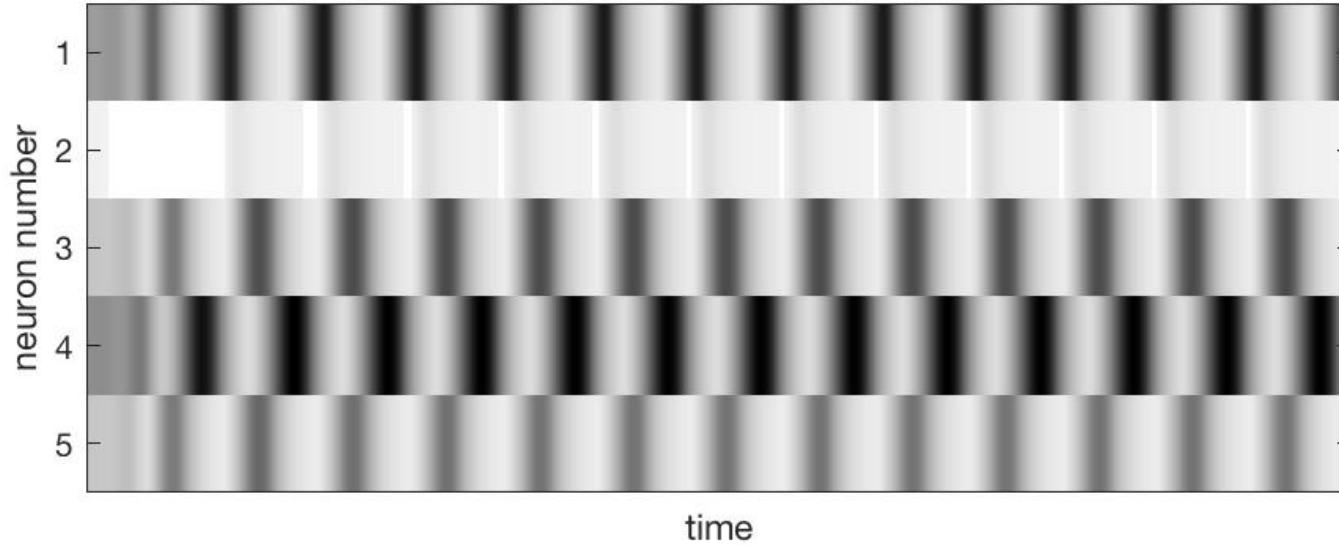
mEC 54 (graph 152): attractor 2



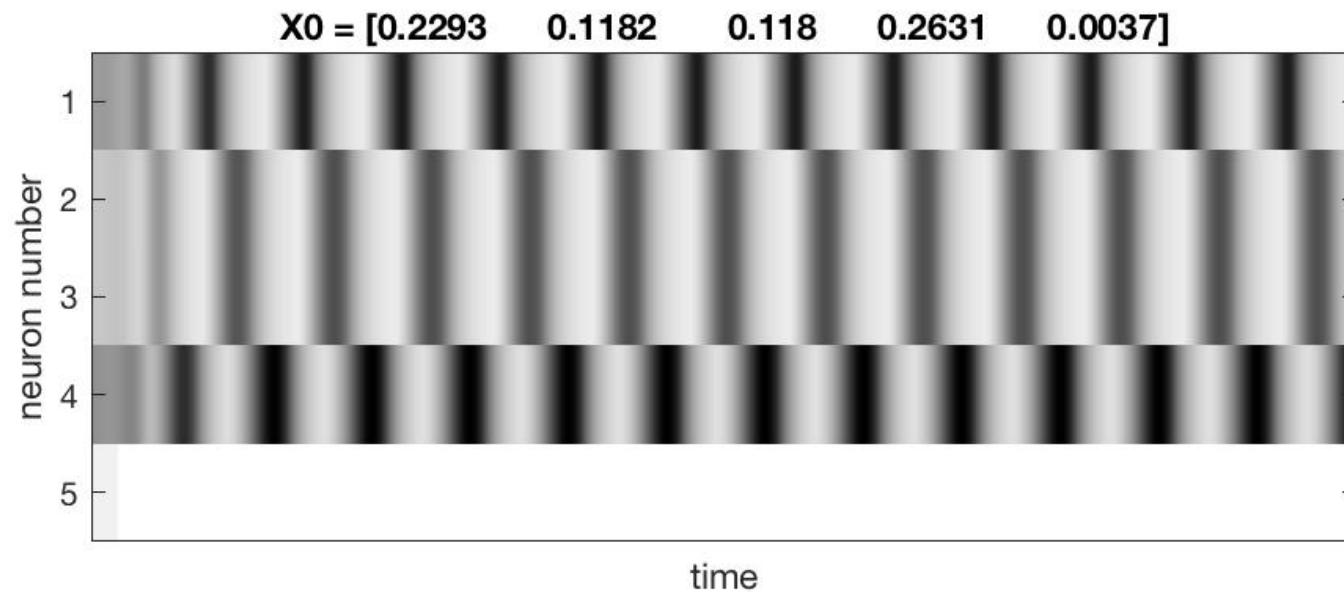
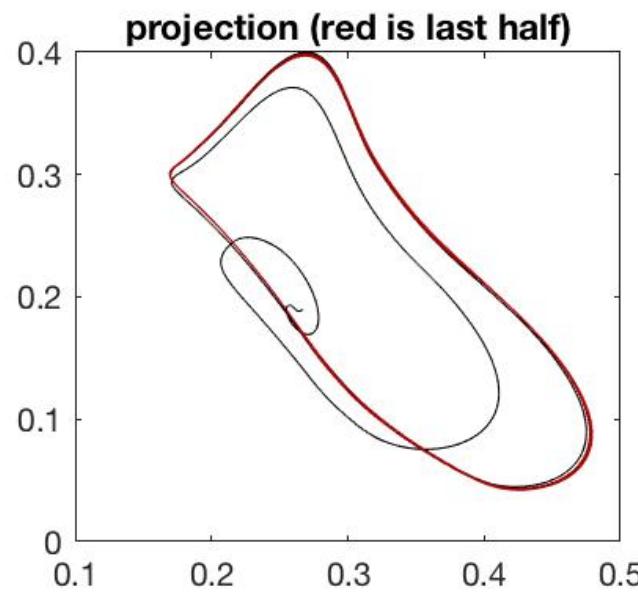
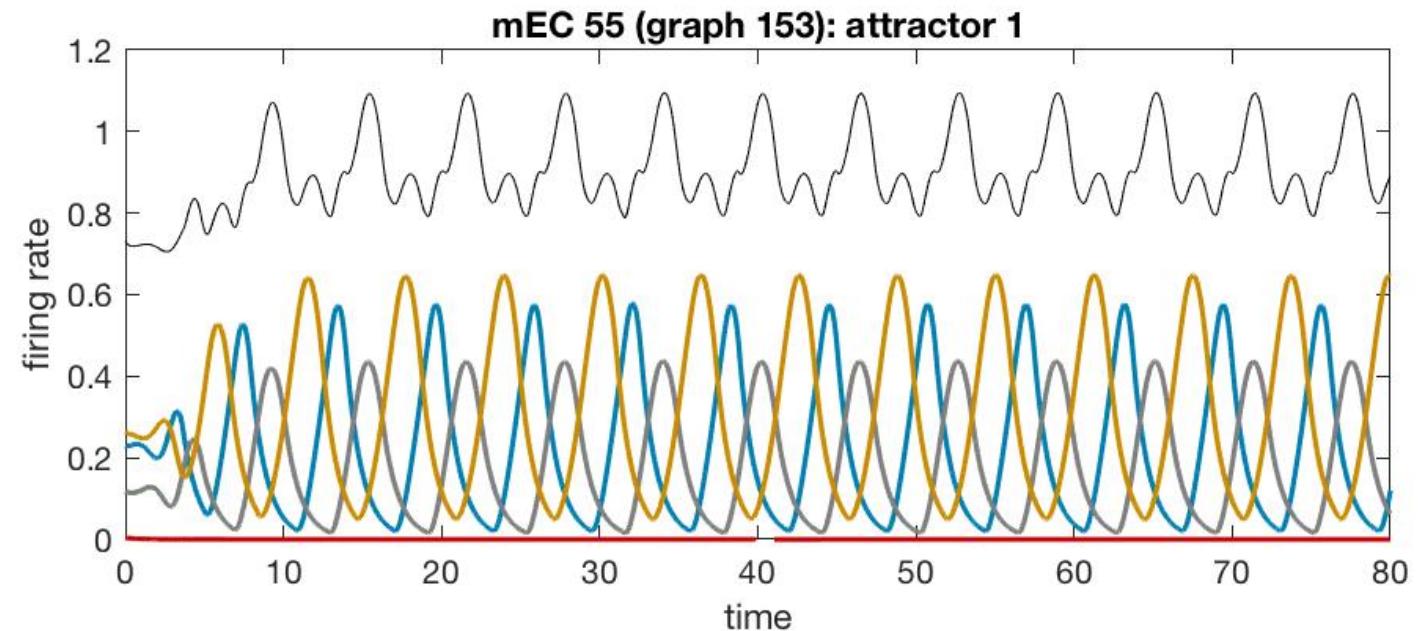
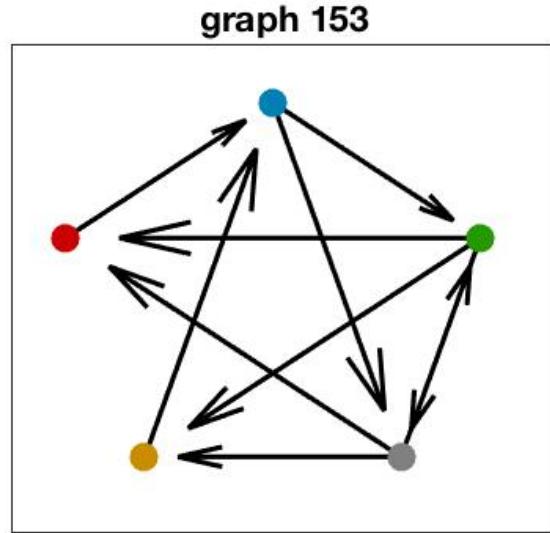
projection (red is last half)



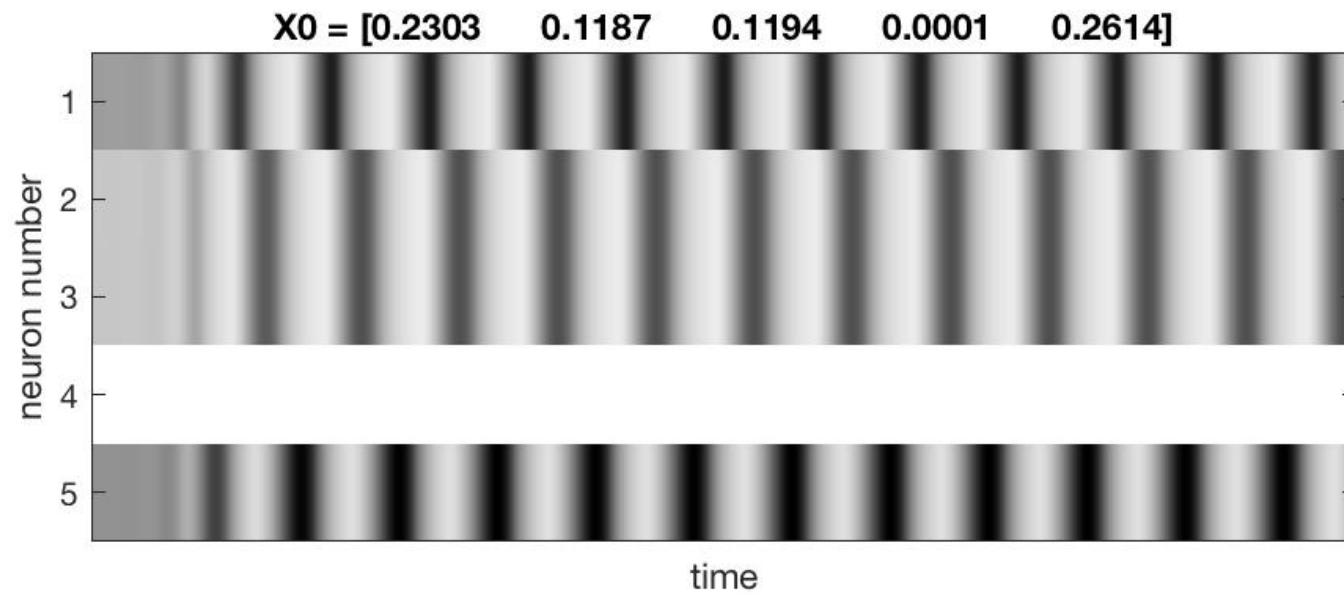
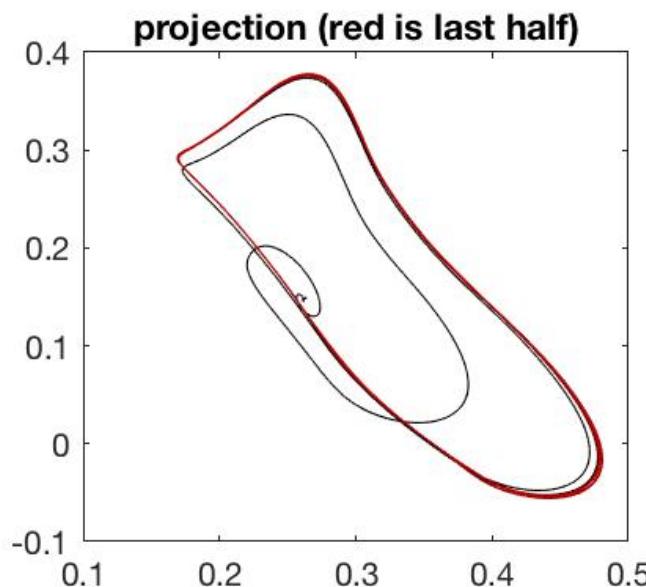
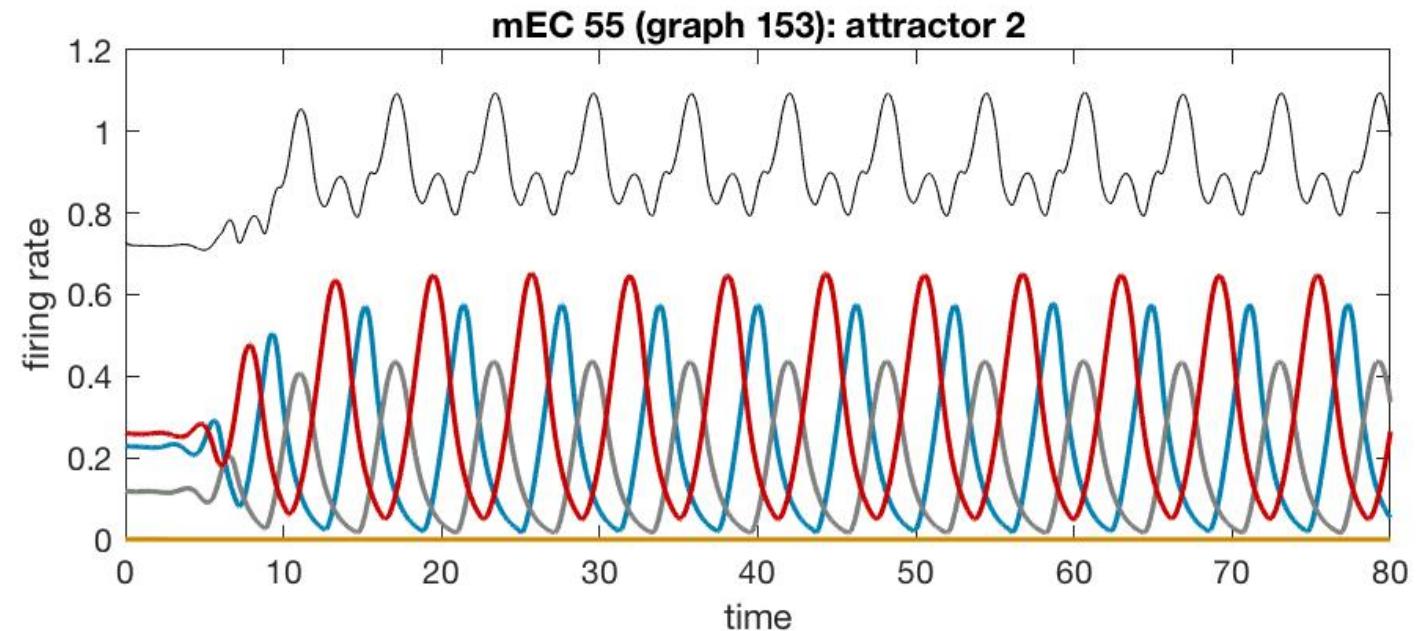
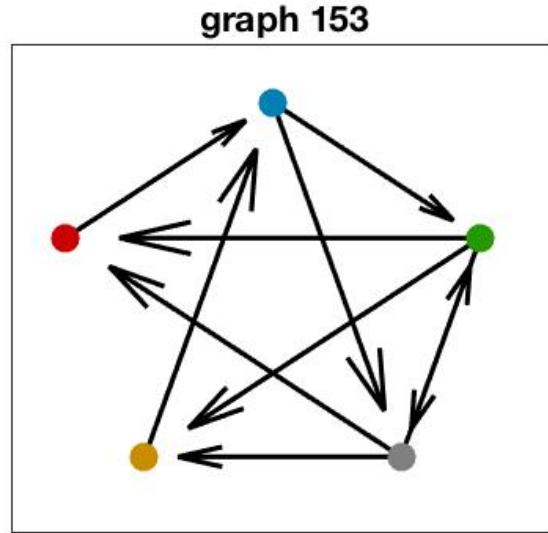
$X_0 = [0.2285 \quad 0.0028 \quad 0.121 \quad 0.2612 \quad 0.121]$



mEC 55

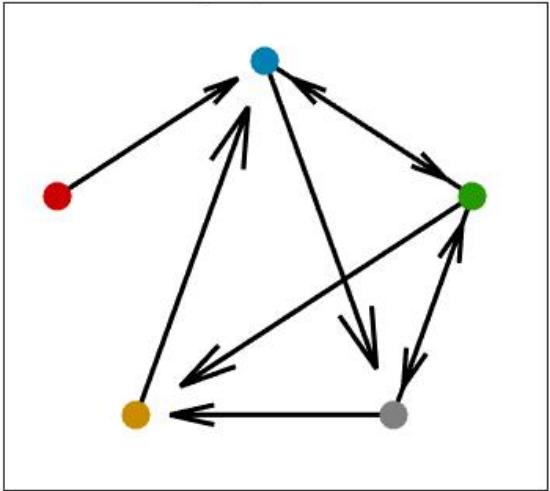


mEC 55

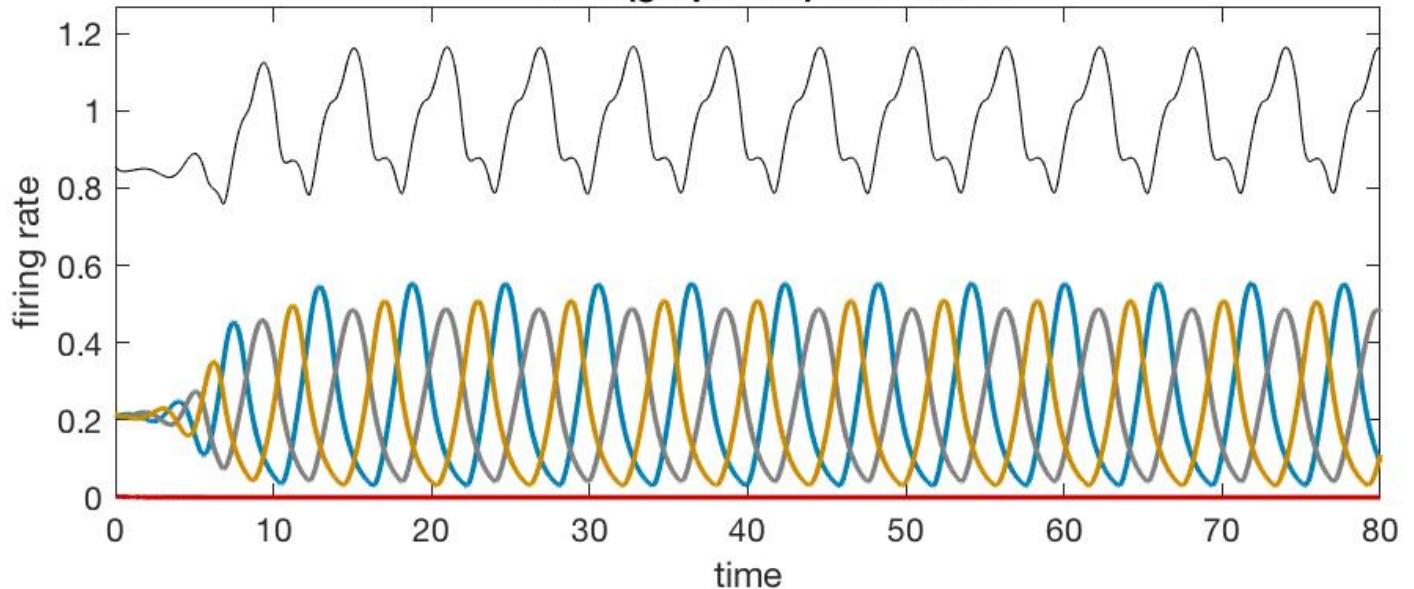


mEC 56

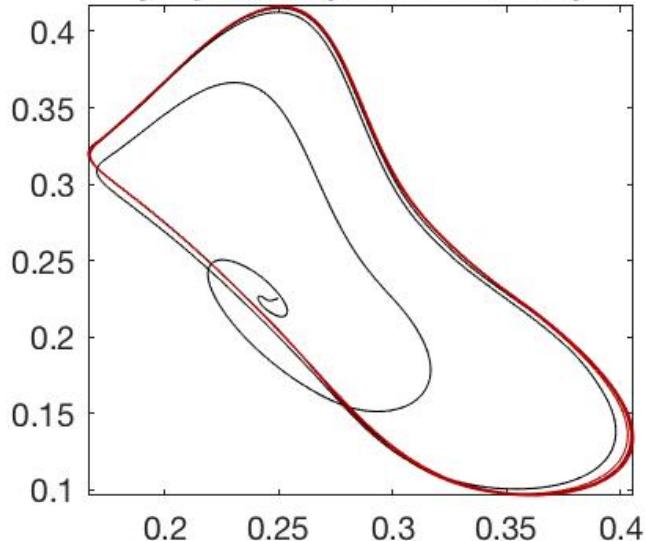
graph 154



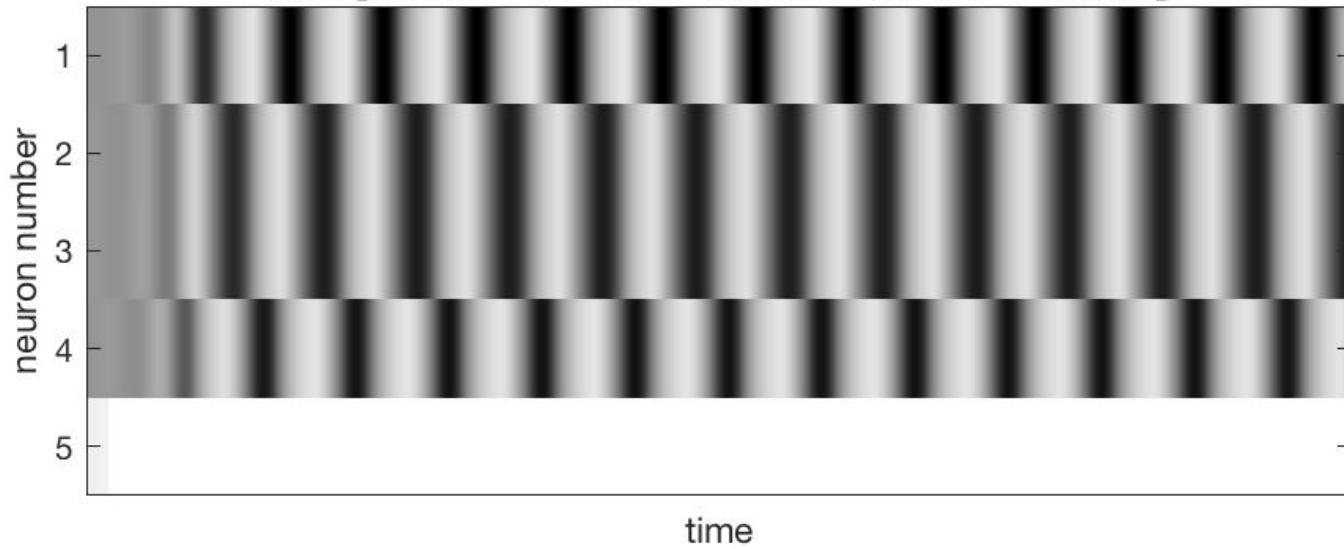
mEC 56 (graph 154): attractor 1



projection (red is last half)

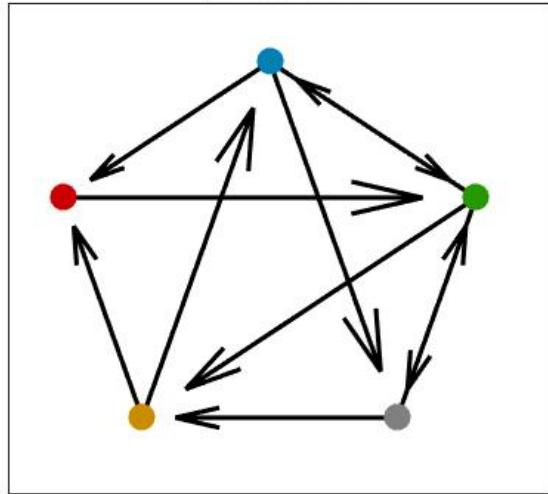


X0 = [0.2132 0.2134 0.2121 0.2151 0.0025]

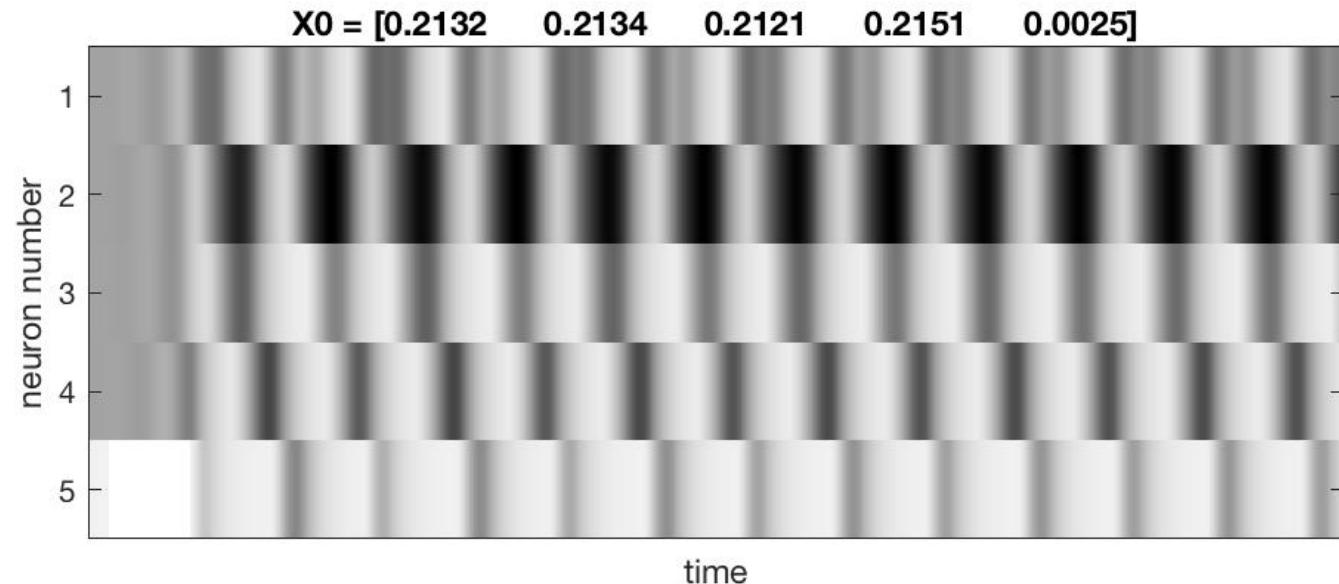
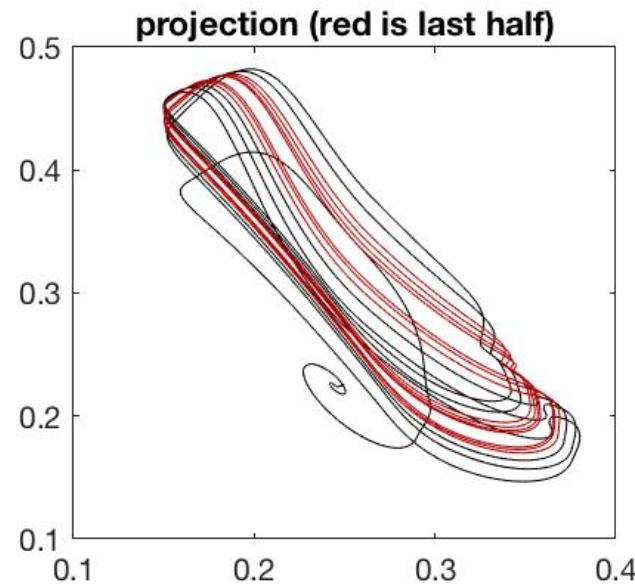
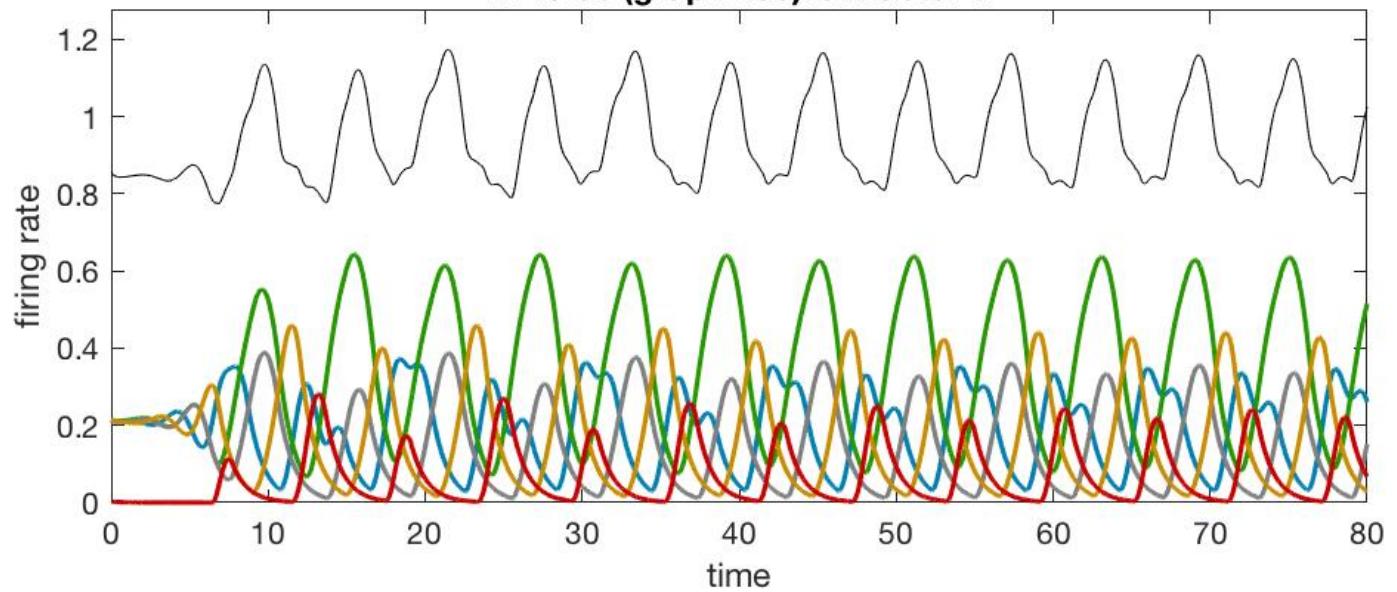


mEC 56

graph 183

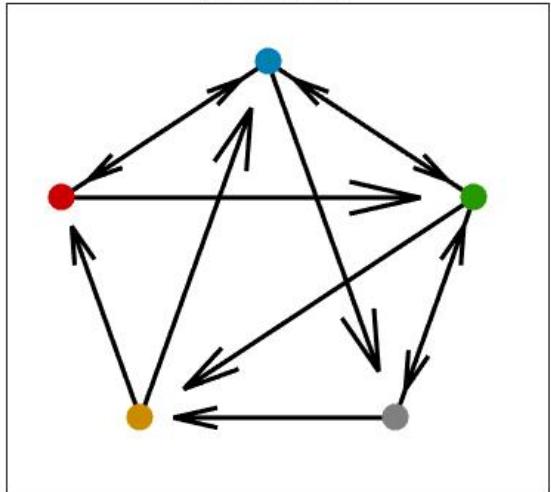


mEC 56 (graph 183): attractor 1

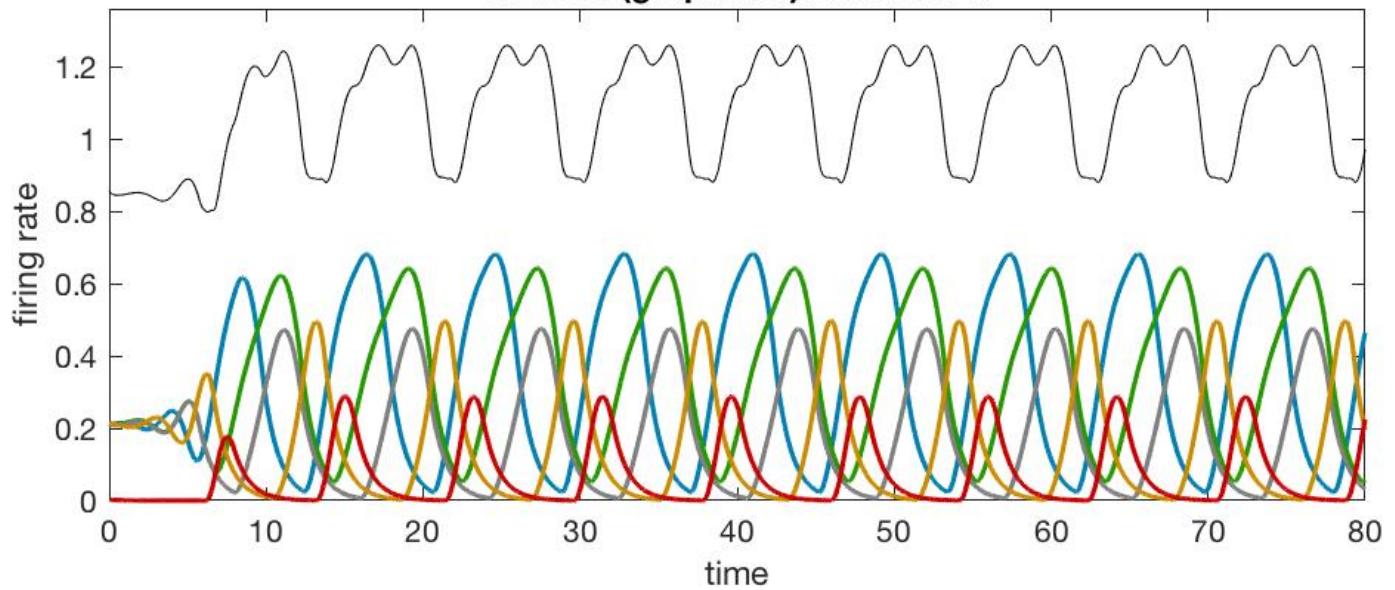


mEC 56

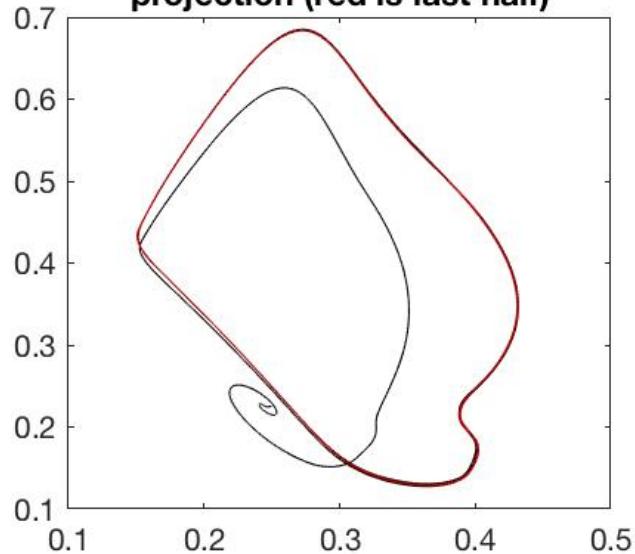
graph 217



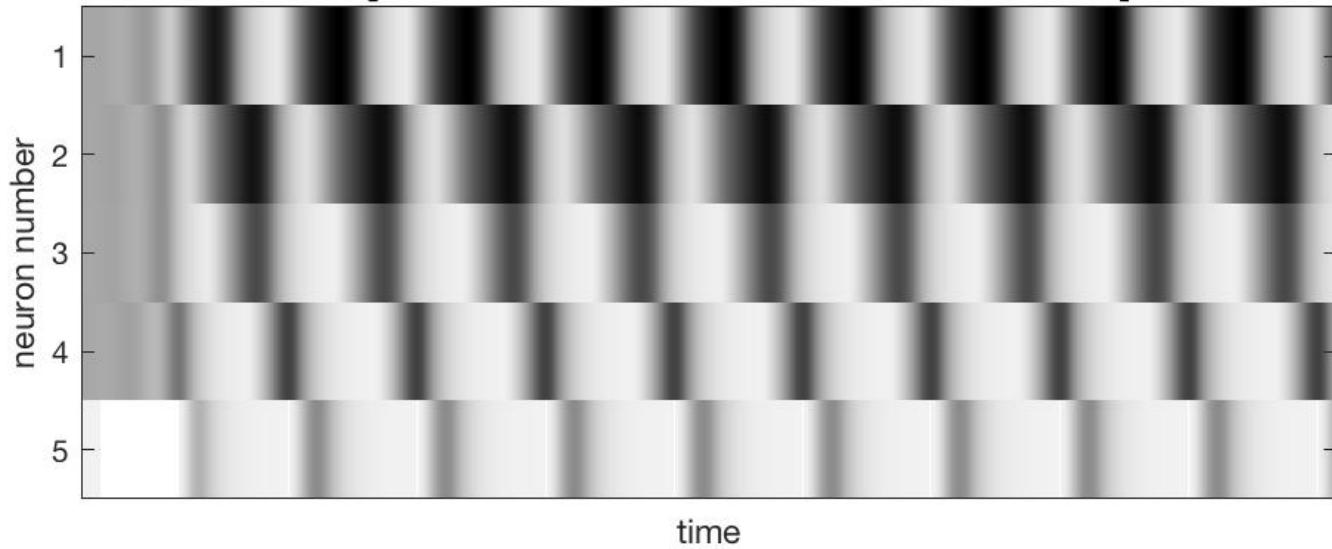
mEC 56 (graph 217): attractor 1



projection (red is last half)

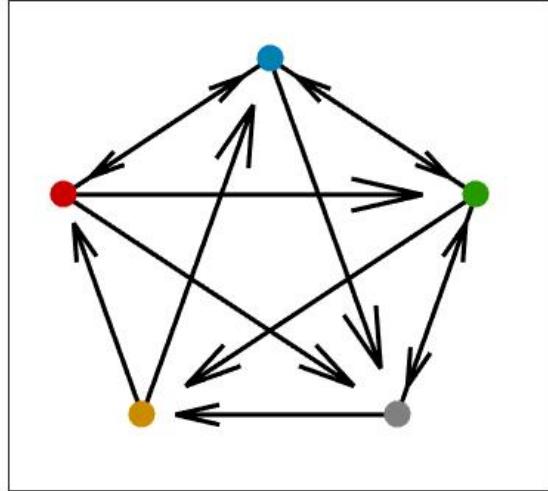


X0 = [0.2132 0.2134 0.2121 0.2151 0.0025]

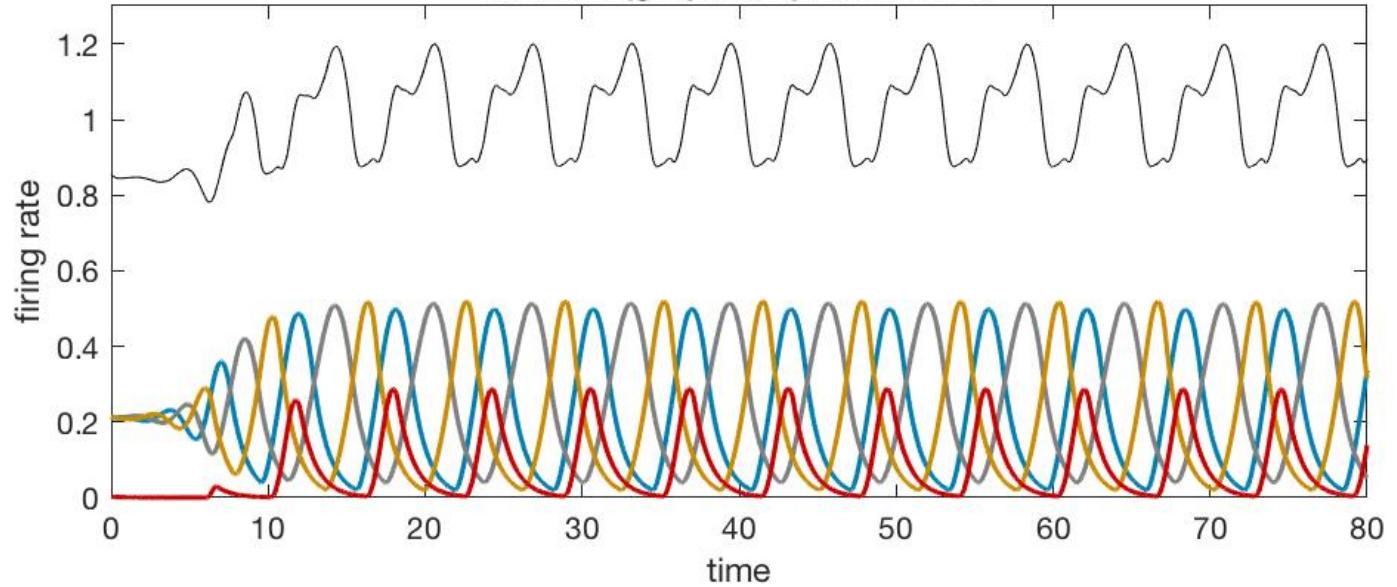


mEC 56

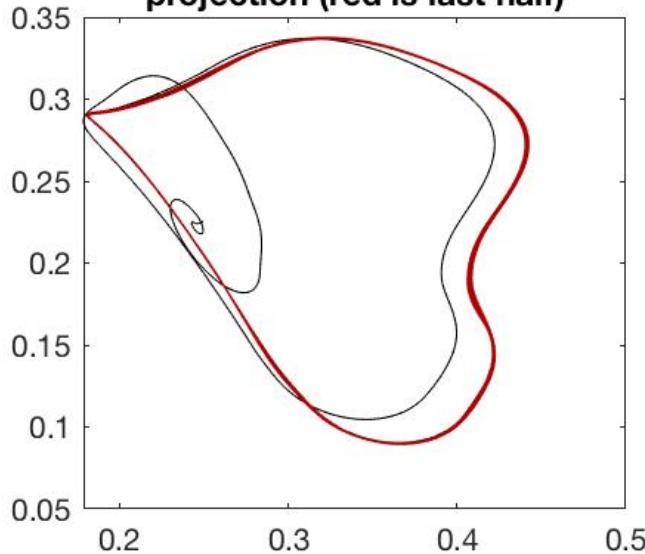
graph 250



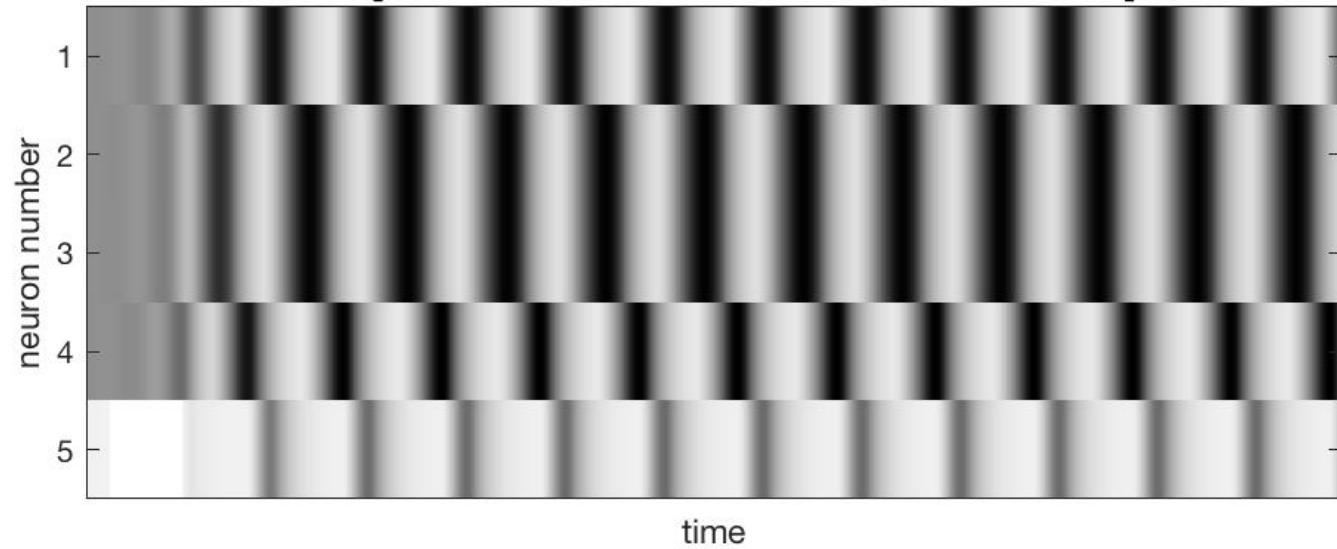
mEC 56 (graph 250): attractor 1



projection (red is last half)

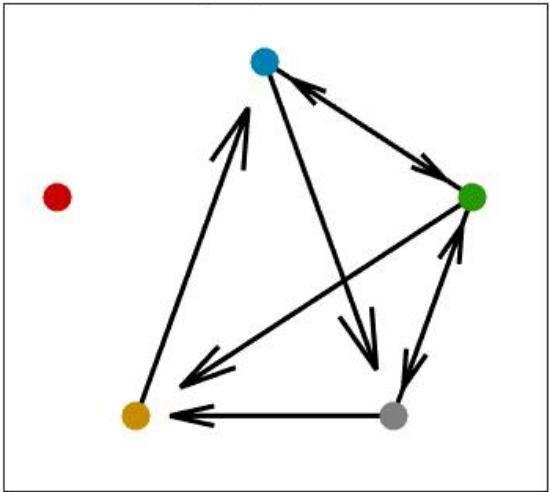


X0 = [0.2132 0.2134 0.2121 0.2151 0.0025]

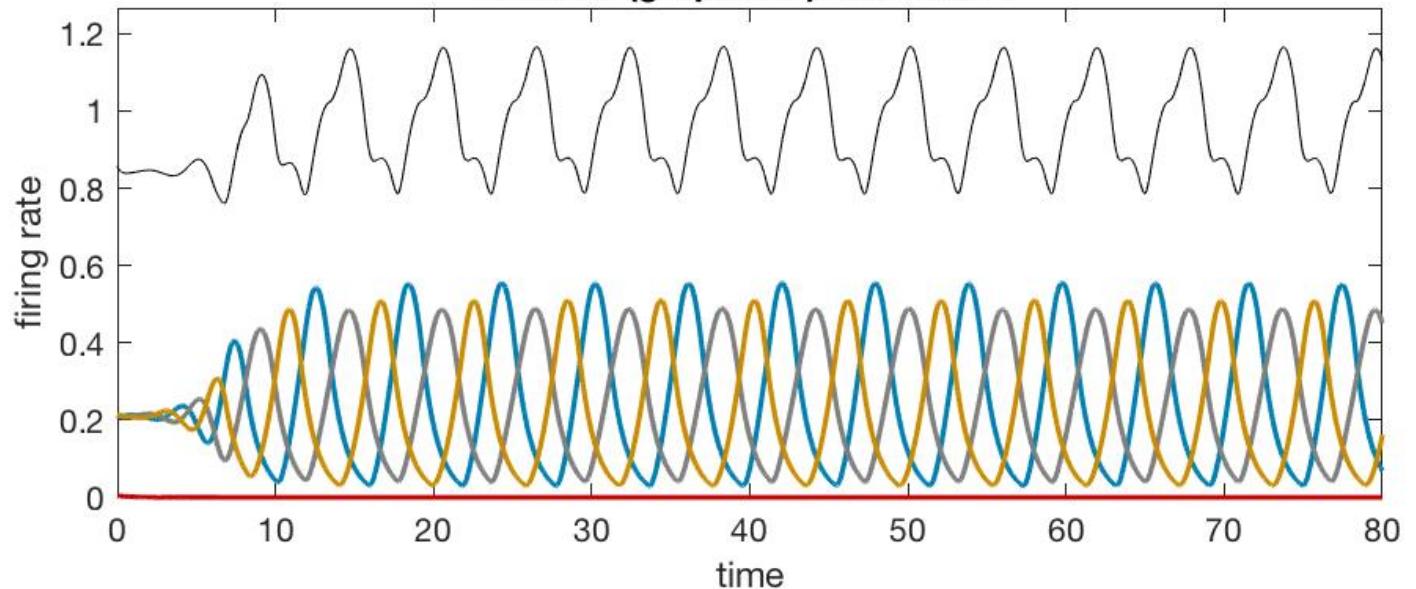


mEC 57

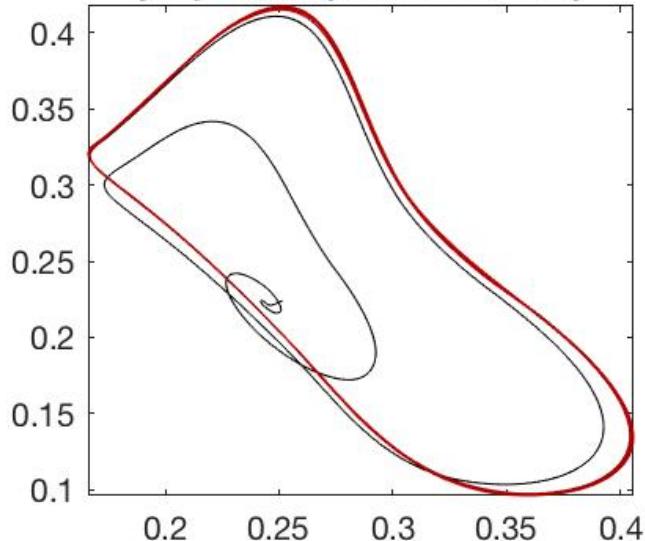
graph 261



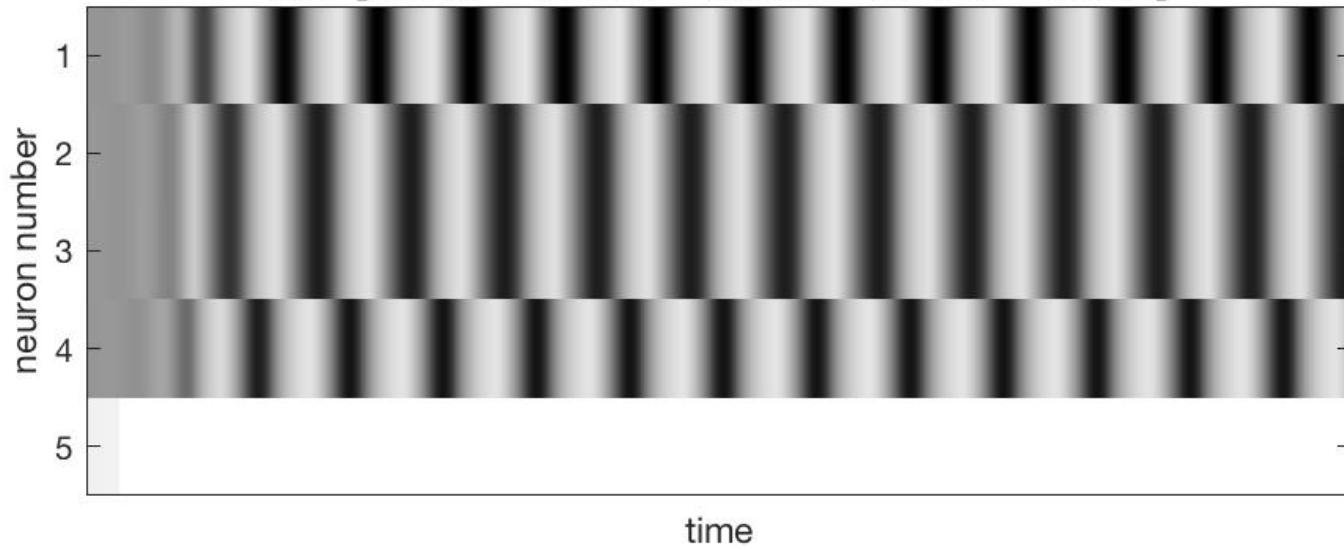
mEC 57 (graph 261): attractor 1



projection (red is last half)

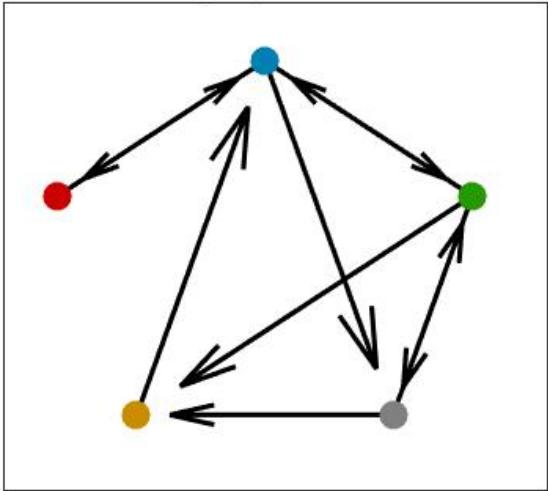


$X_0 = [0.2139 \quad 0.2113 \quad 0.2122 \quad 0.2155 \quad 0.0044]$

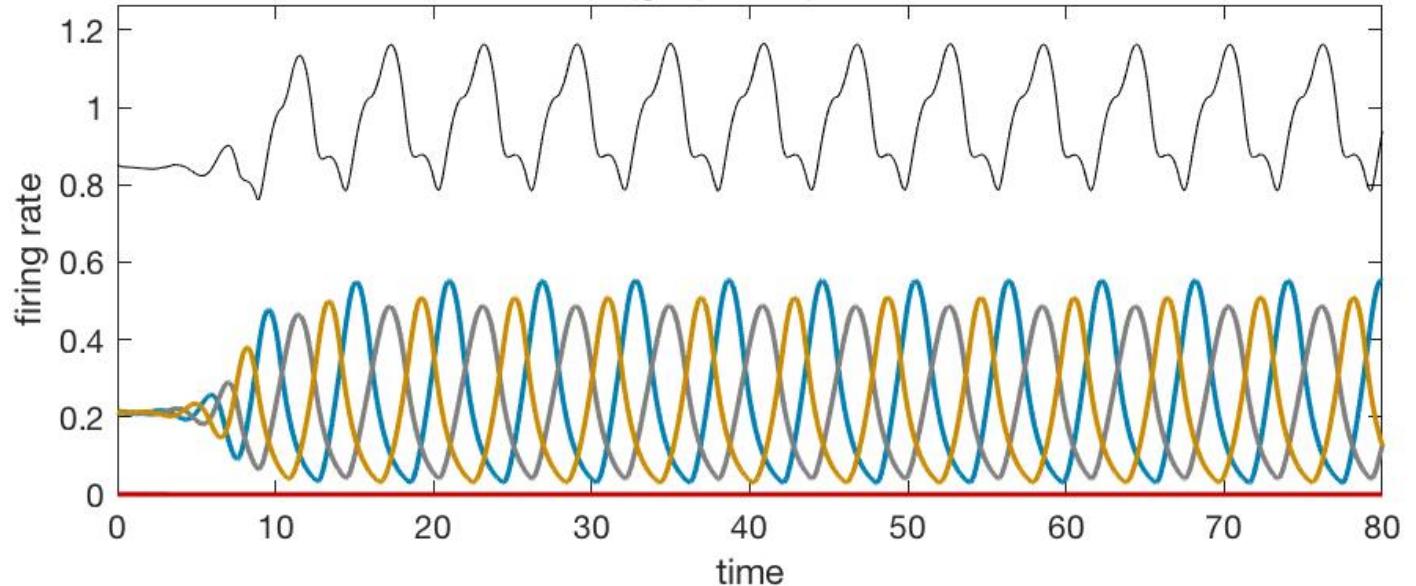


mEC 58

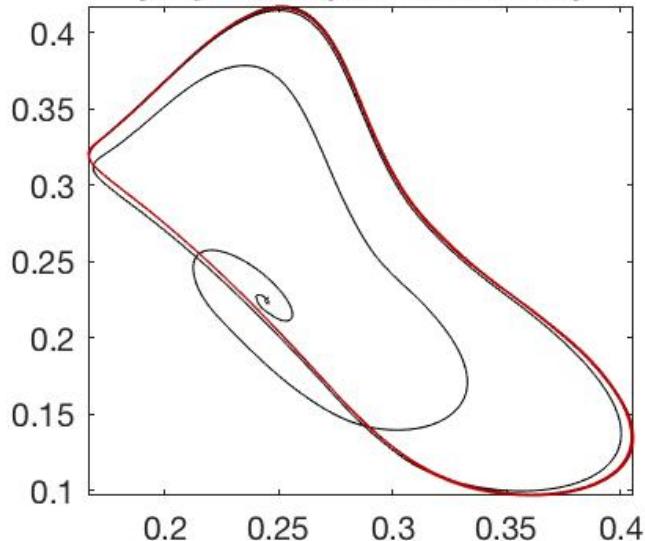
graph 272



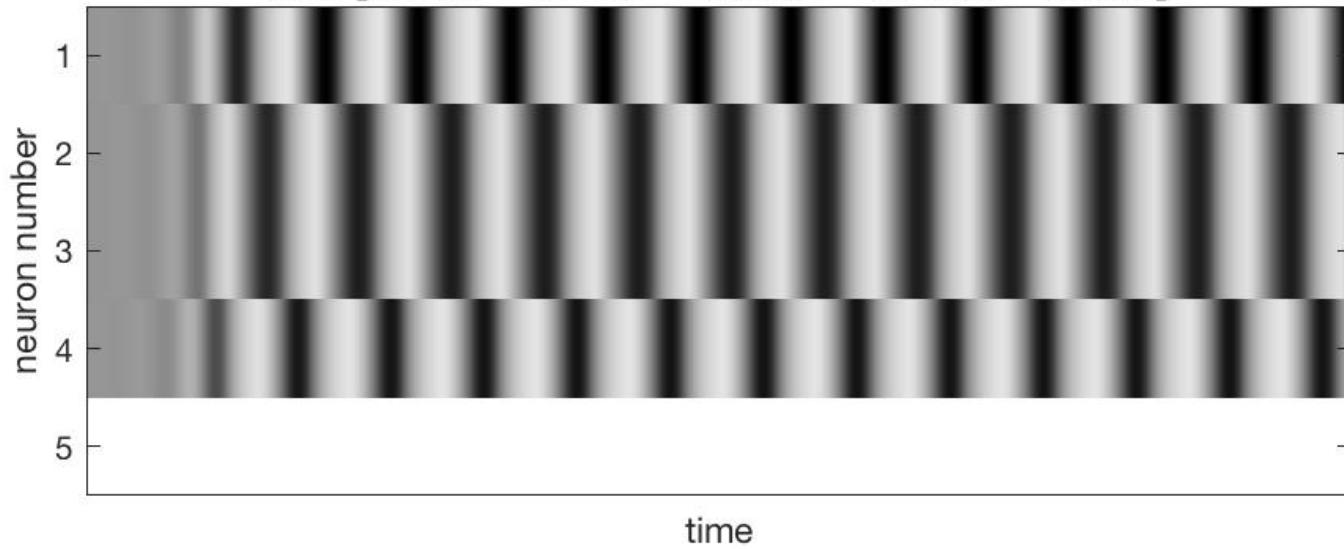
mEC 58 (graph 272): attractor 1



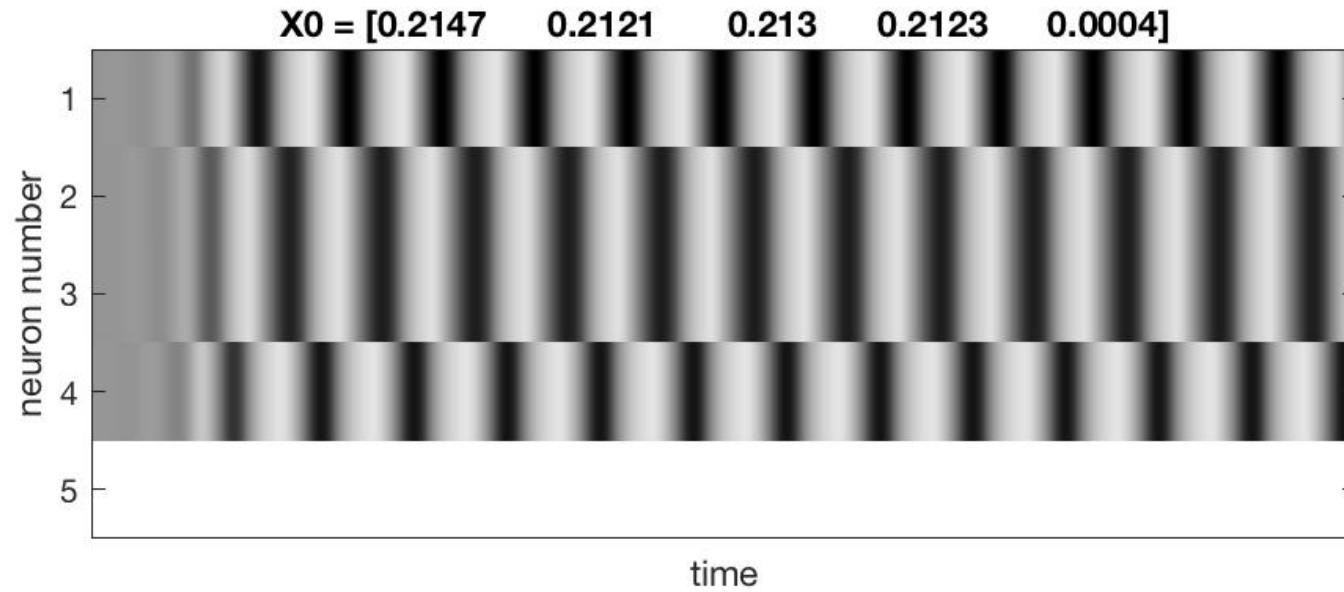
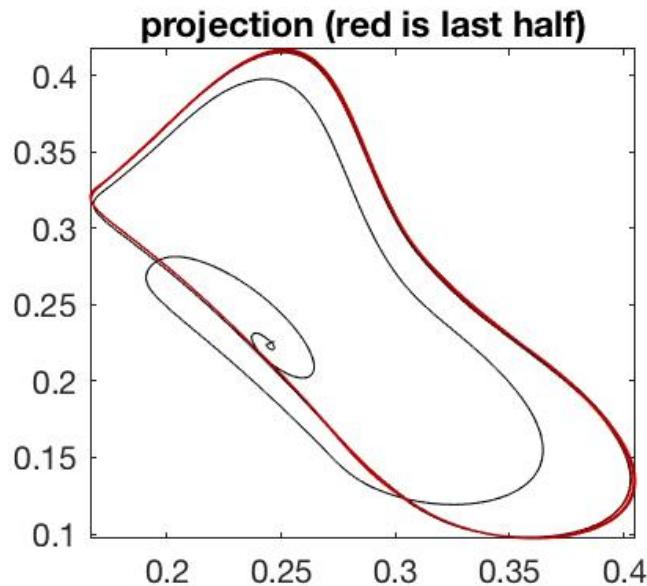
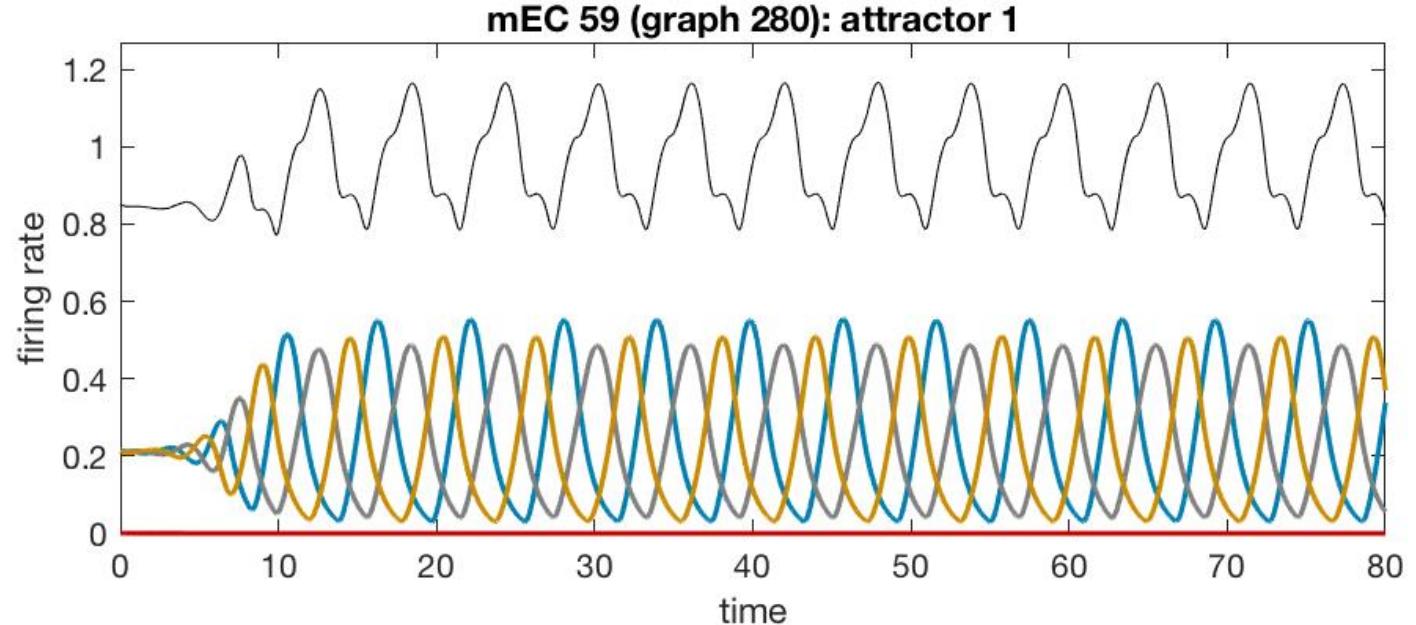
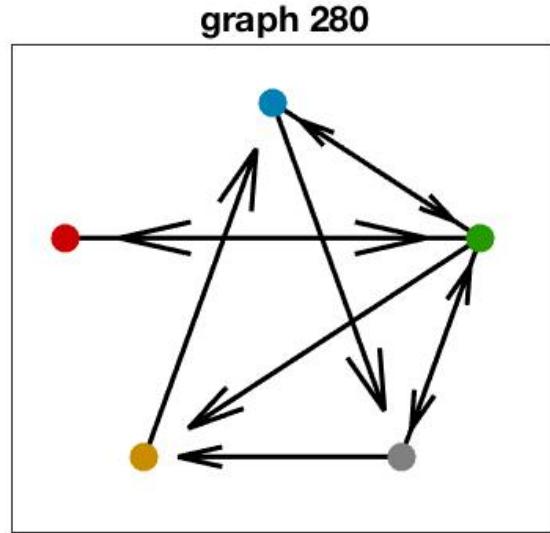
projection (red is last half)



$X_0 = [0.2128 \quad 0.2149 \quad 0.2132 \quad 0.2113 \quad 0.0002]$

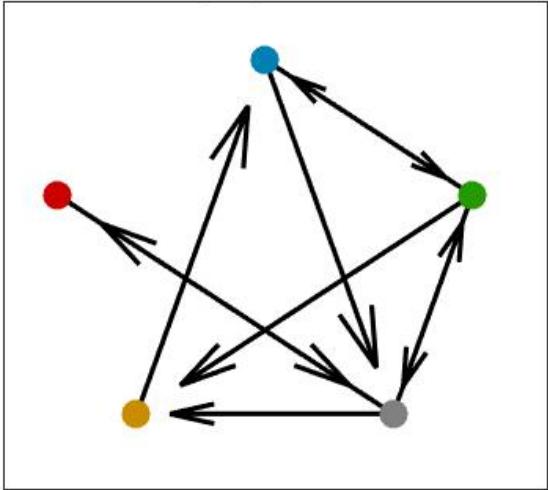


mEC 59

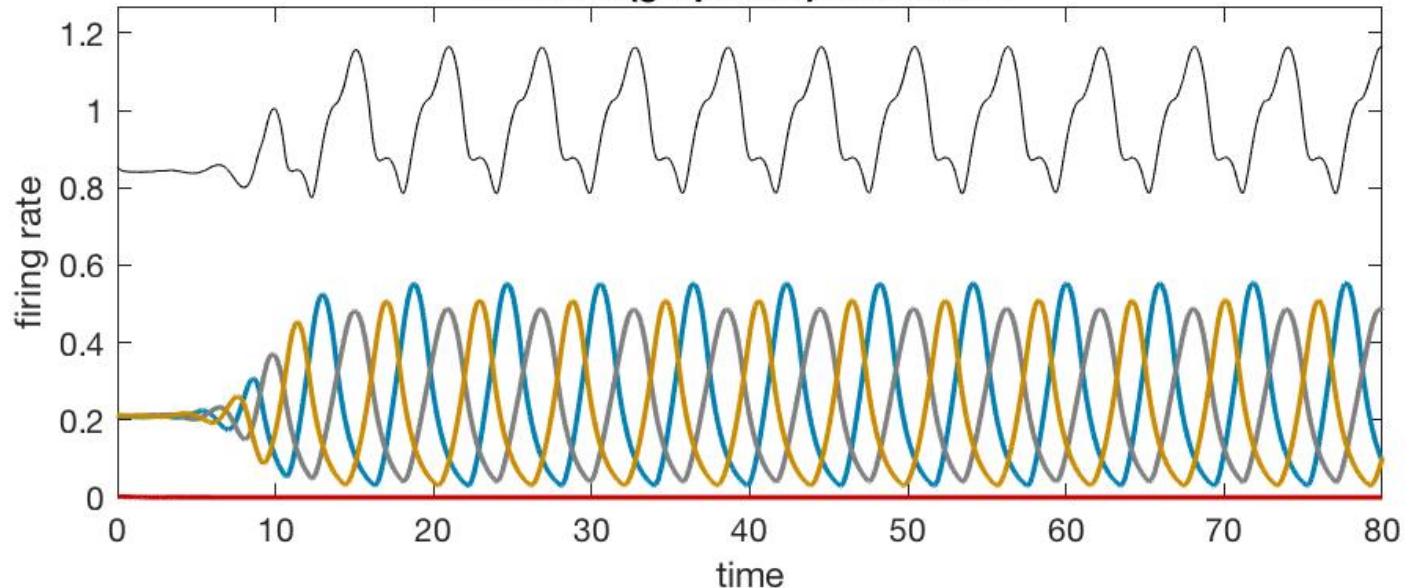


mEC 60

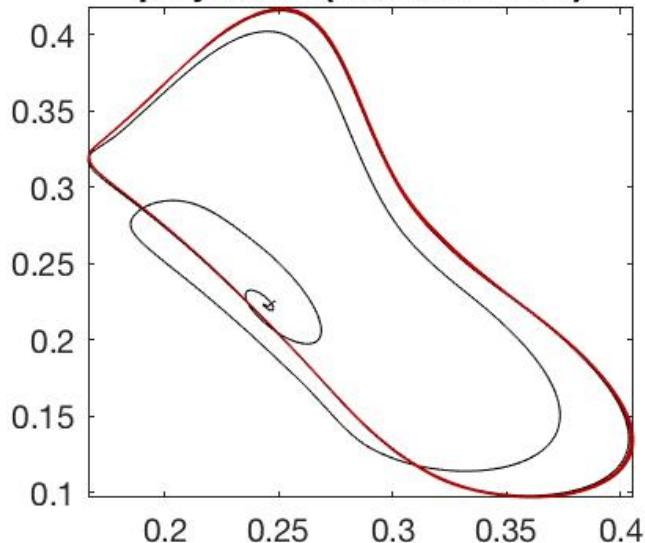
graph 284



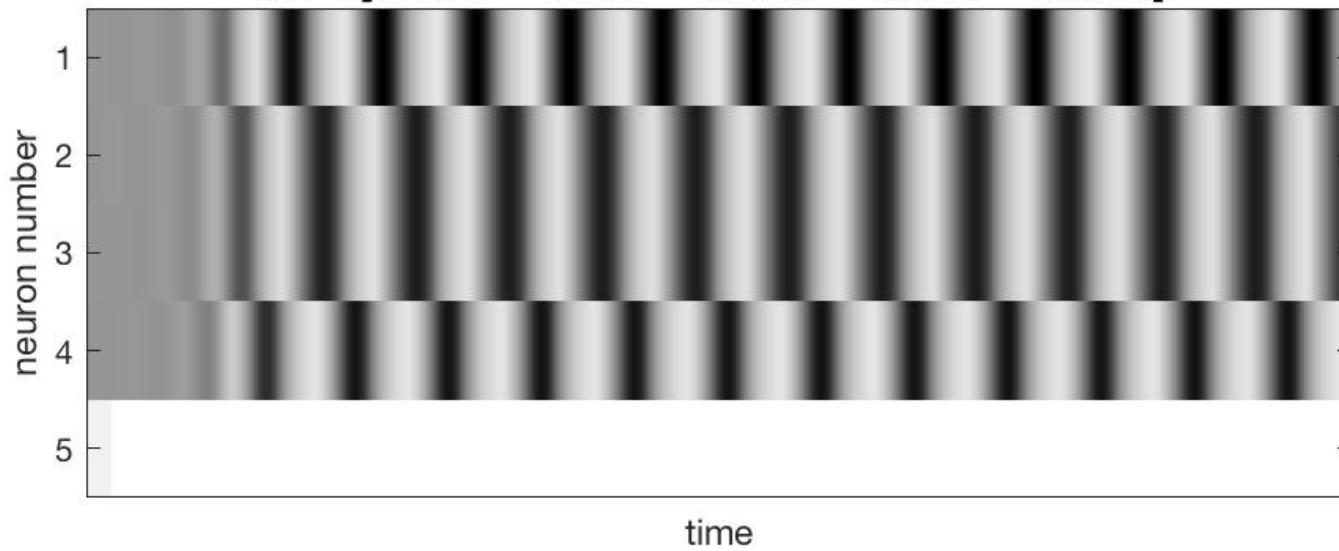
mEC 60 (graph 284): attractor 1



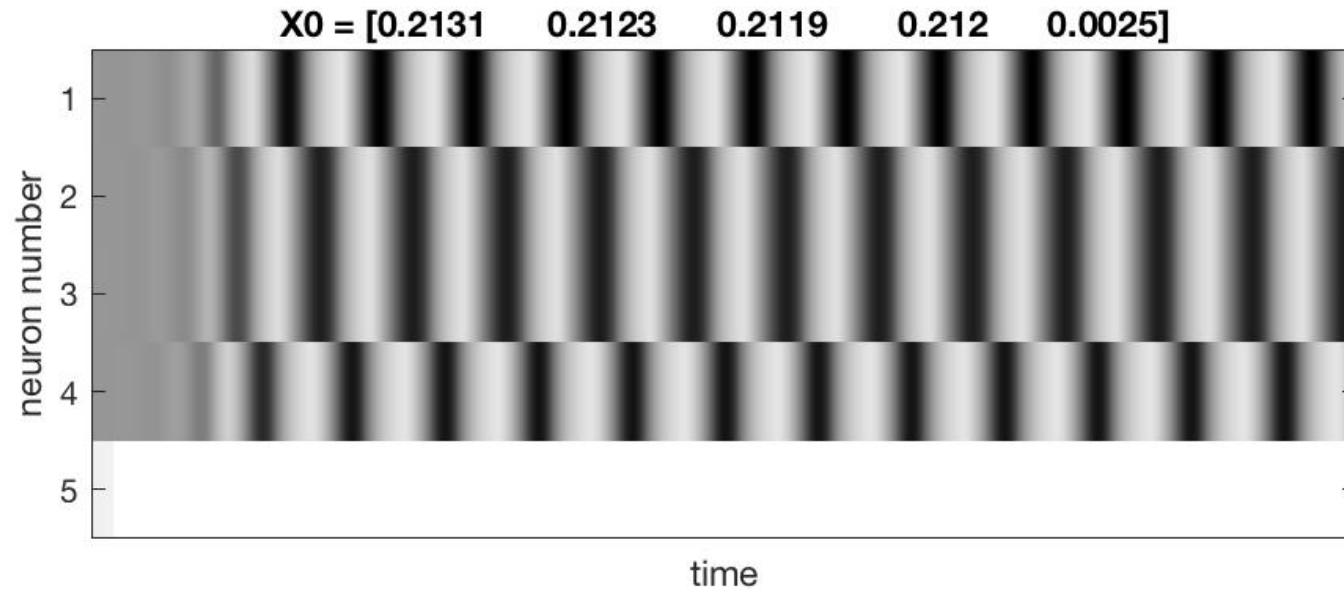
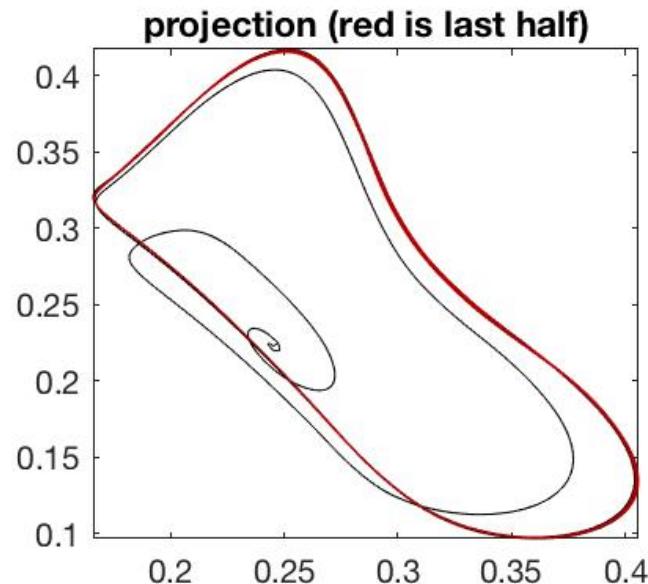
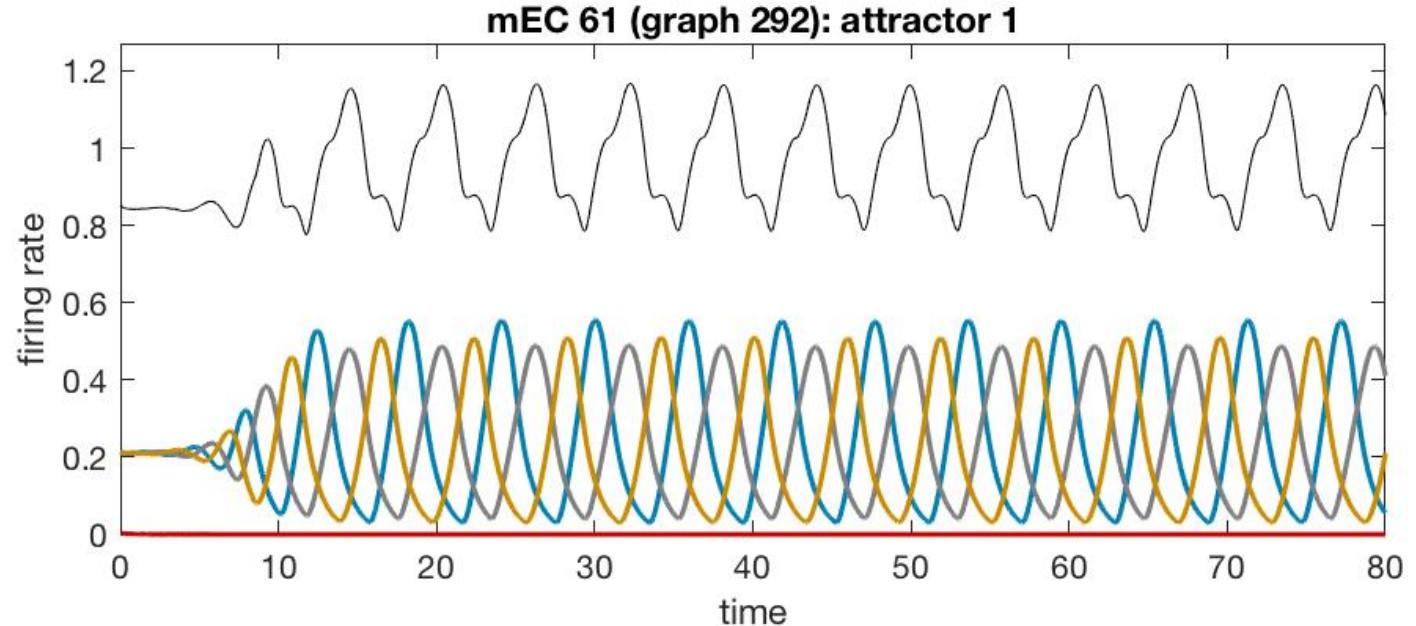
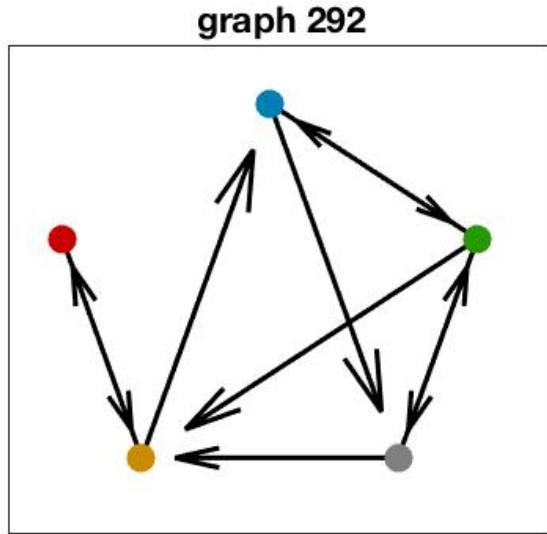
projection (red is last half)



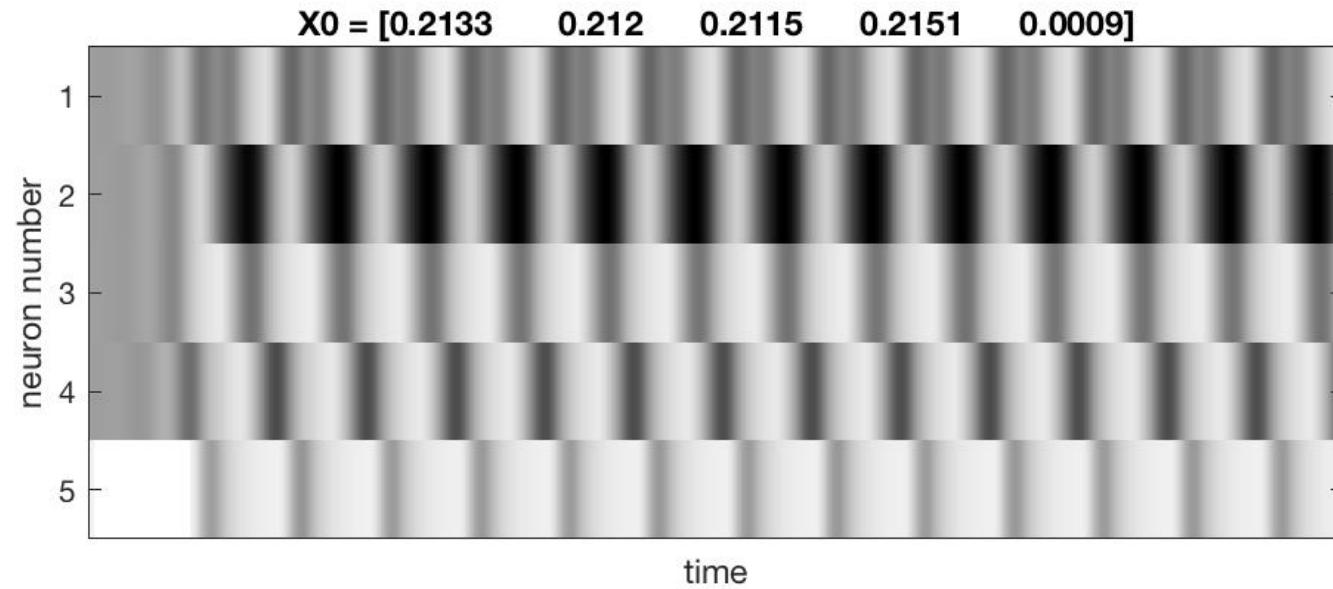
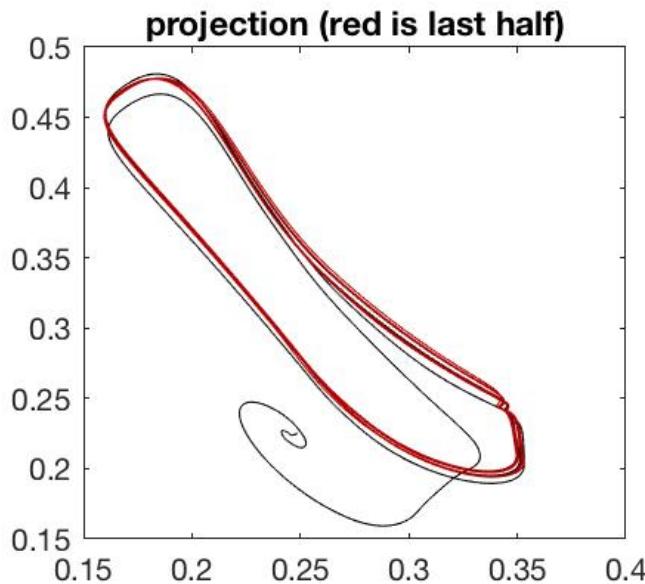
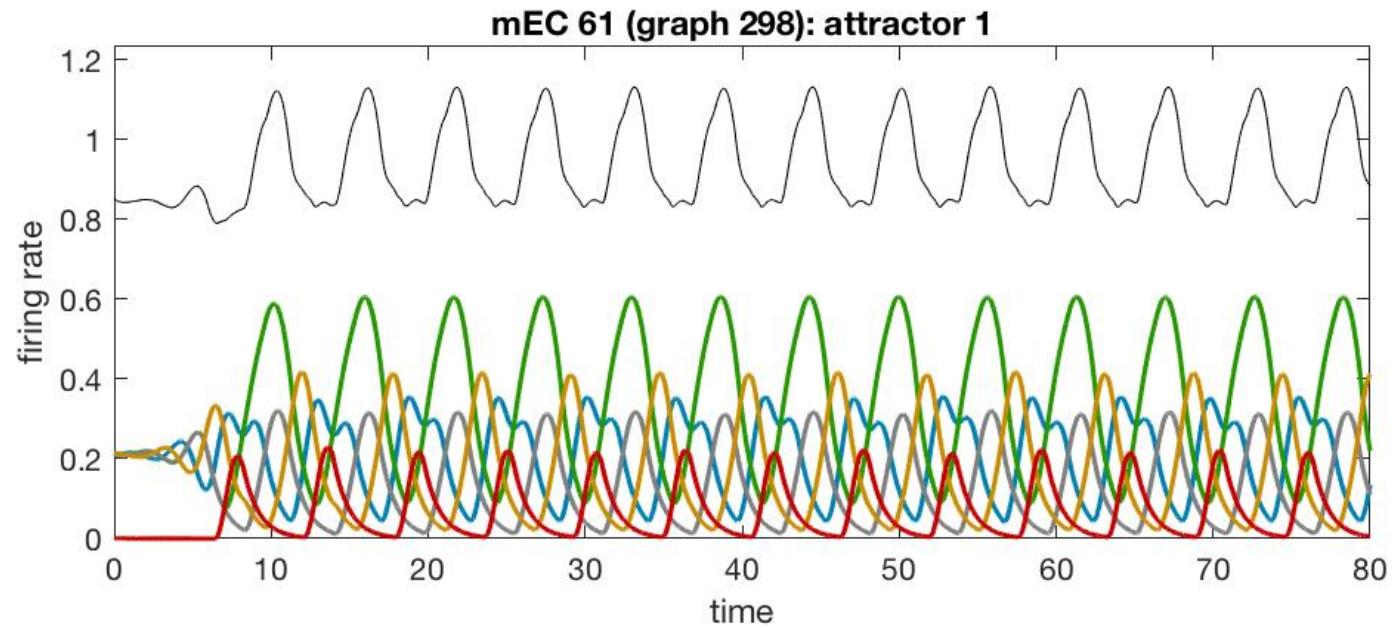
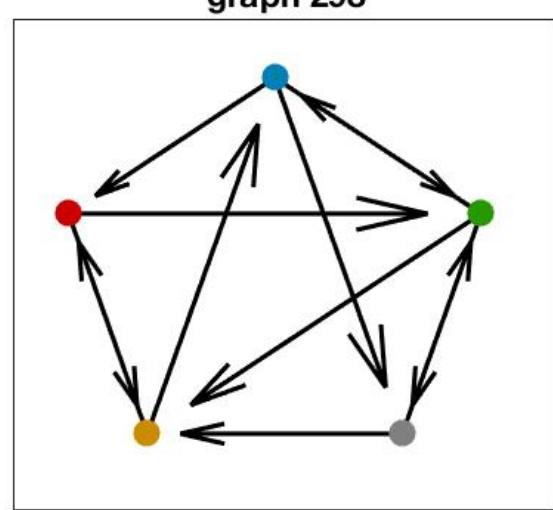
X0 = [0.2114 0.215 0.2116 0.2138 0.0029]



mEC 61

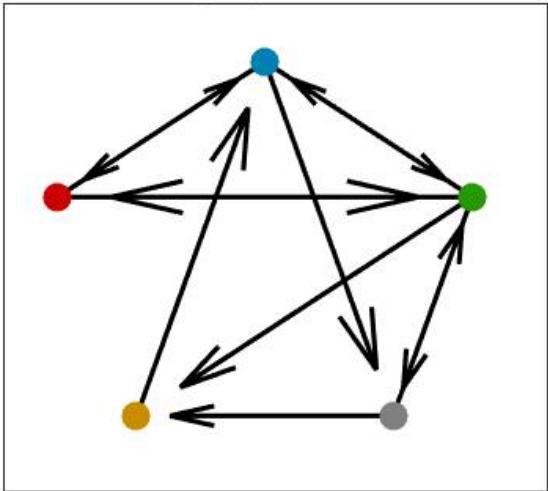


mEC 61

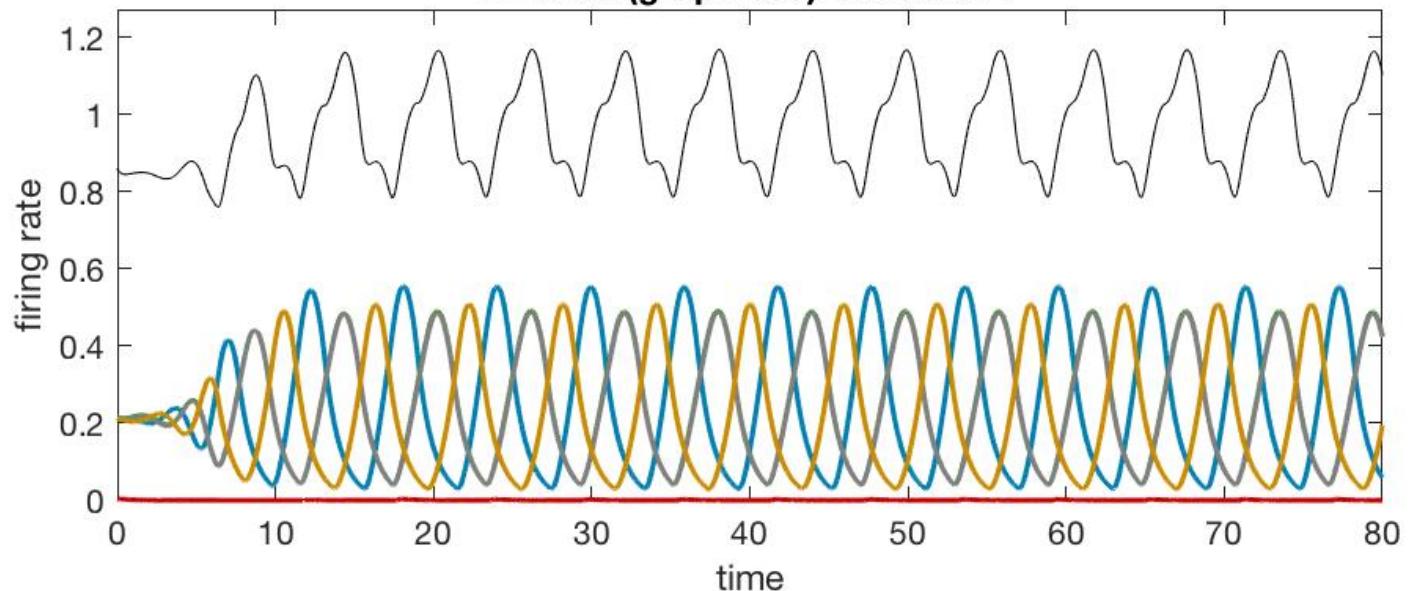


mEC 62

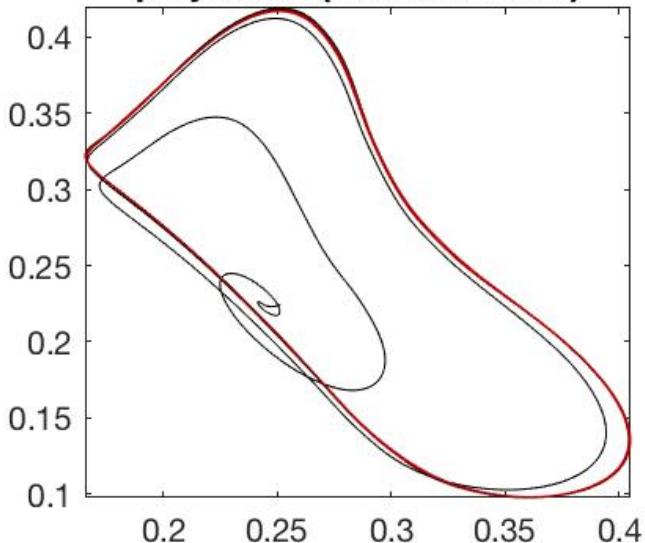
graph 308



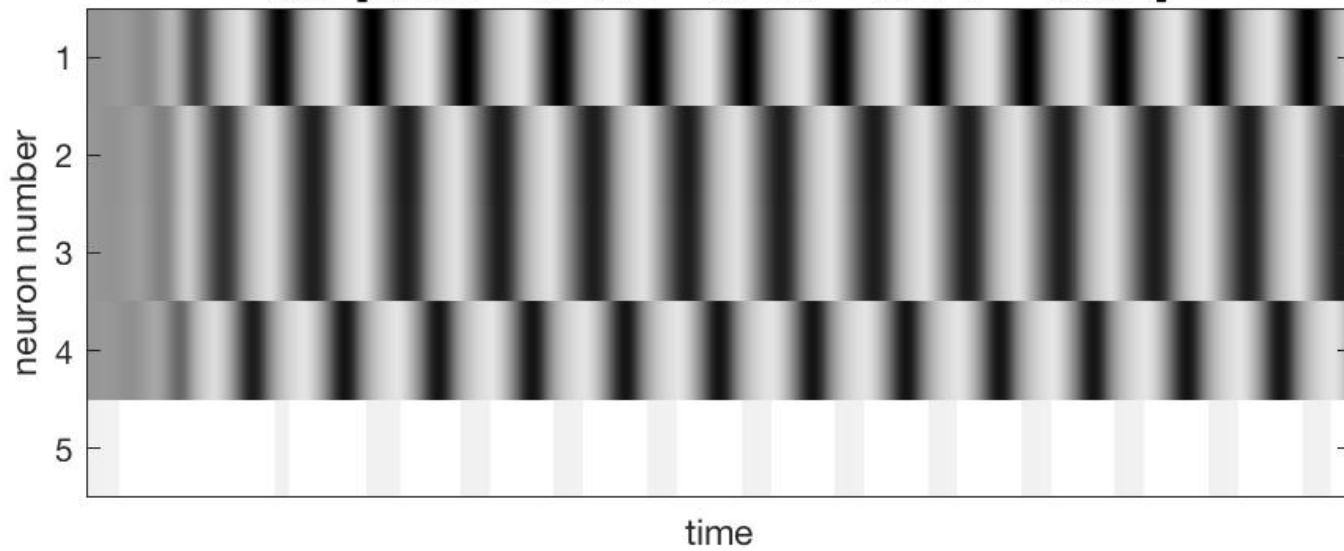
mEC 62 (graph 308): attractor 1



projection (red is last half)

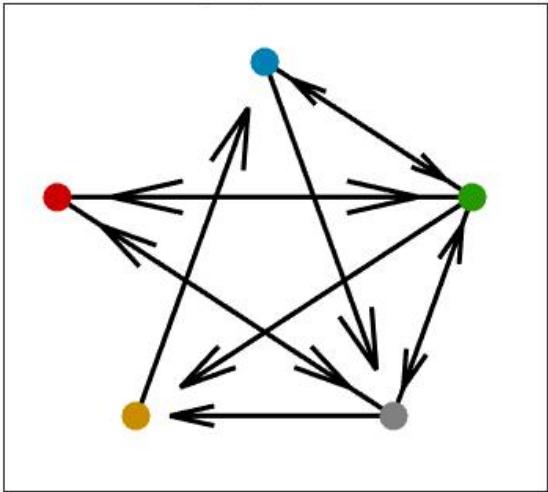


$X_0 = [0.2152 \quad 0.2112 \quad 0.2148 \quad 0.2144 \quad 0.0044]$

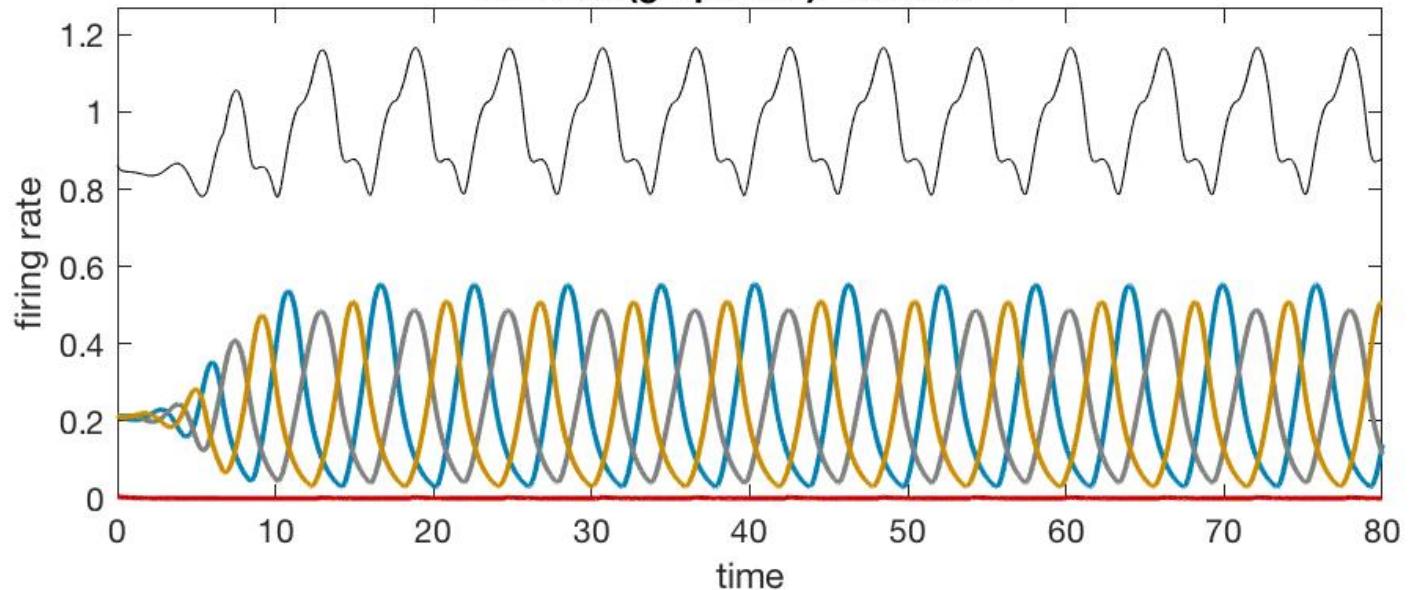


mEC 63

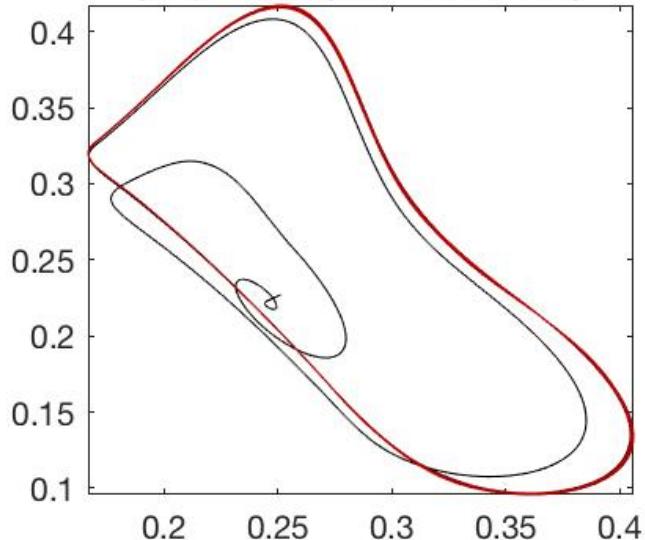
graph 310



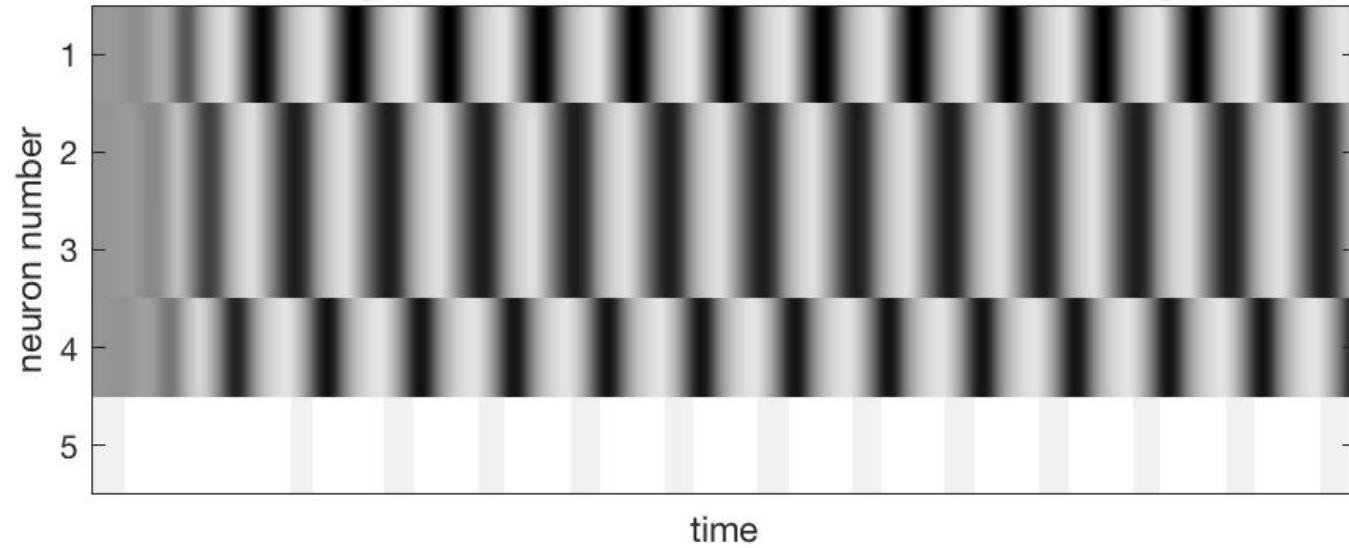
mEC 63 (graph 310): attractor 1



projection (red is last half)

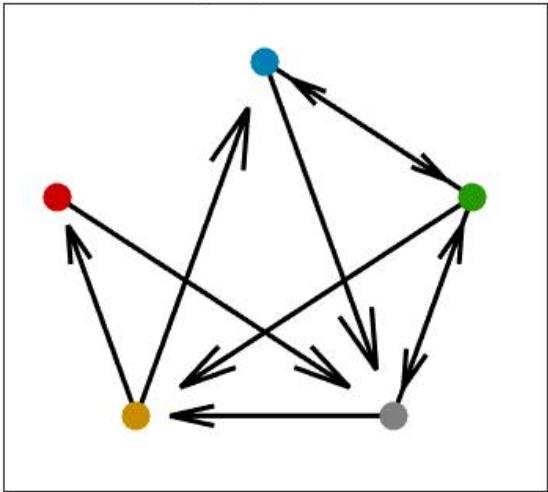


$X_0 = [0.2149 \quad 0.2154 \quad 0.2144 \quad 0.2137 \quad 0.0045]$

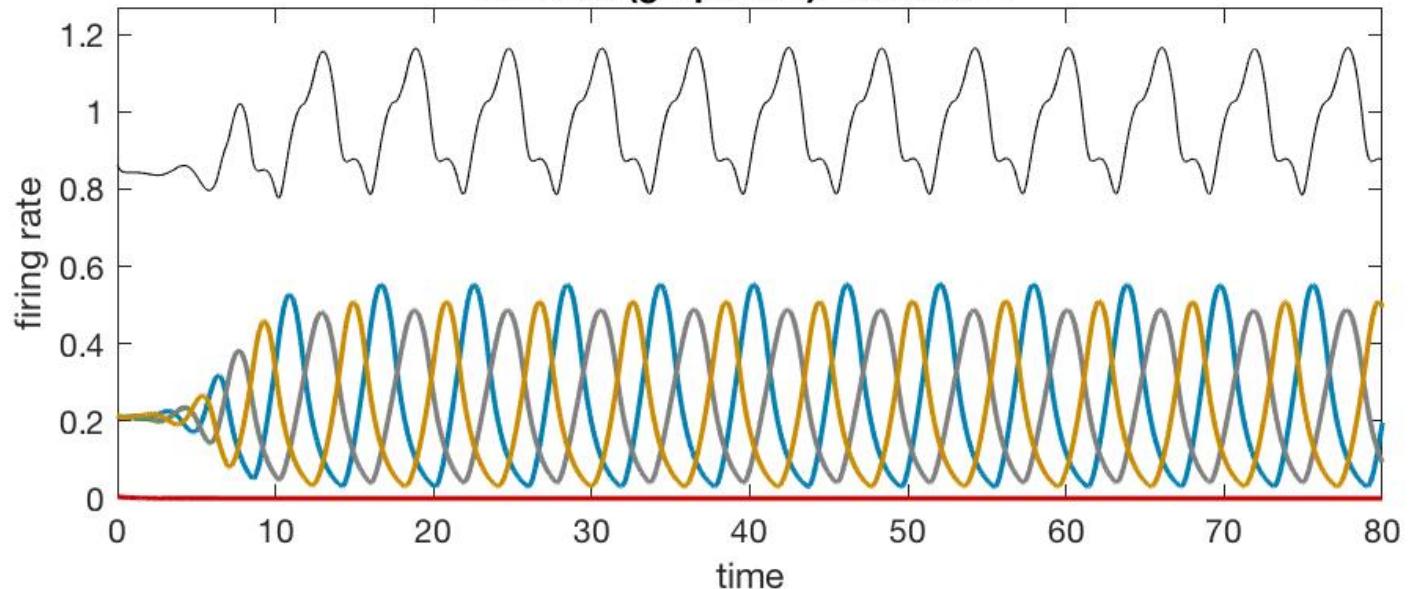


mEC 64

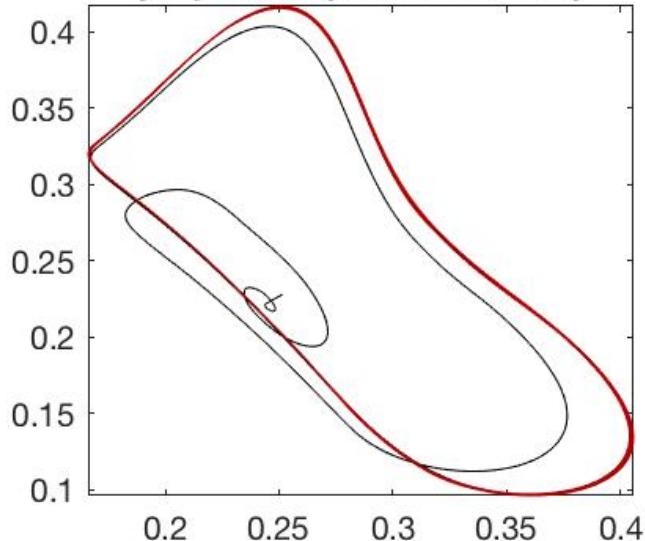
graph 312



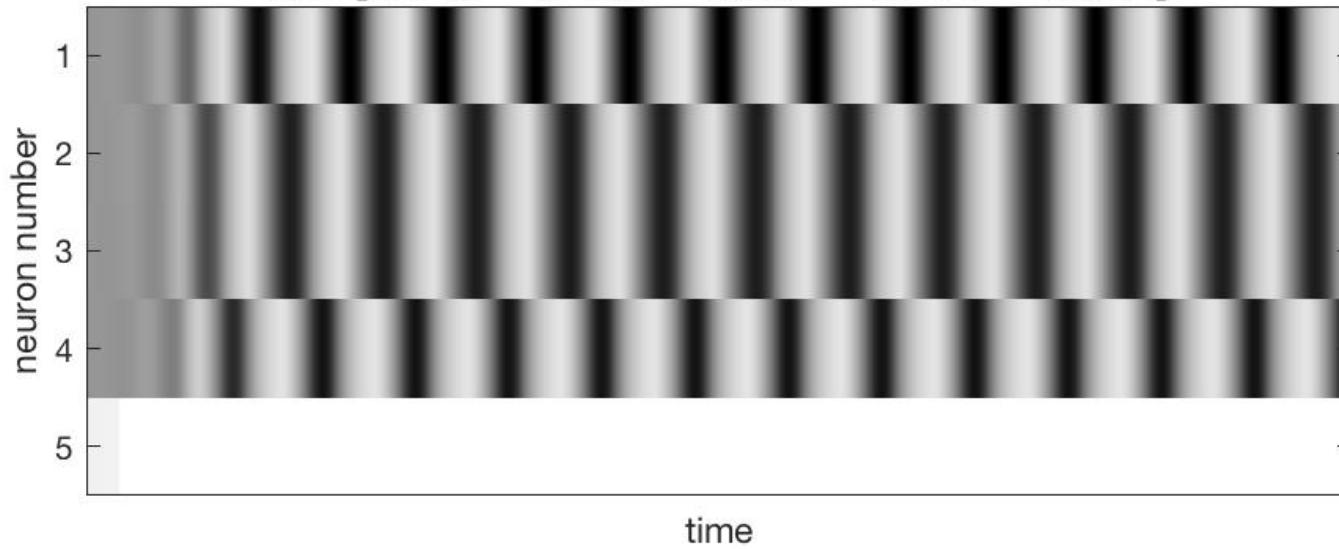
mEC 64 (graph 312): attractor 1



projection (red is last half)

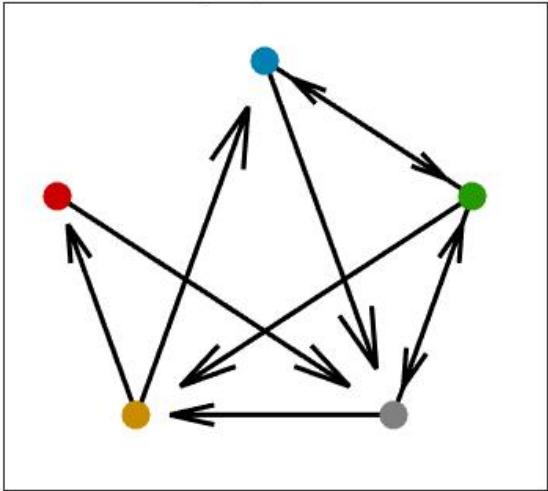


$X_0 = [0.2148 \quad 0.2159 \quad 0.2117 \quad 0.2151 \quad 0.0044]$

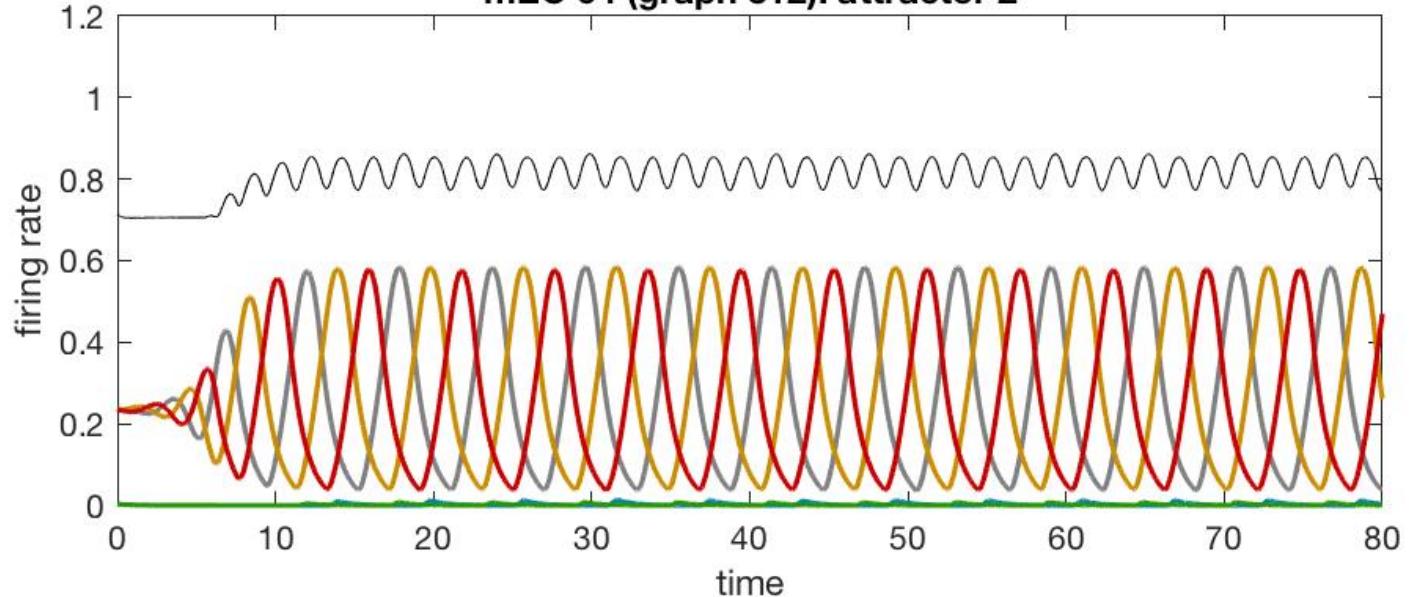


mEC 64

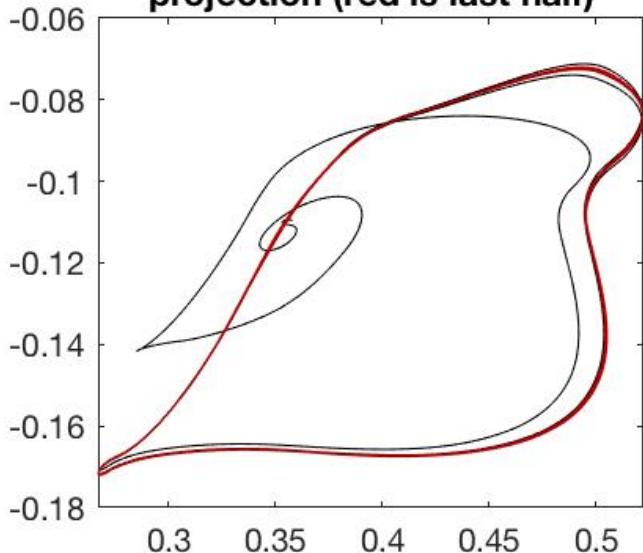
graph 312



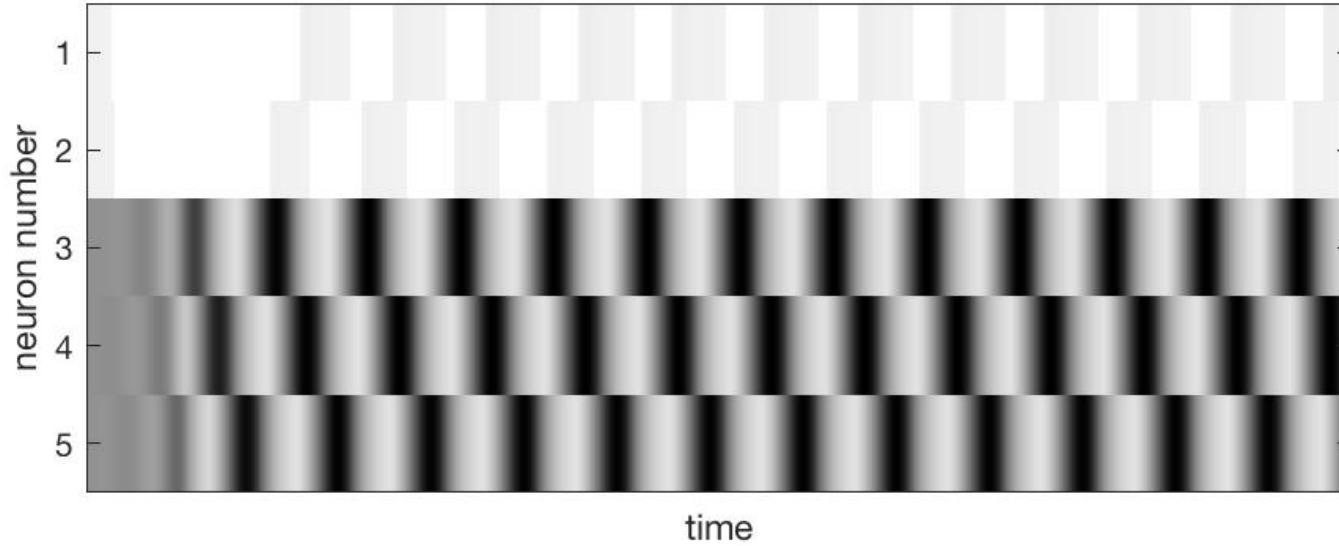
mEC 64 (graph 312): attractor 2



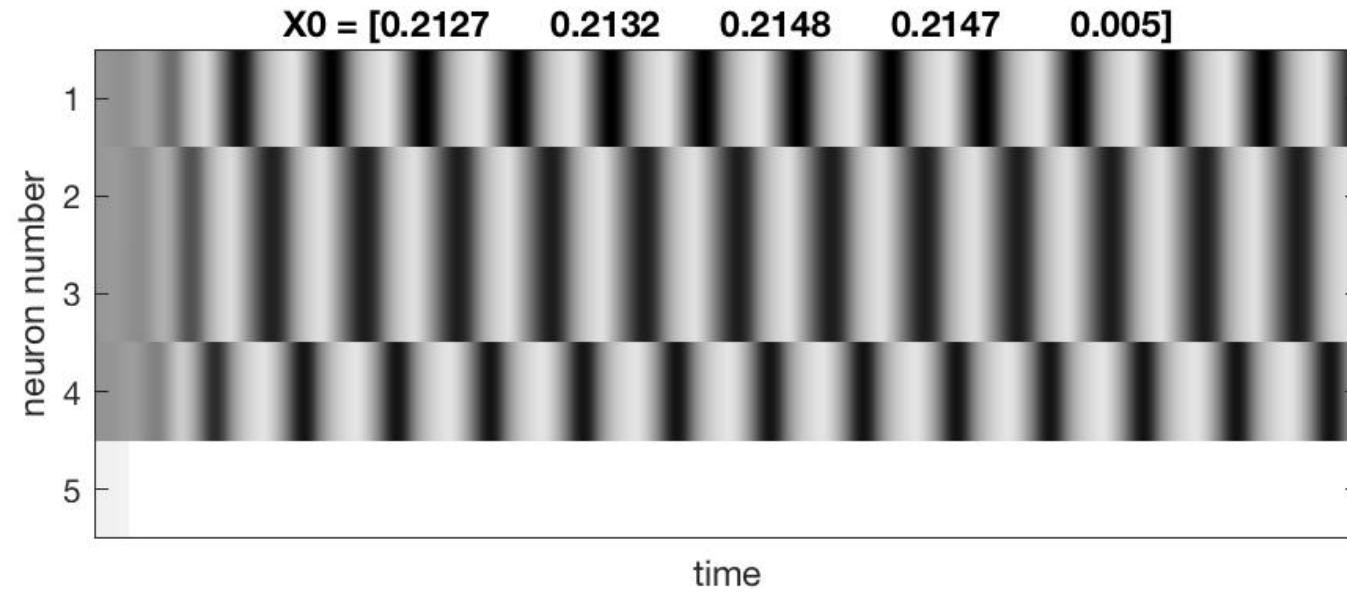
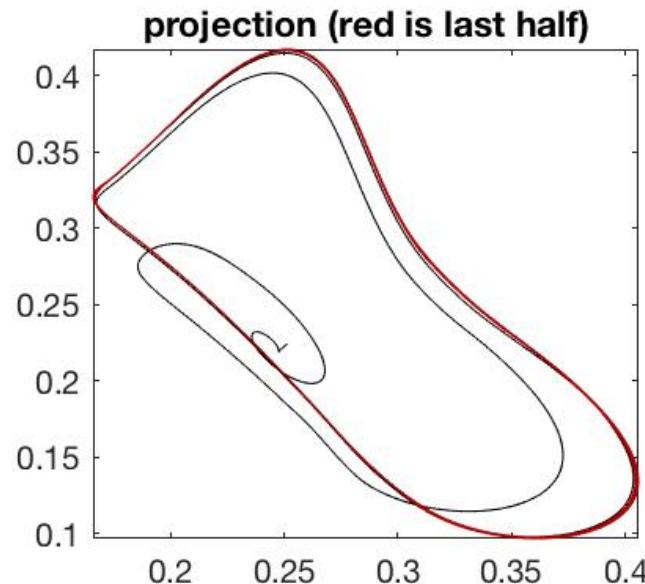
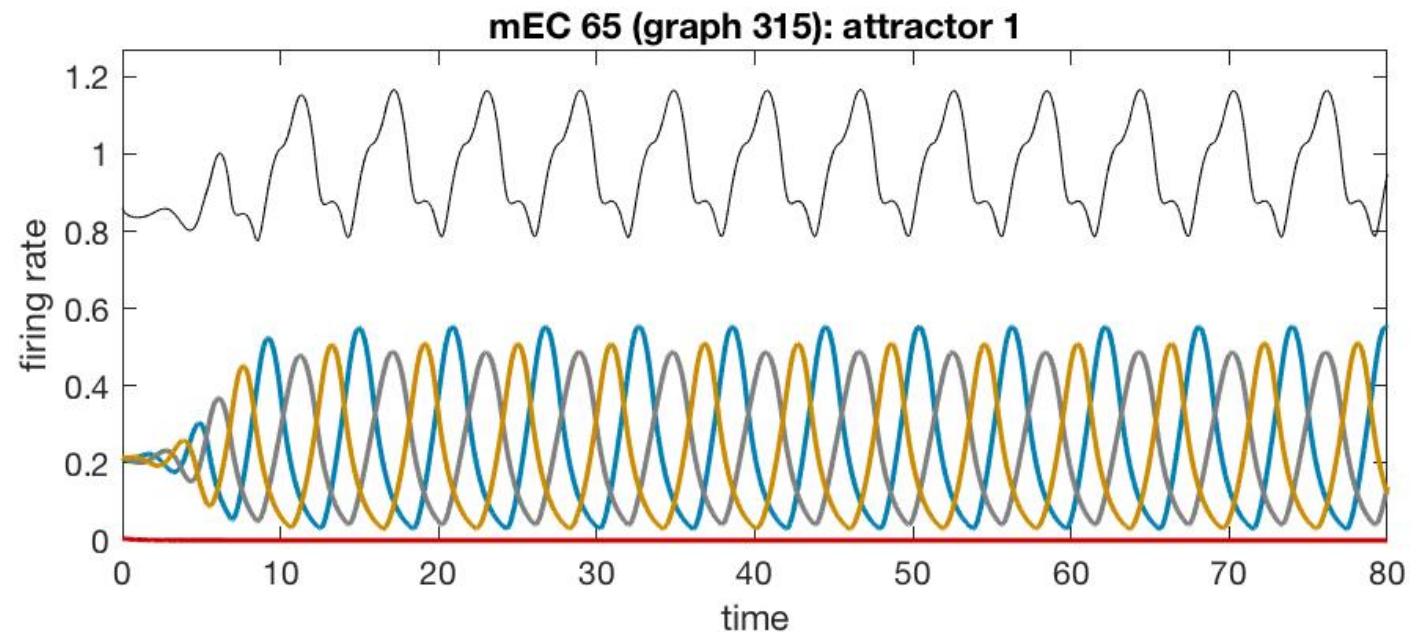
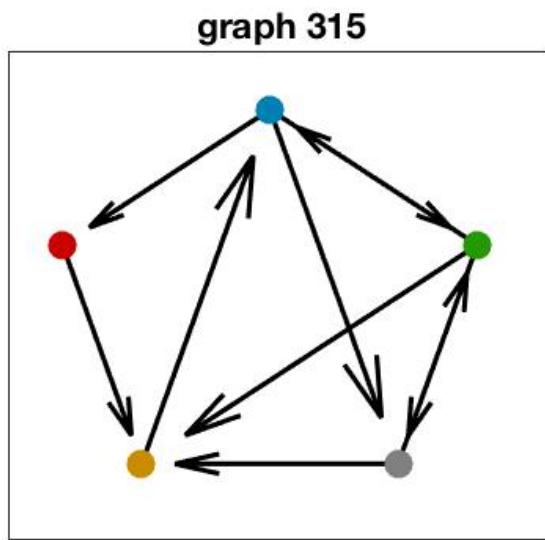
projection (red is last half)



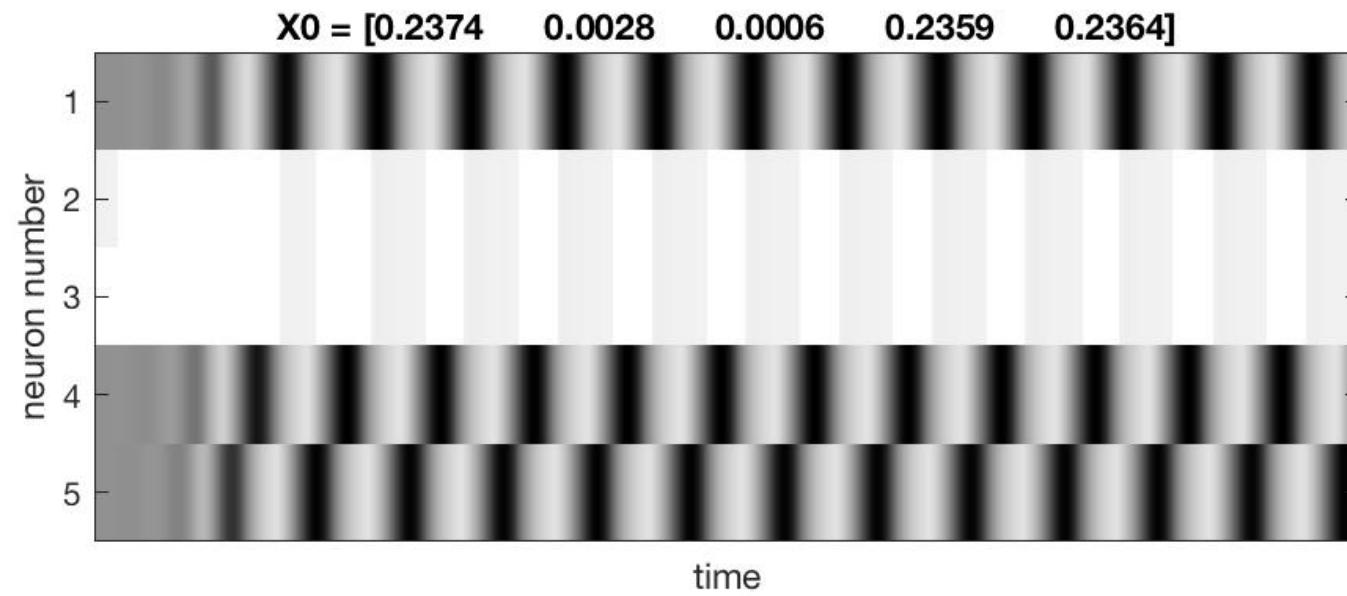
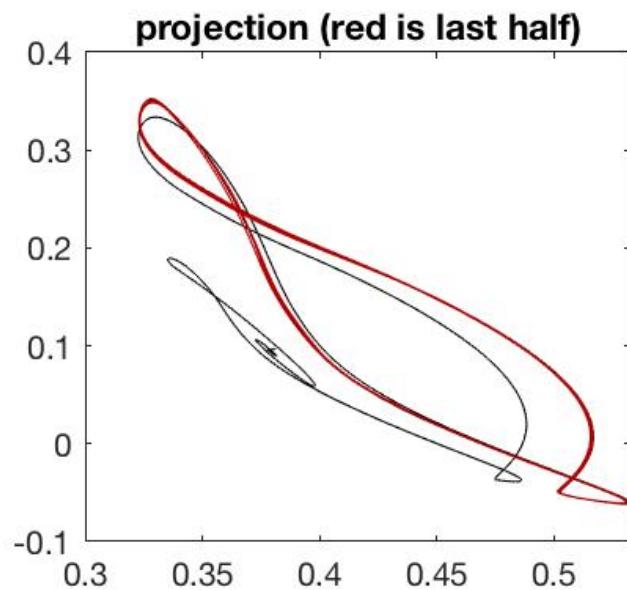
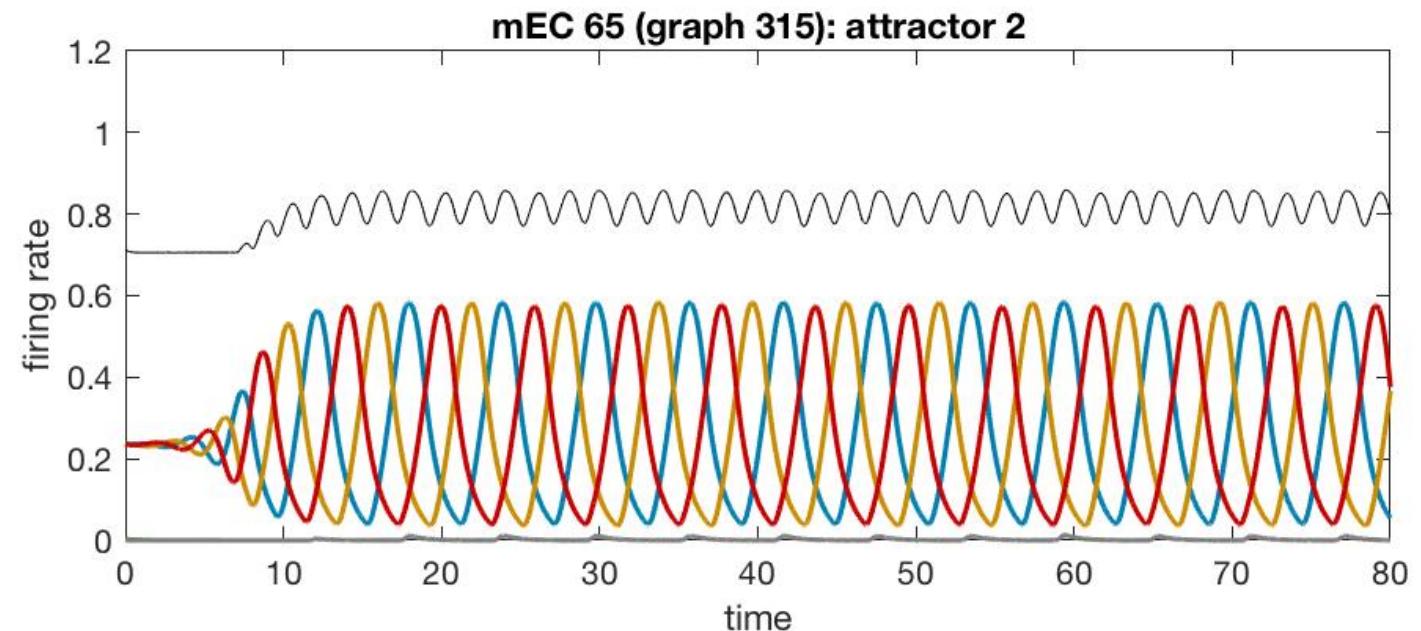
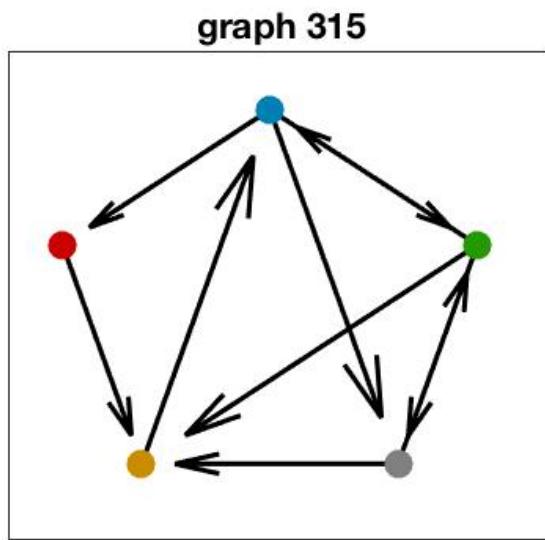
$X_0 = [0.003 \quad 0.0036 \quad 0.2355 \quad 0.2362 \quad 0.2365]$



mEC 65

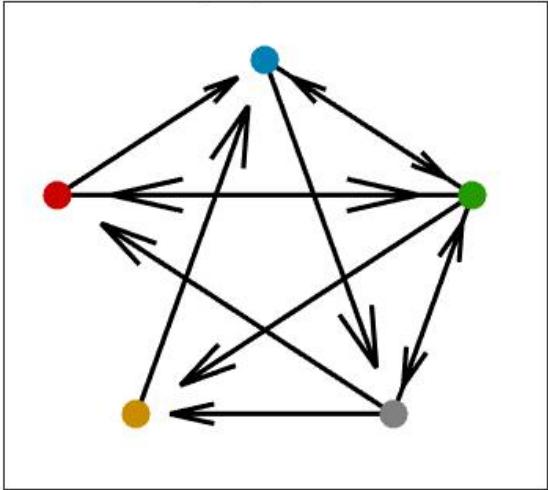


mEC 65

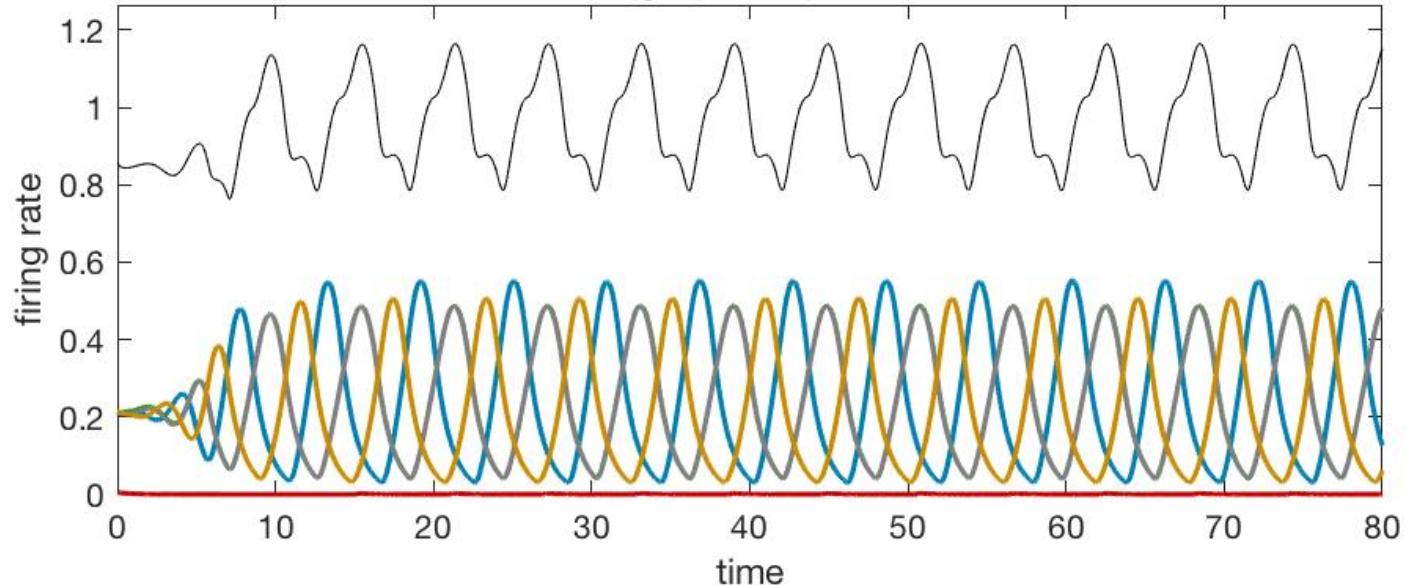


mEC 66

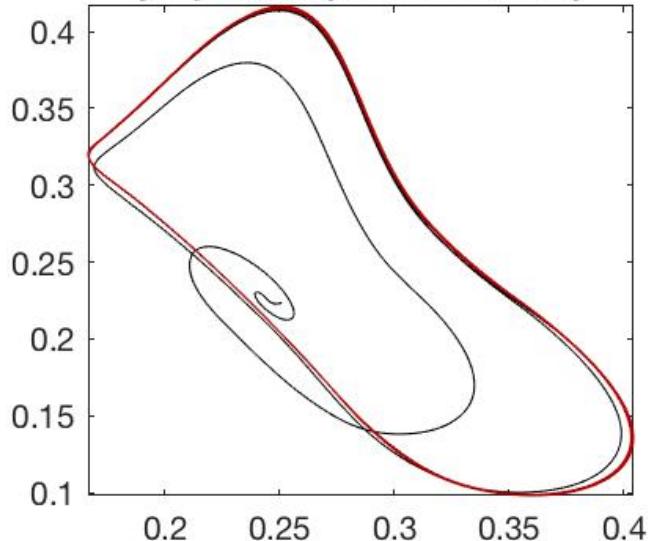
graph 318



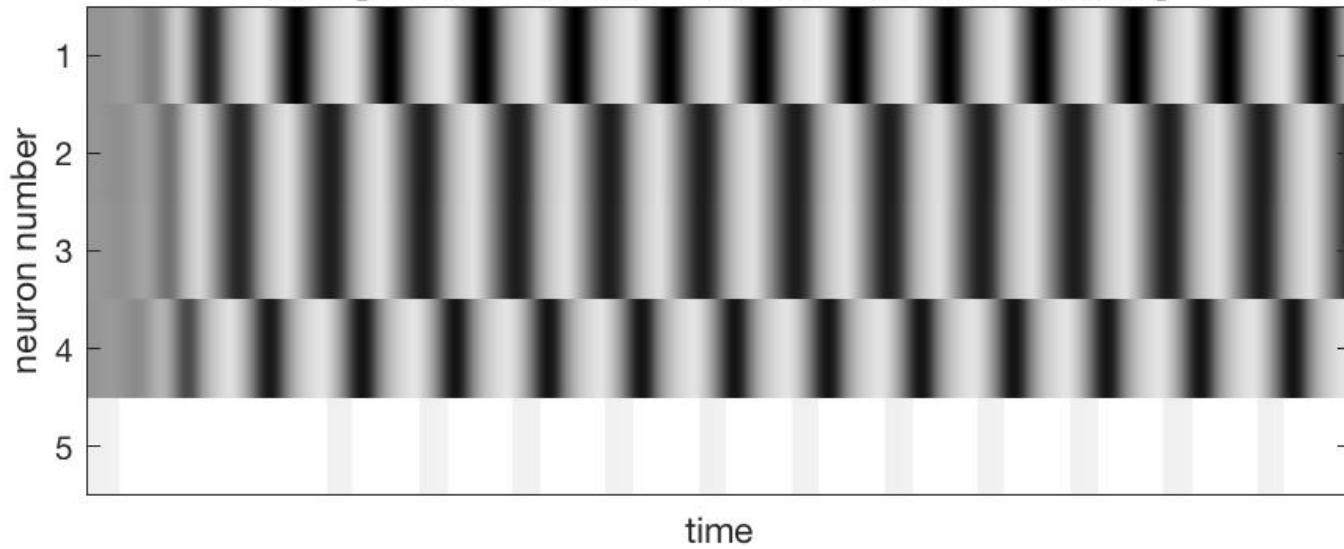
mEC 66 (graph 318): attractor 1



projection (red is last half)

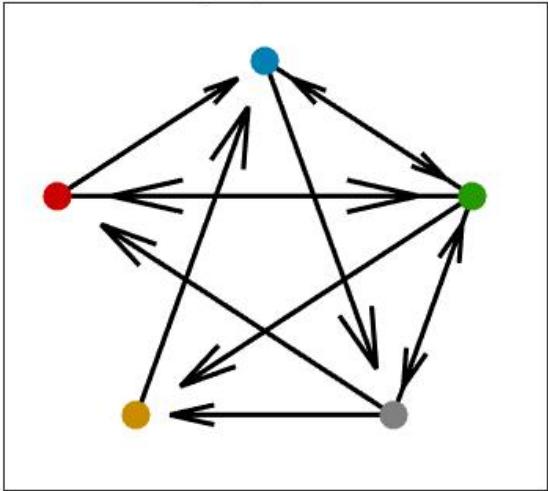


$X_0 = [0.2114 \quad 0.2131 \quad 0.2128 \quad 0.2152 \quad 0.0049]$

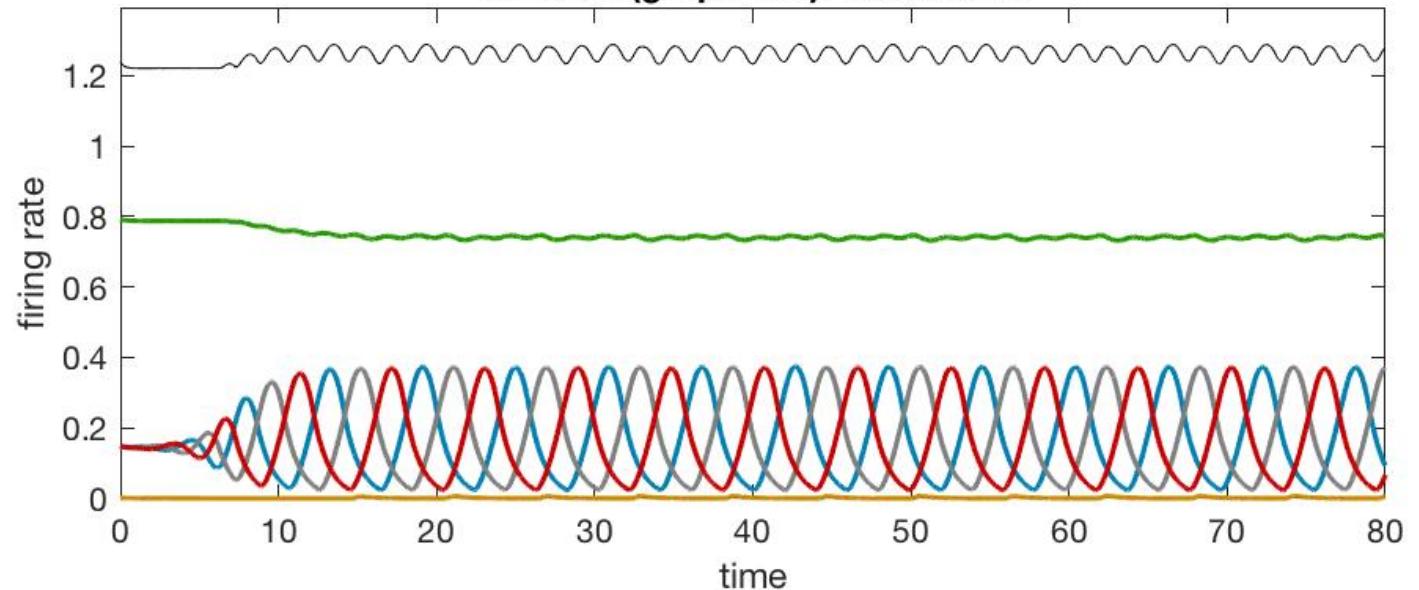


mEC 66

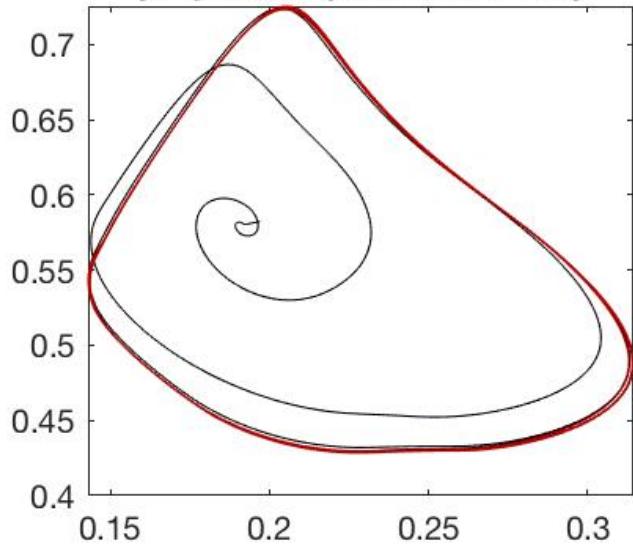
graph 318



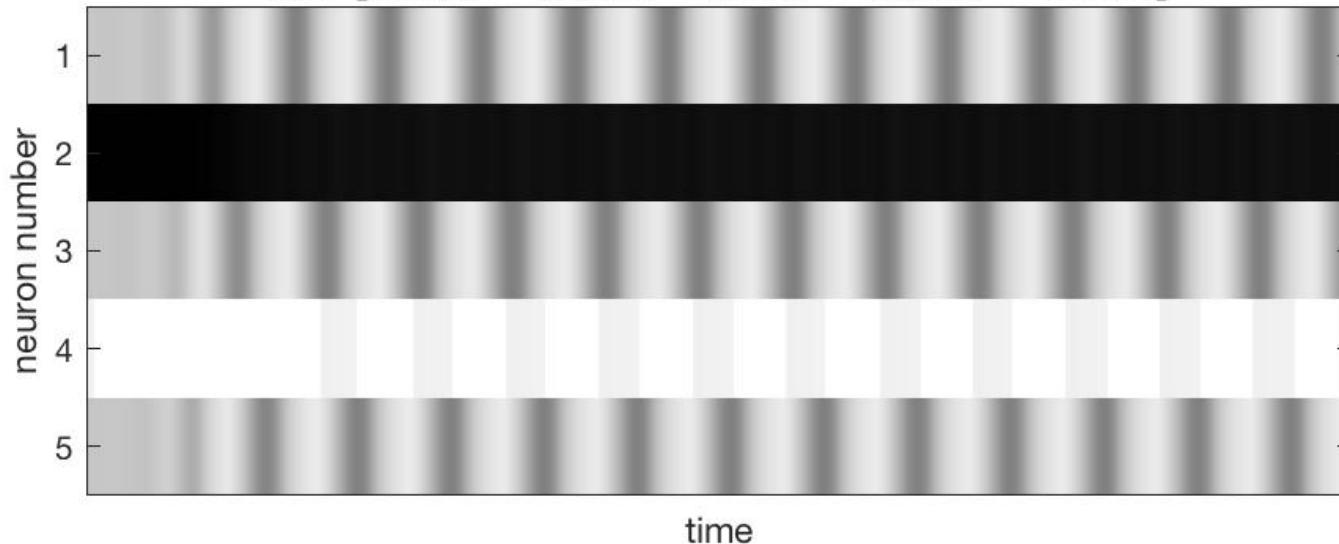
mEC 66 (graph 318): attractor 2



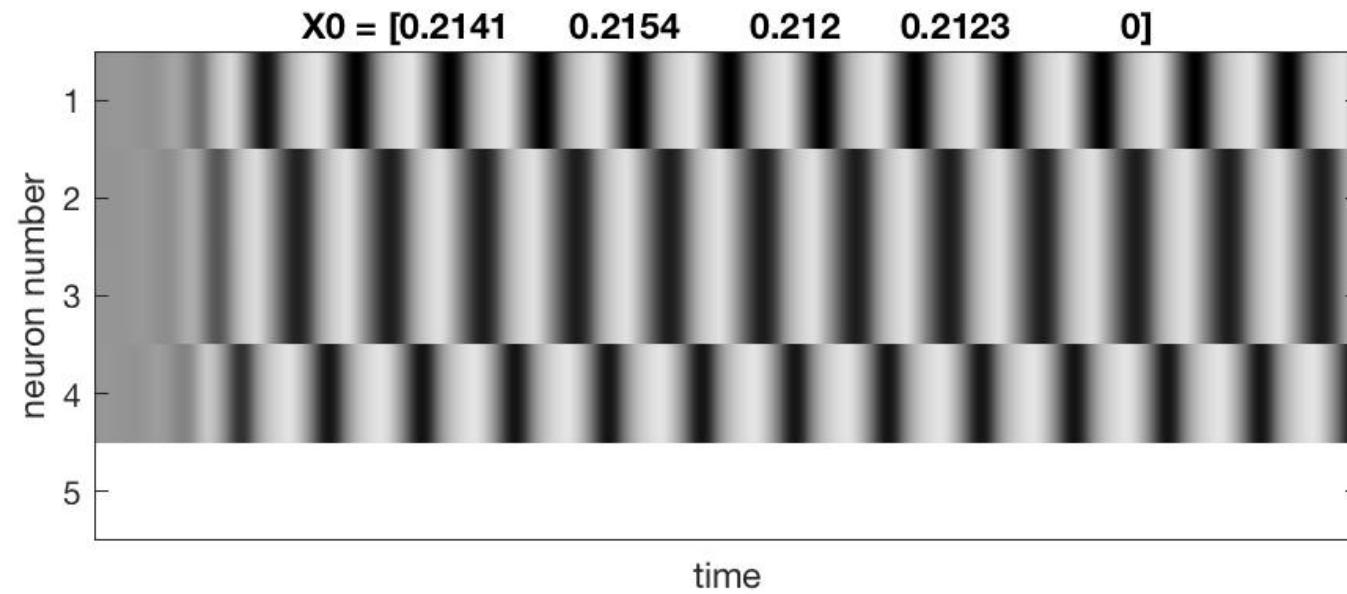
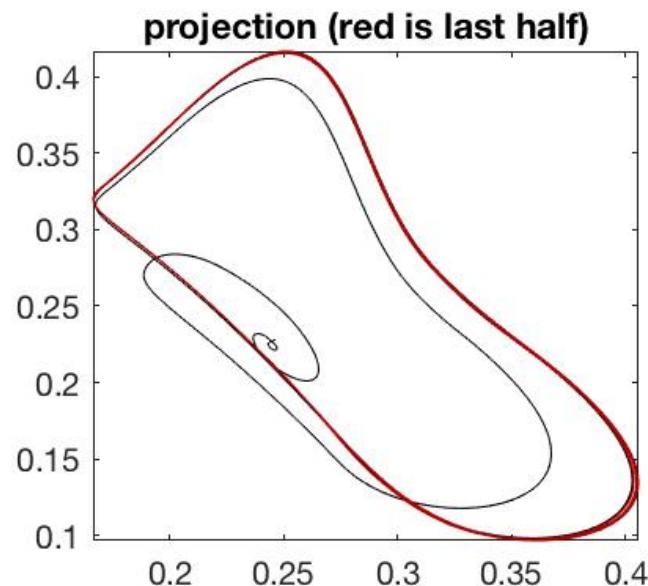
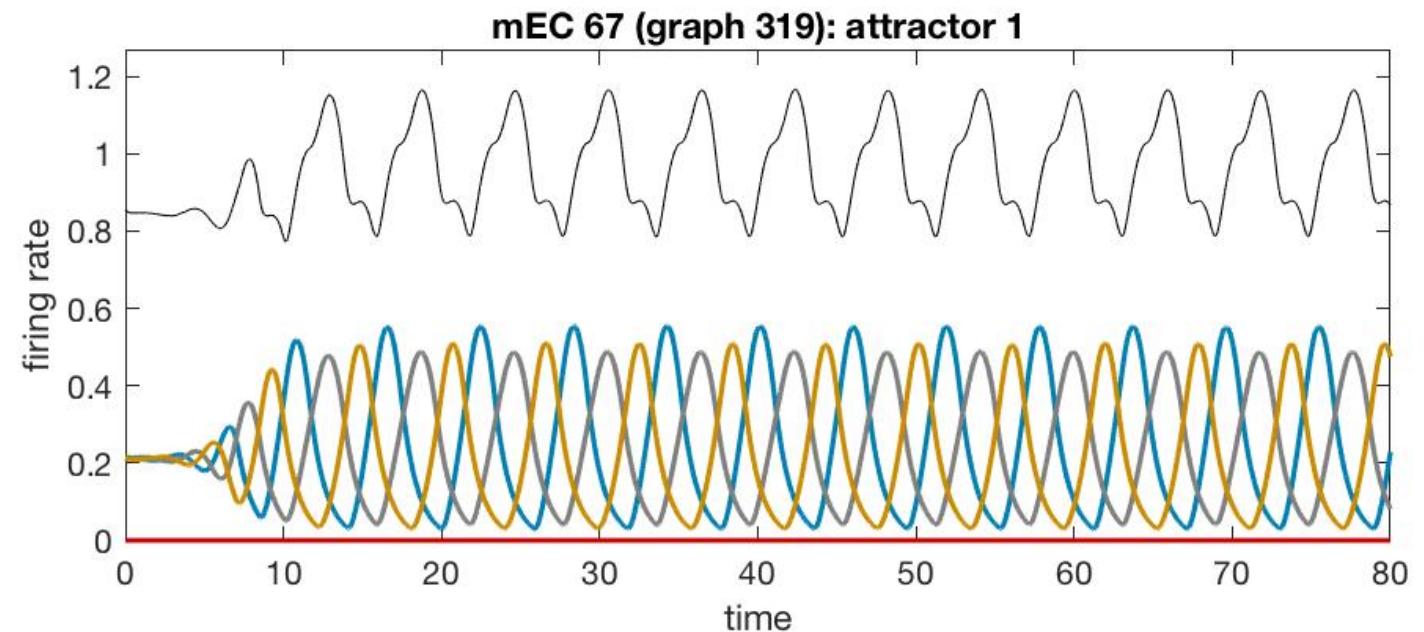
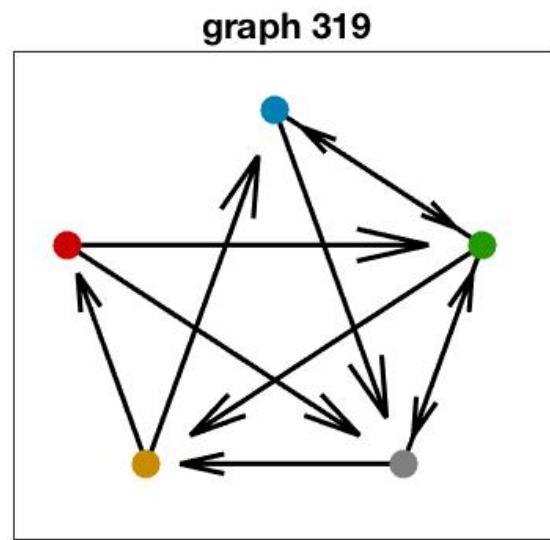
projection (red is last half)



$X_0 = [0.1469 \quad 0.7923 \quad 0.1487 \quad 0.0014 \quad 0.1493]$

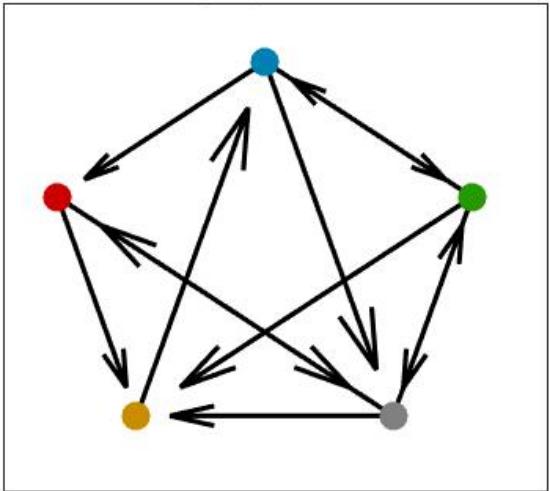


mEC 67

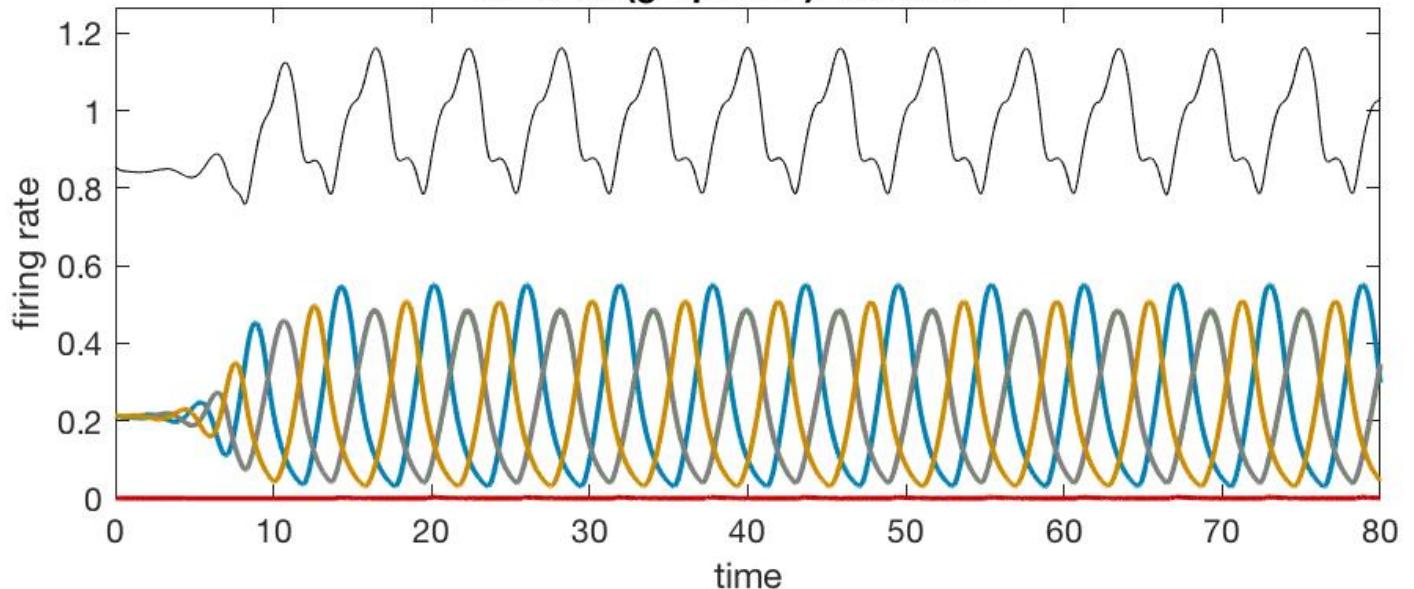


mEC 68

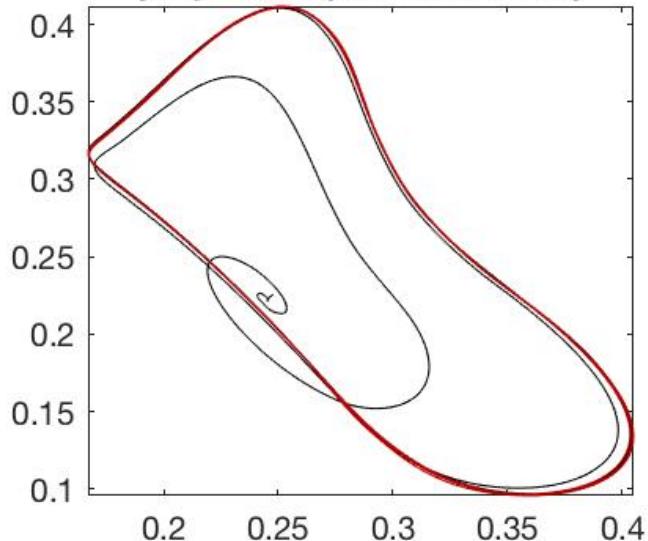
graph 321



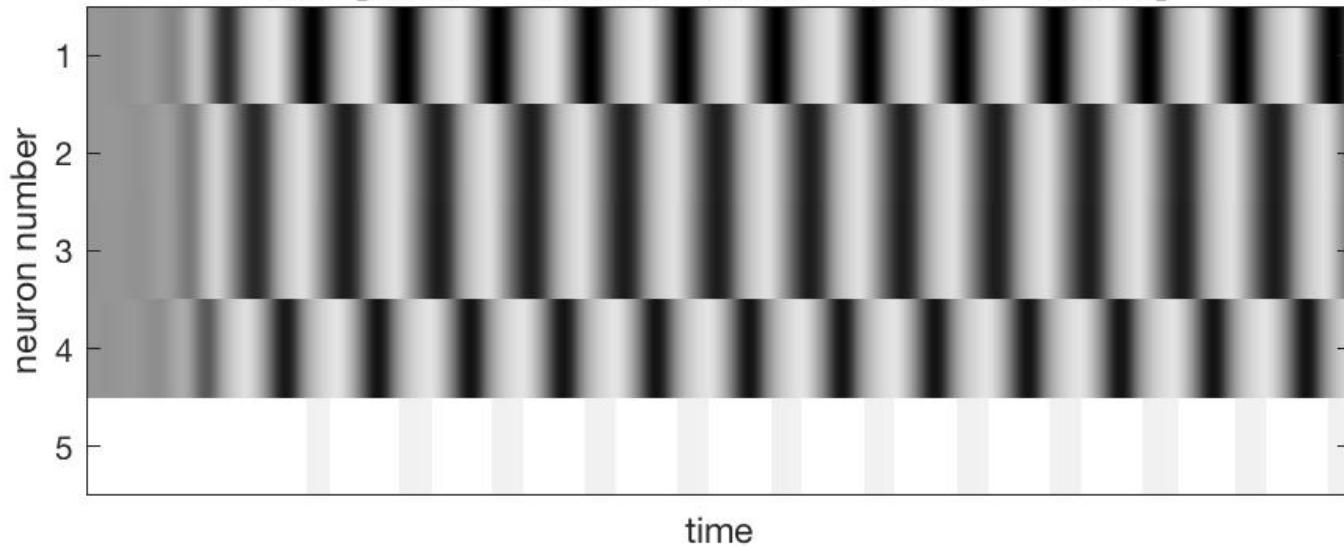
mEC 68 (graph 321): attractor 1



projection (red is last half)

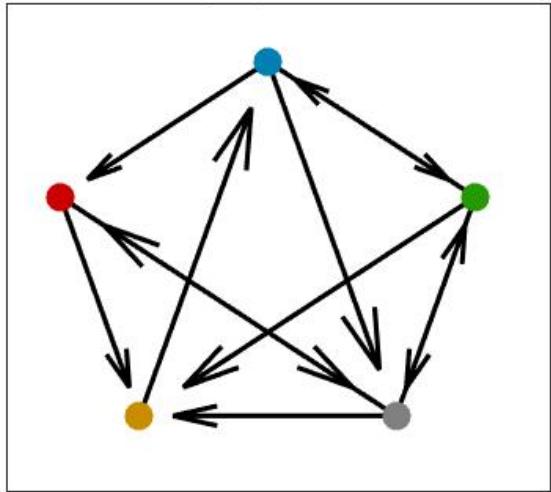


$X_0 = [0.2133 \quad 0.2138 \quad 0.2147 \quad 0.2135 \quad 0.0006]$

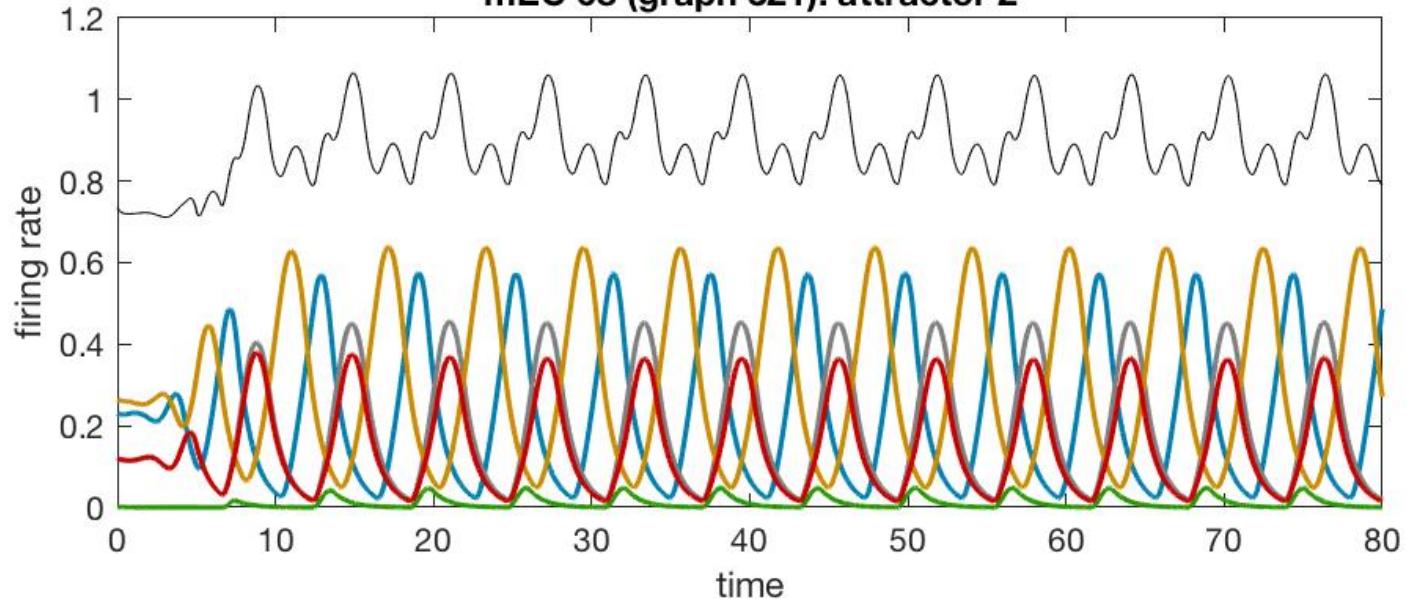


mEC 68

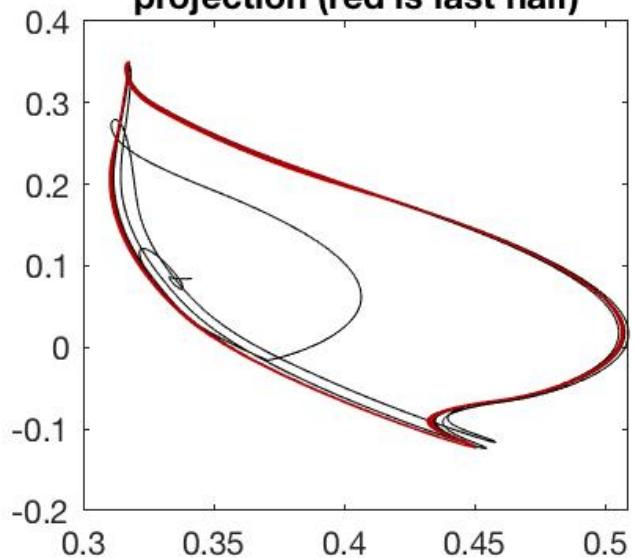
graph 321



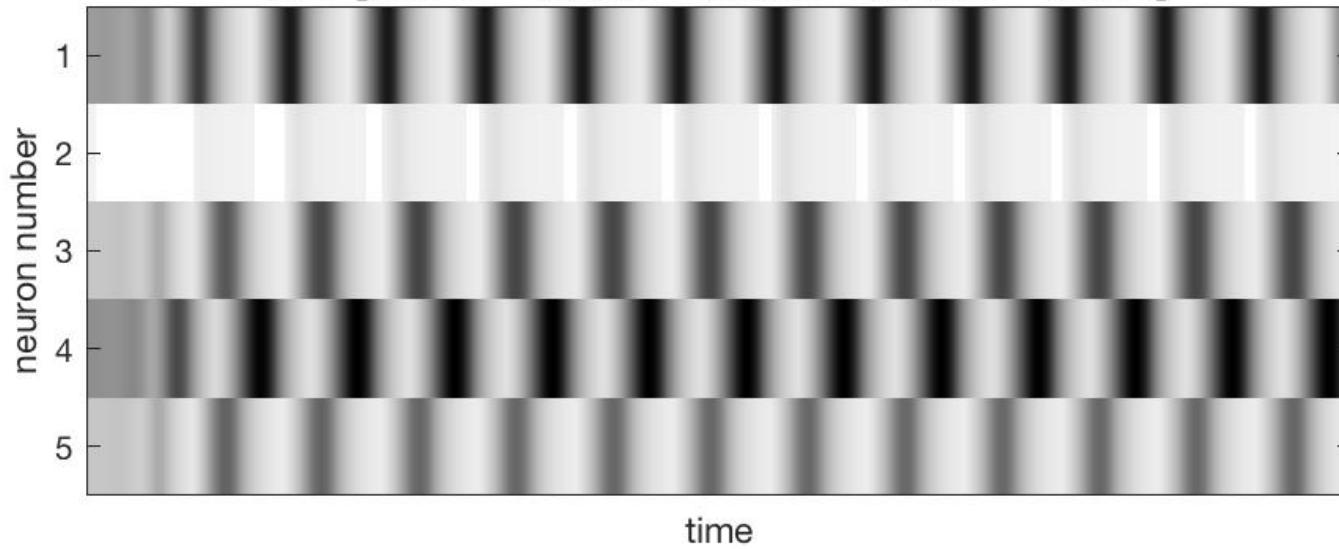
mEC 68 (graph 321): attractor 2



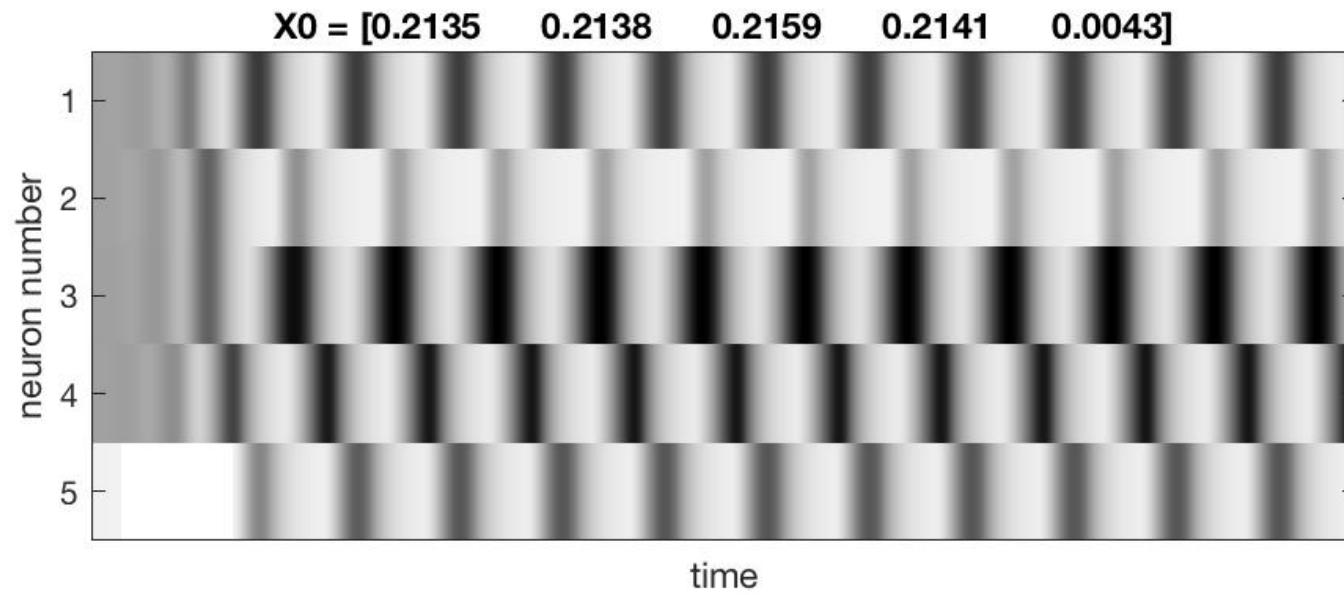
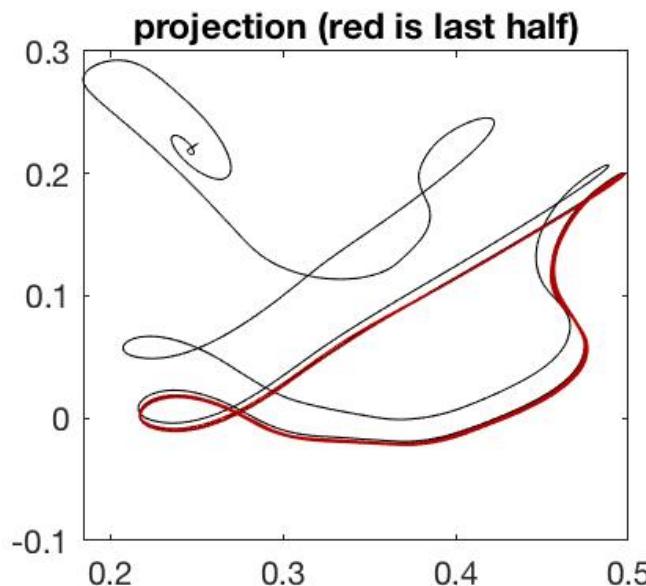
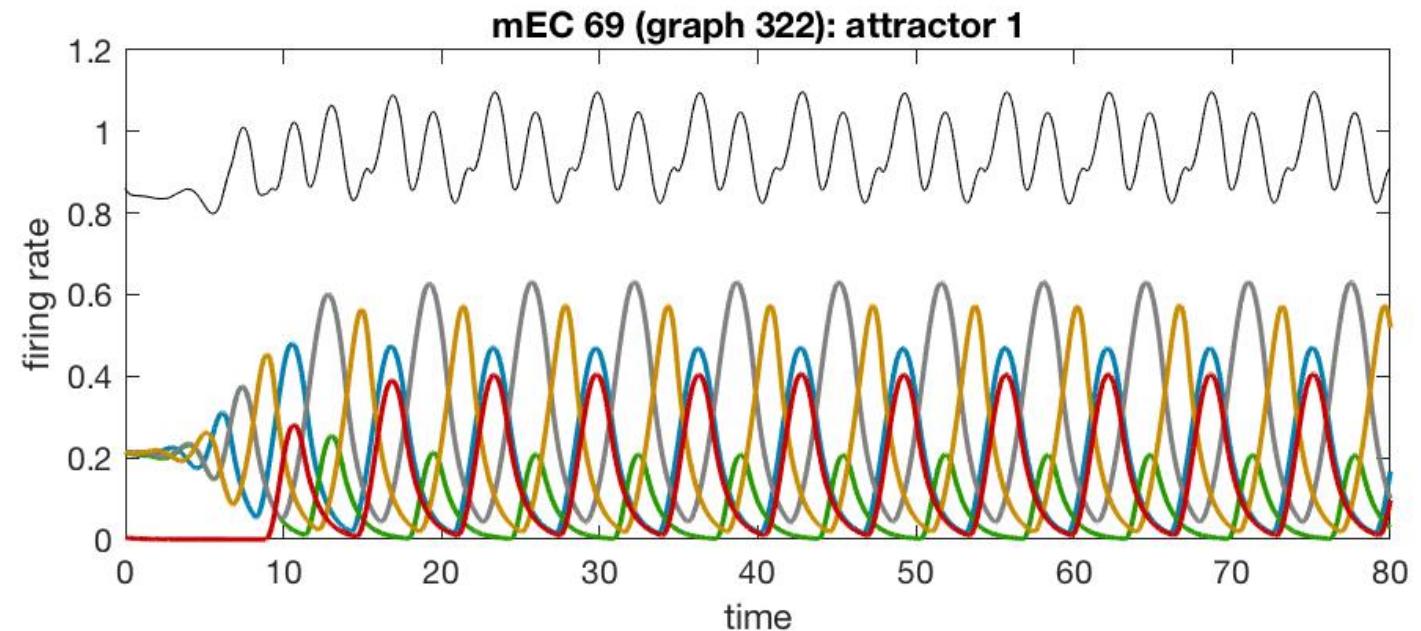
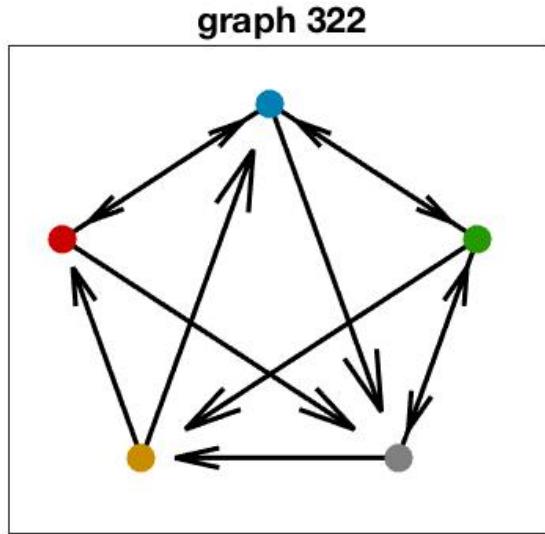
projection (red is last half)



$X_0 = [0.2304 \quad 0.0012 \quad 0.1202 \quad 0.2636 \quad 0.1207]$

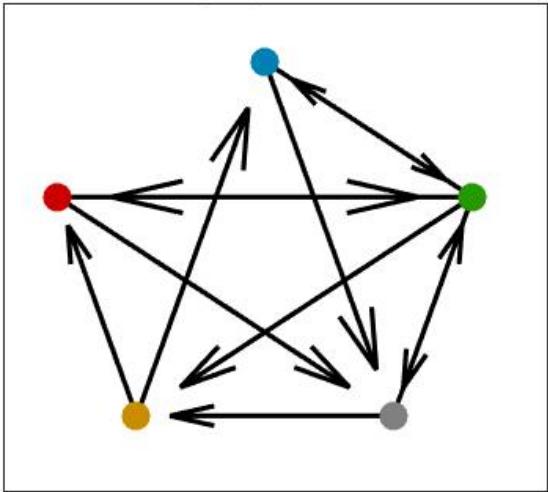


mEC 69

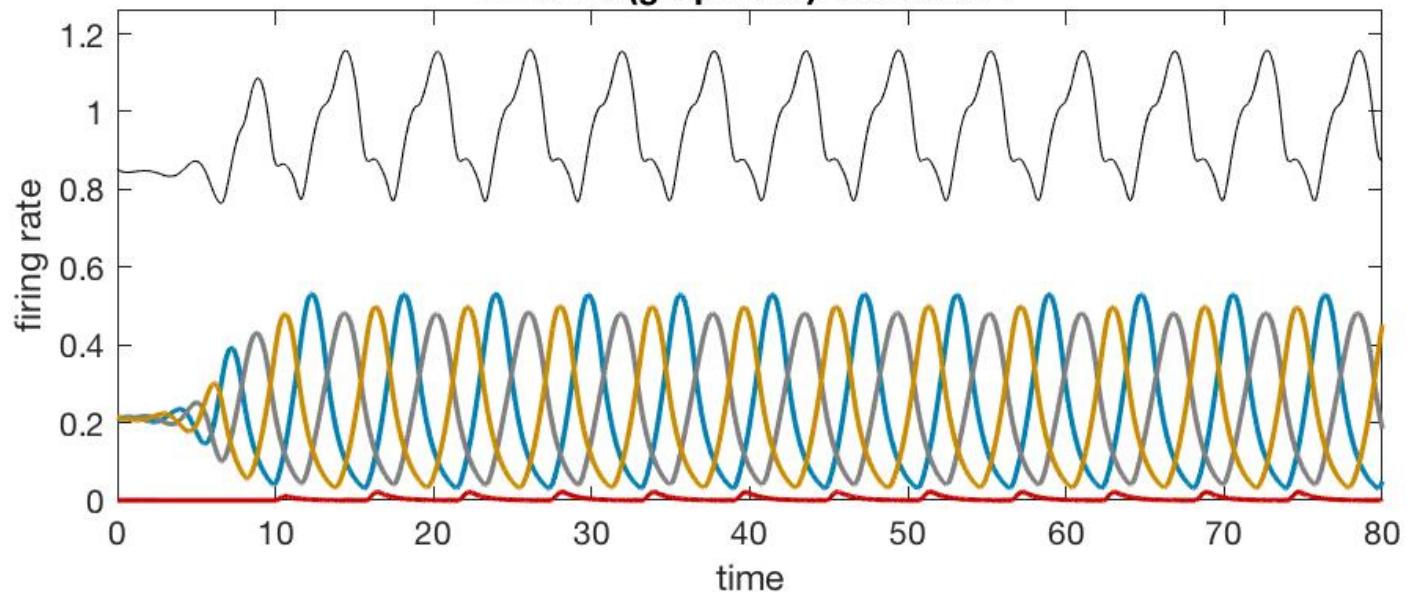


mEC 70

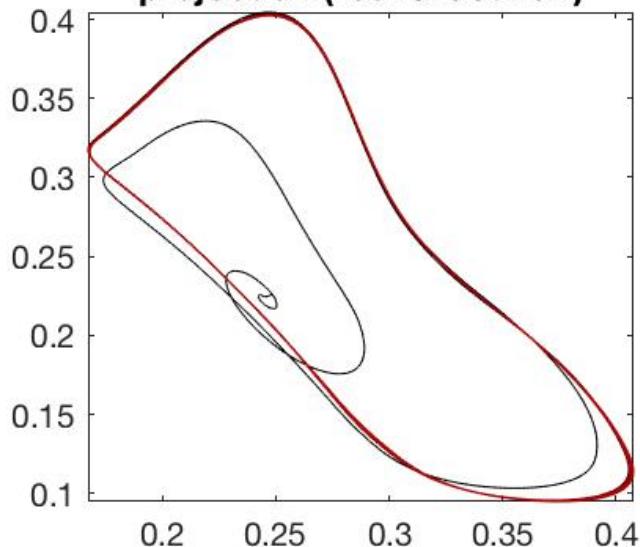
graph 323



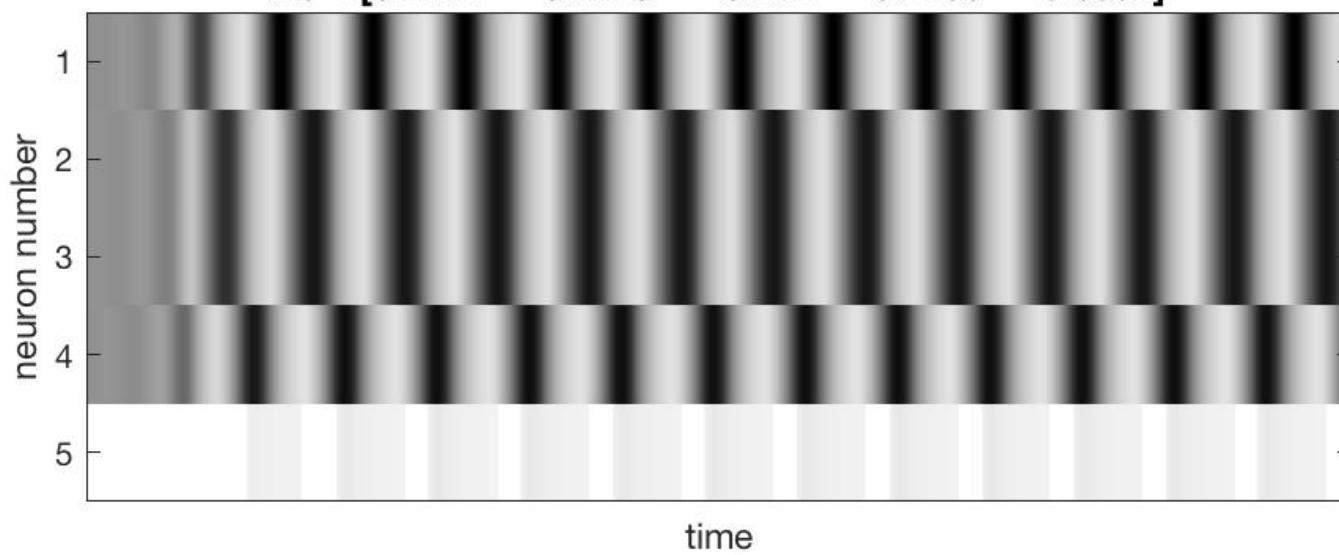
mEC 70 (graph 323): attractor 1



projection (red is last half)

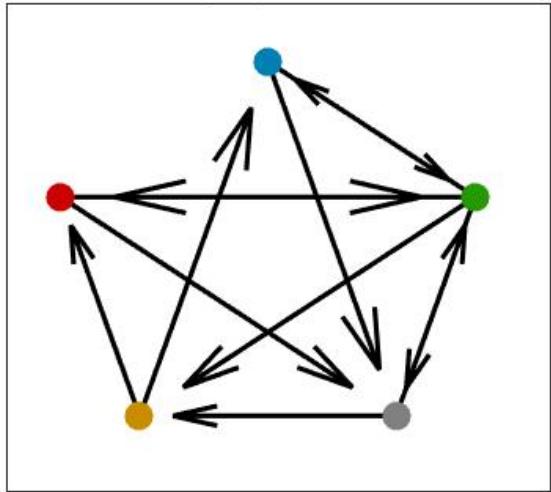


X0 = [0.2147 0.2123 0.212 0.2153 0.0001]

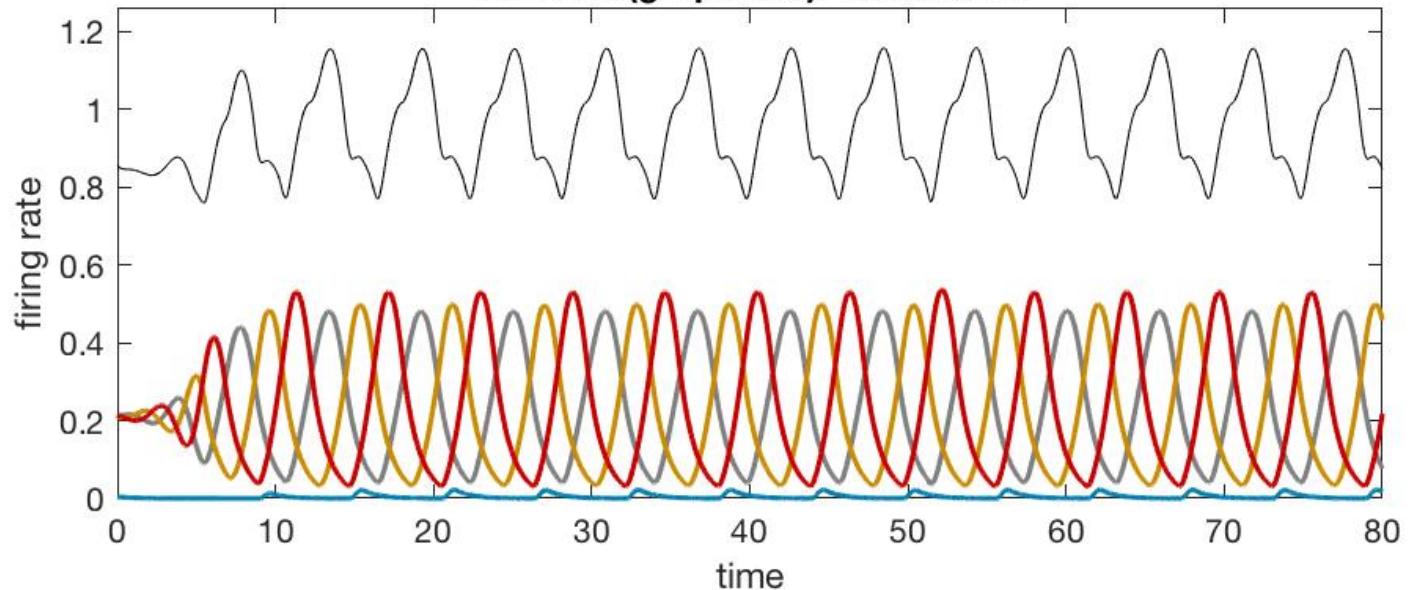


mEC 70

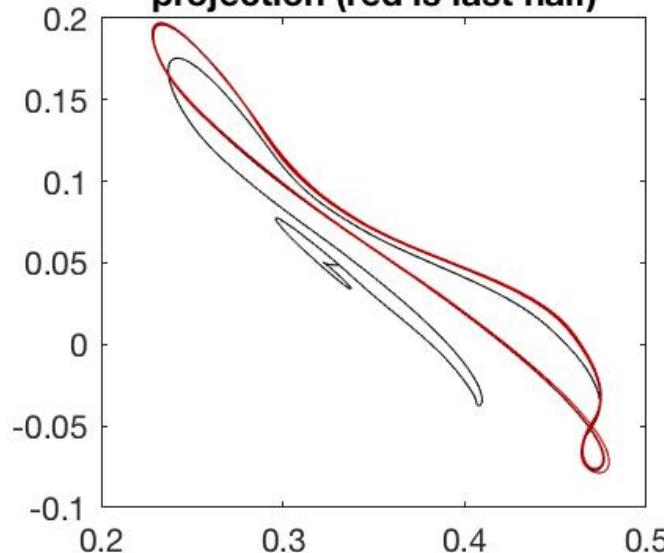
graph 323



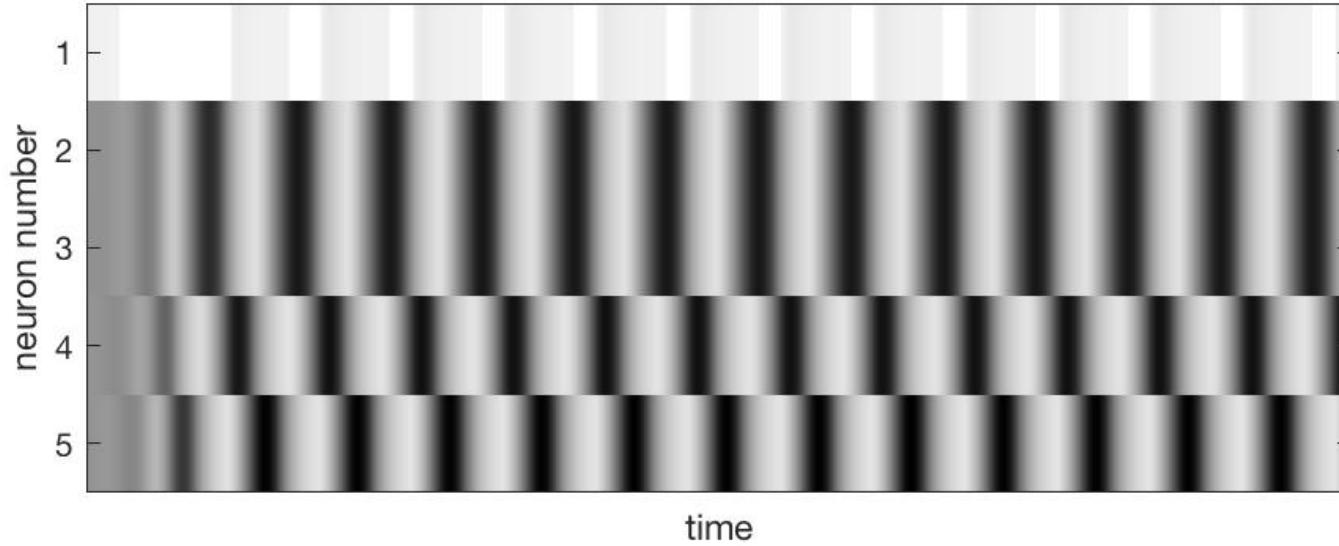
mEC 70 (graph 323): attractor 2



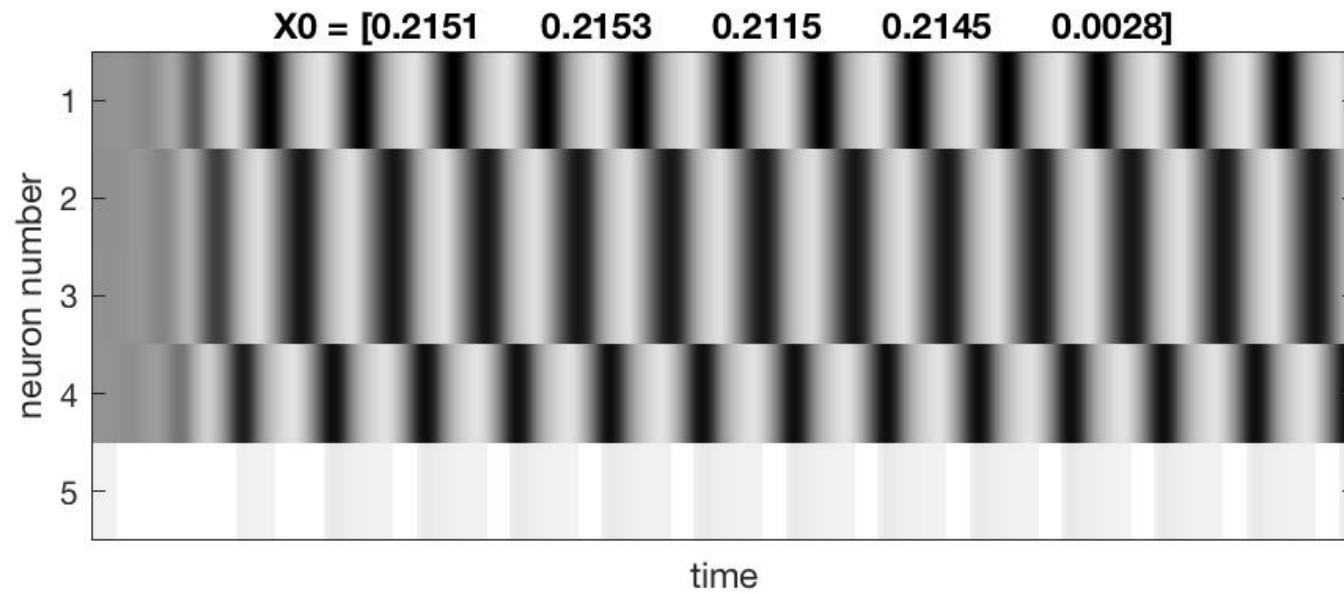
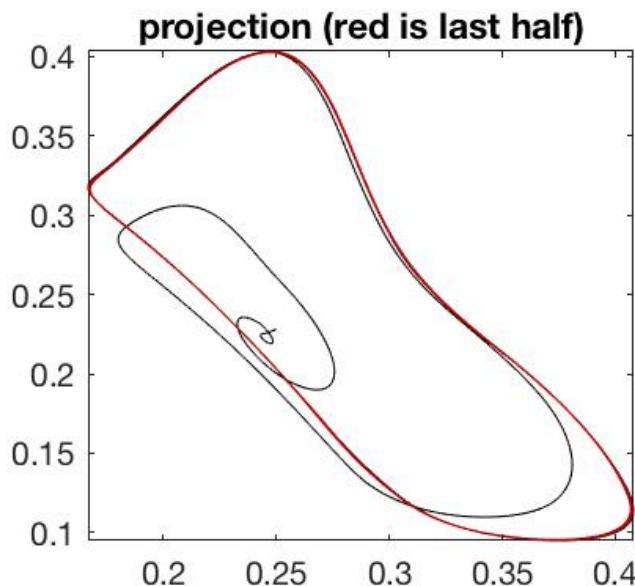
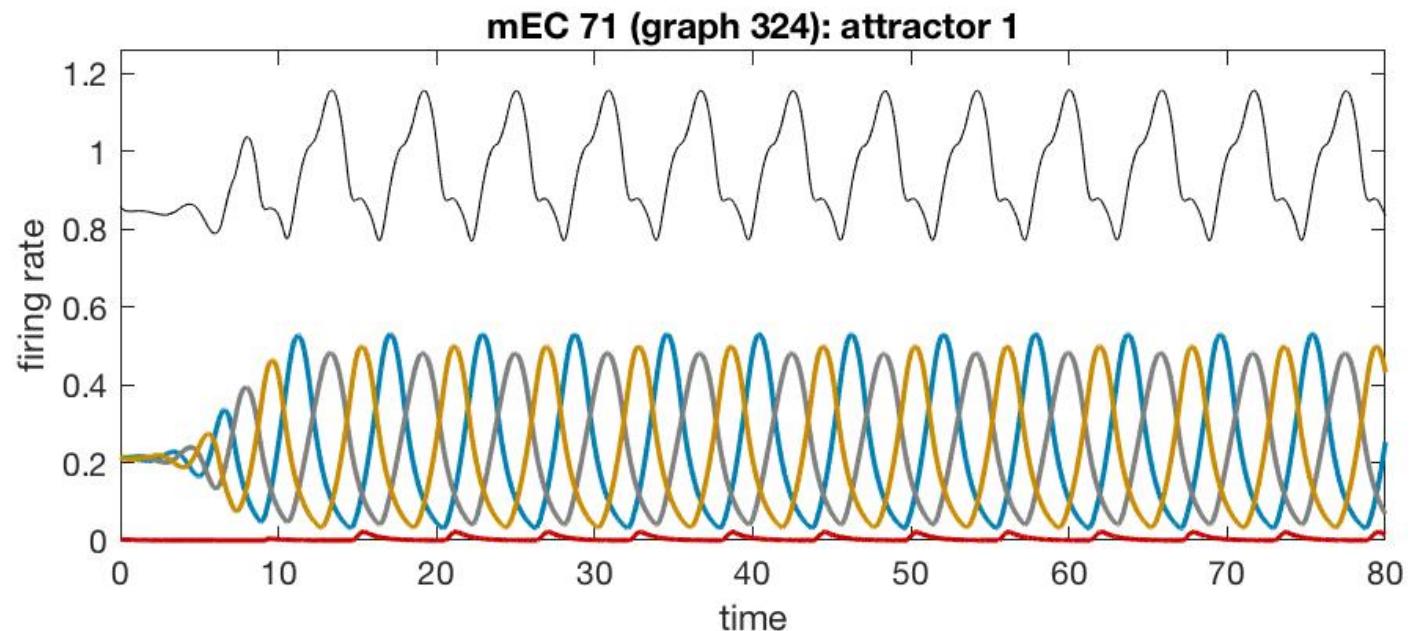
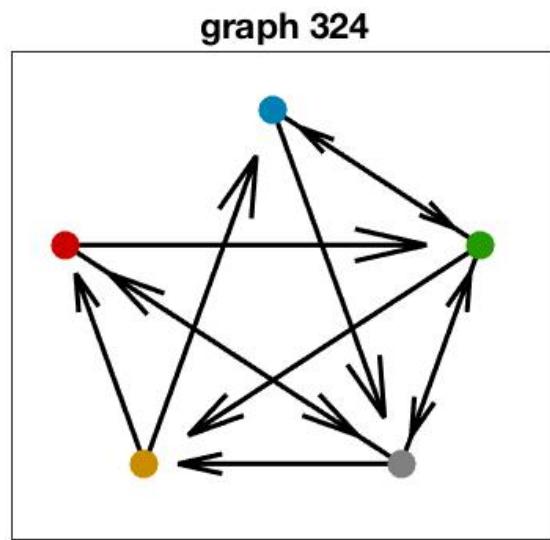
projection (red is last half)



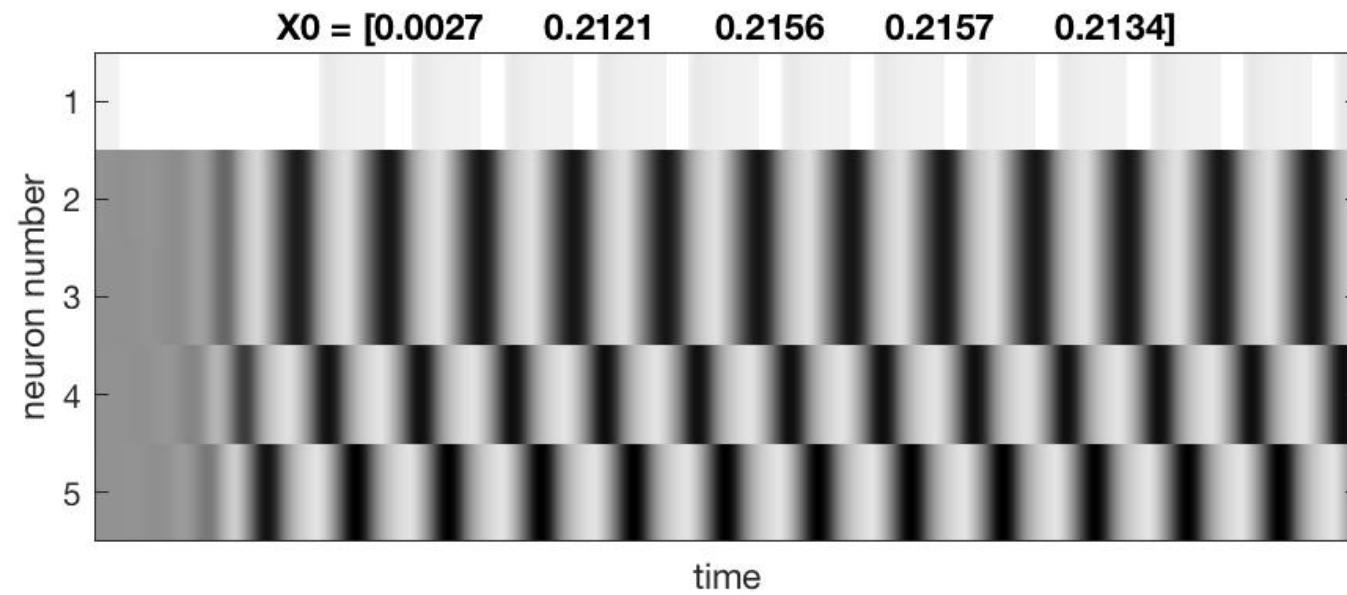
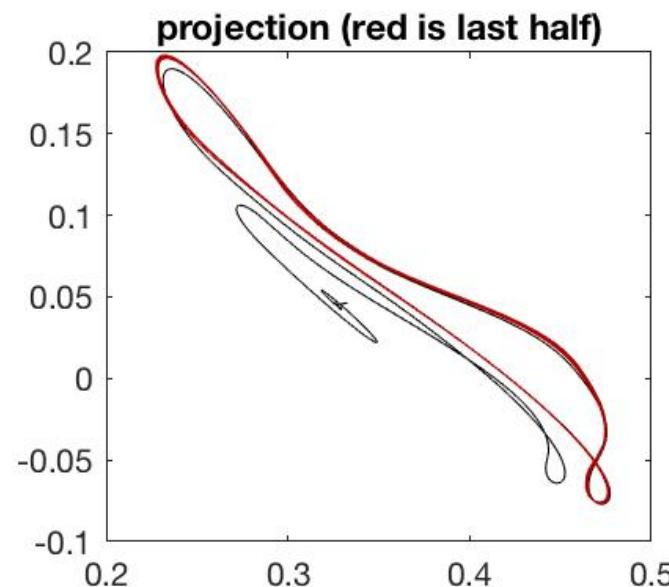
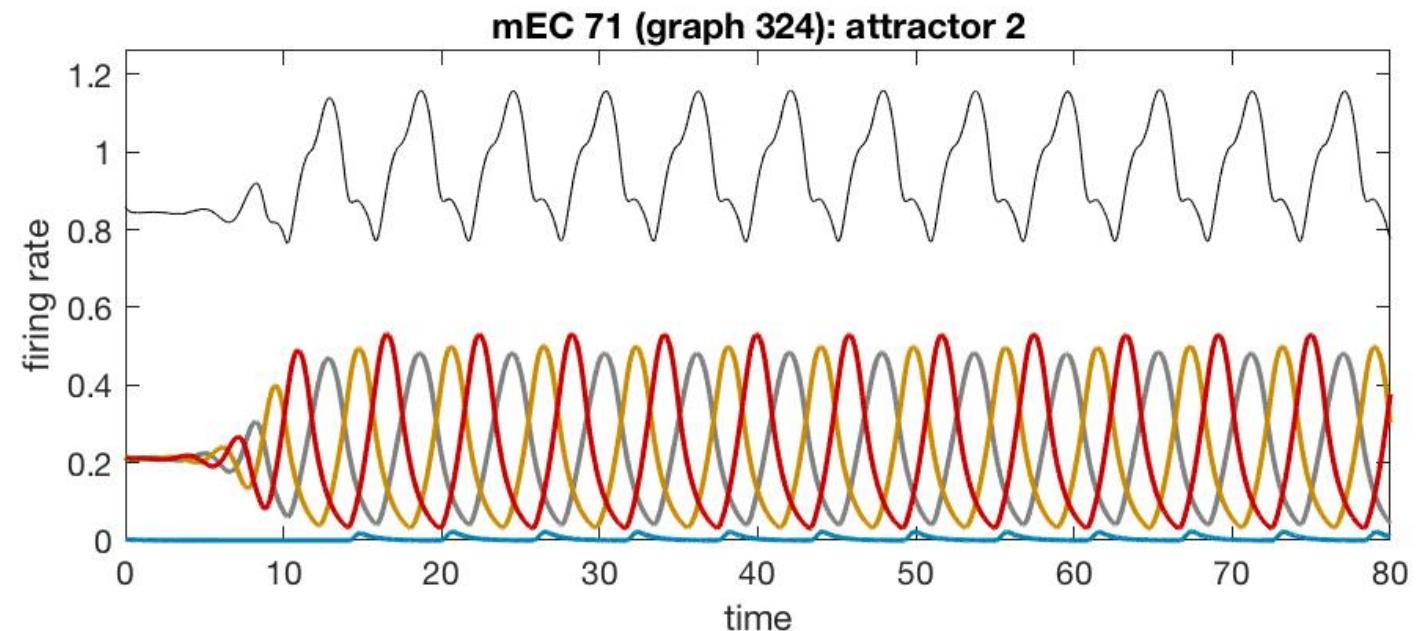
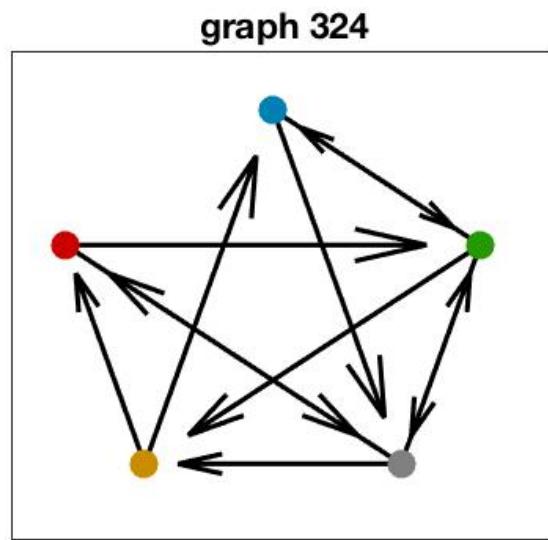
X0 = [0.0044 0.2133 0.2139 0.211 0.2146]



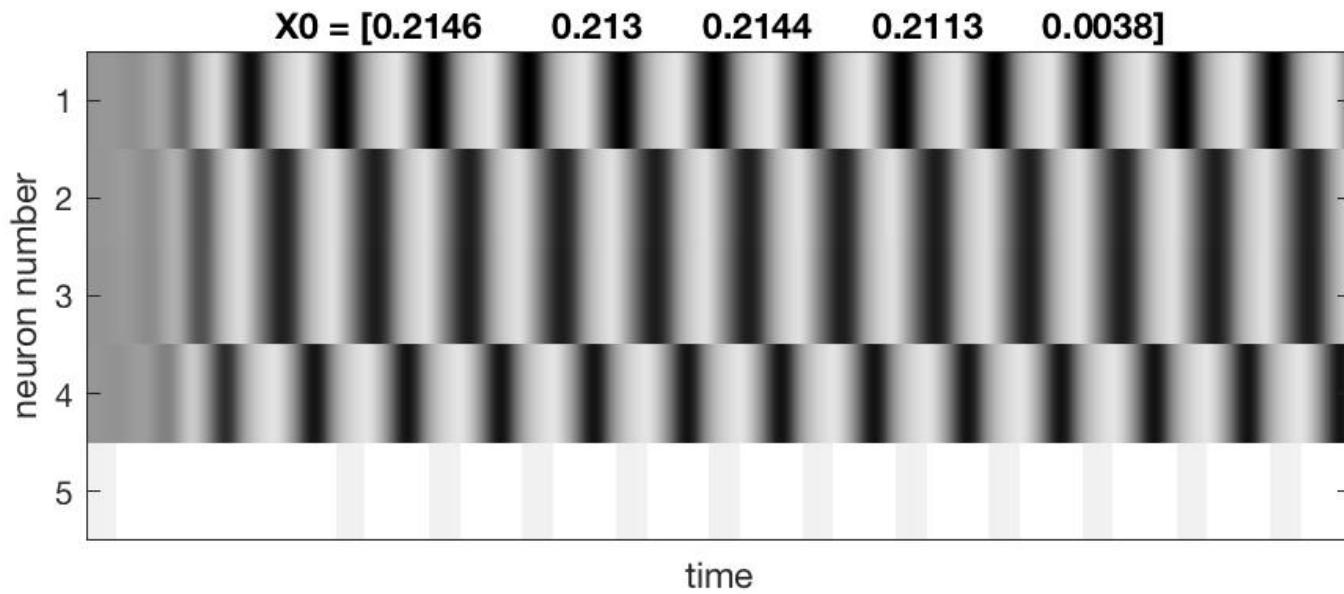
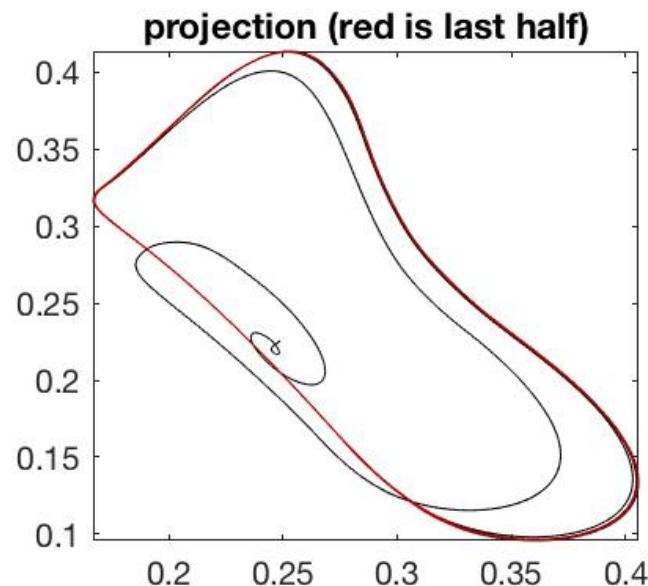
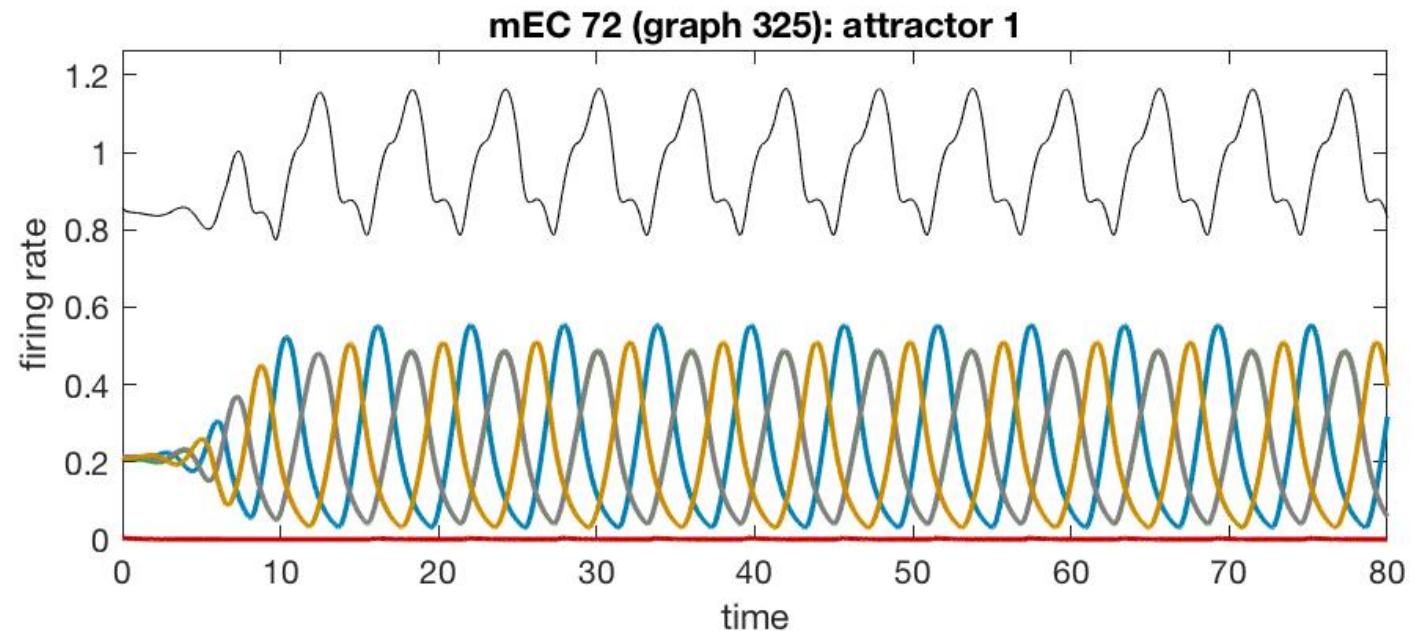
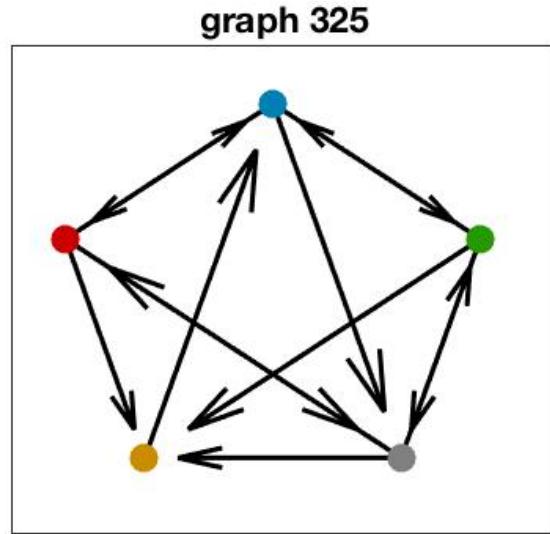
mEC 71



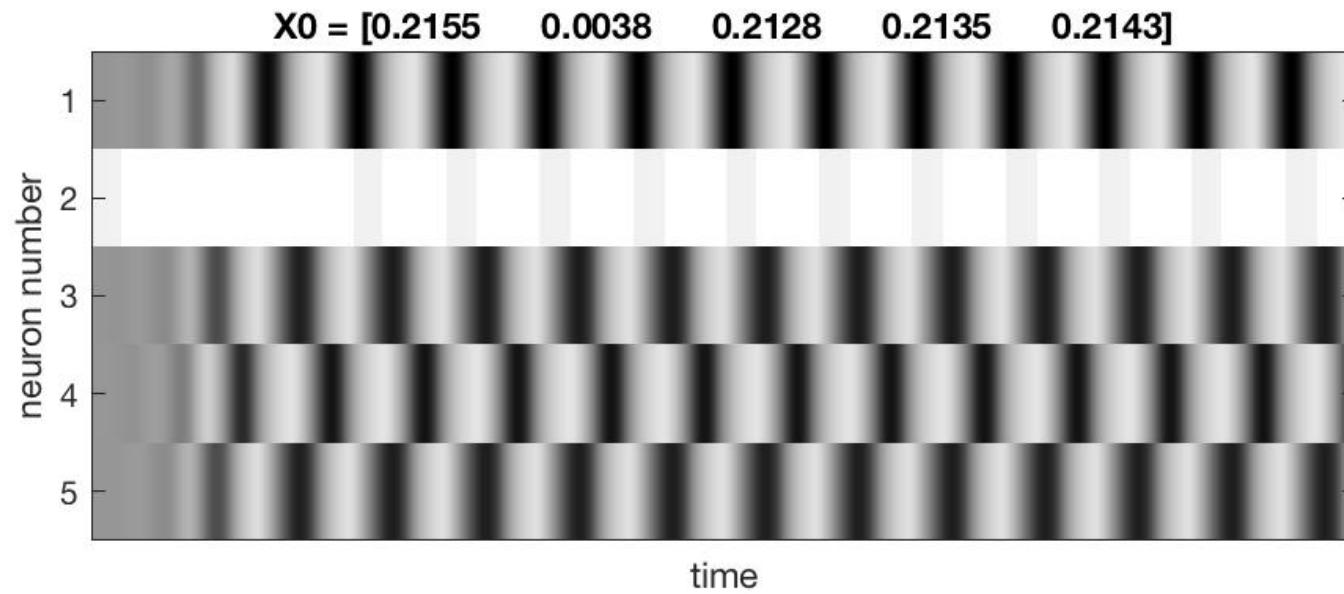
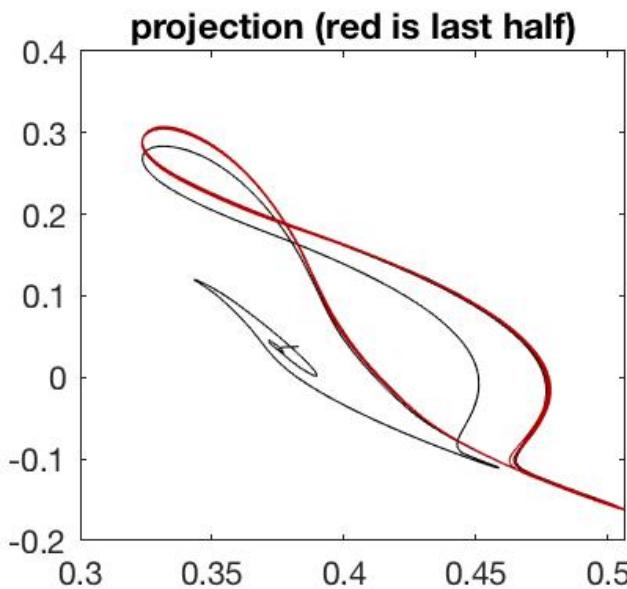
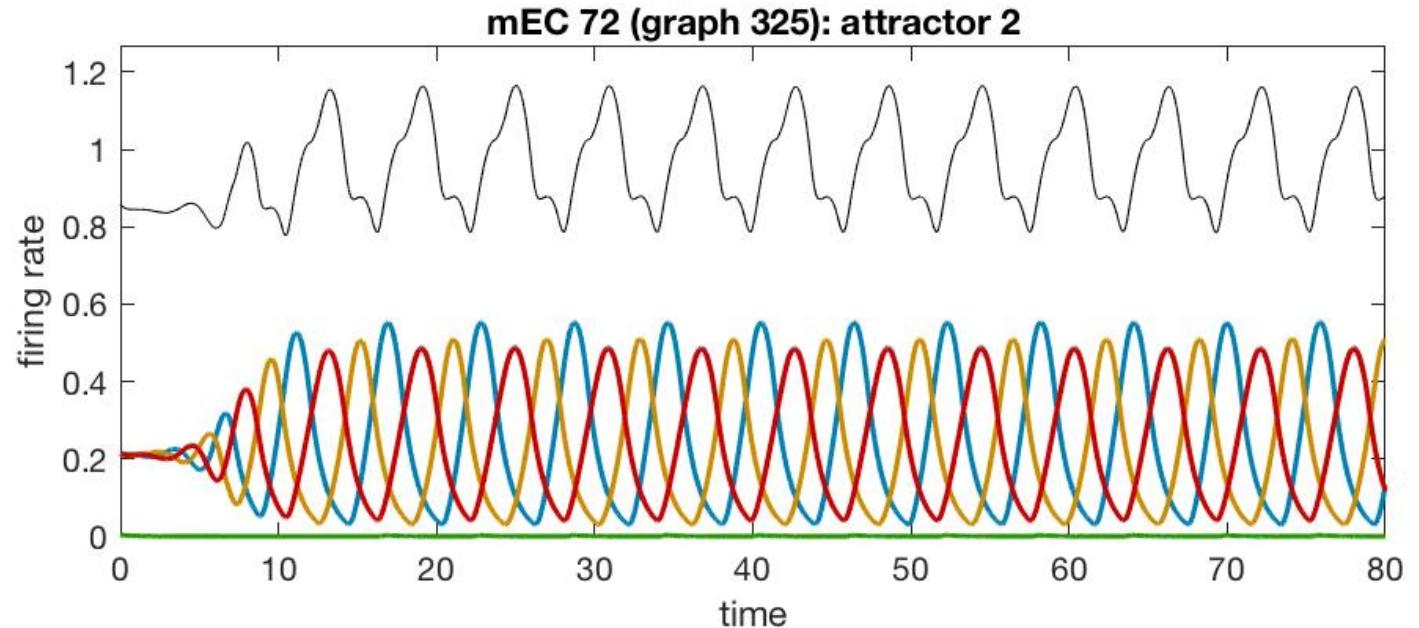
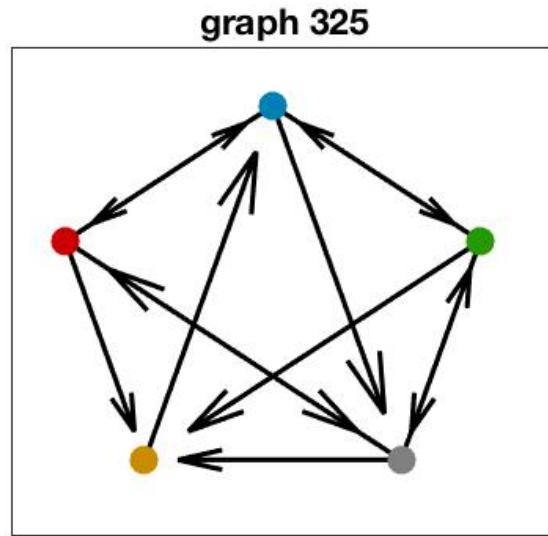
mEC 71



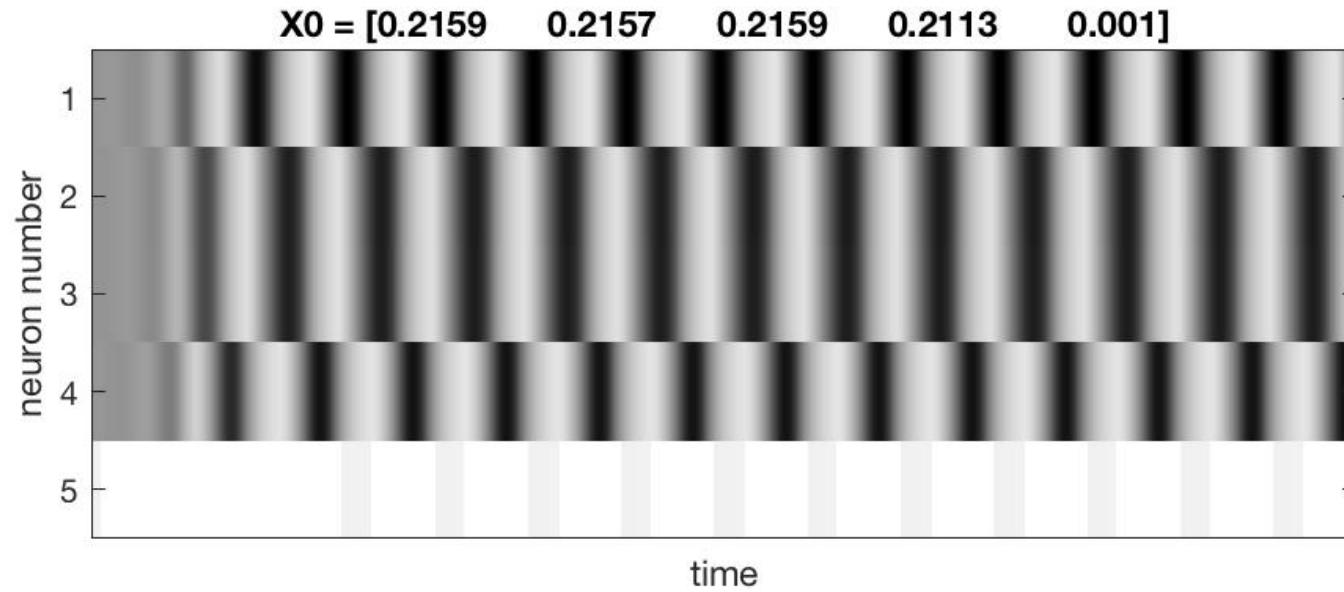
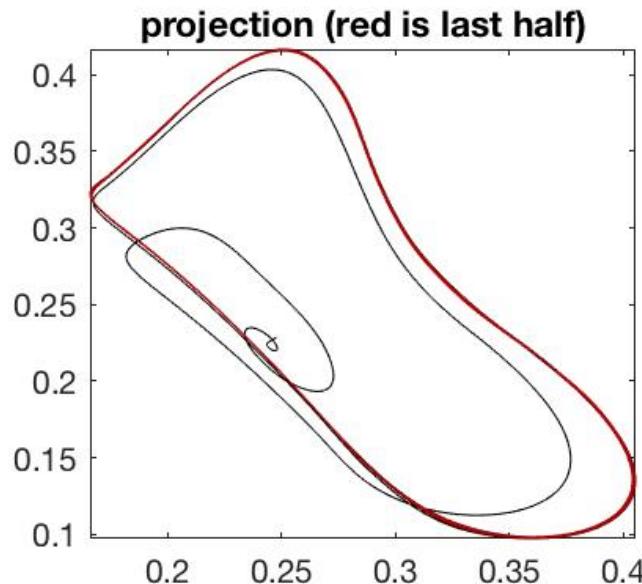
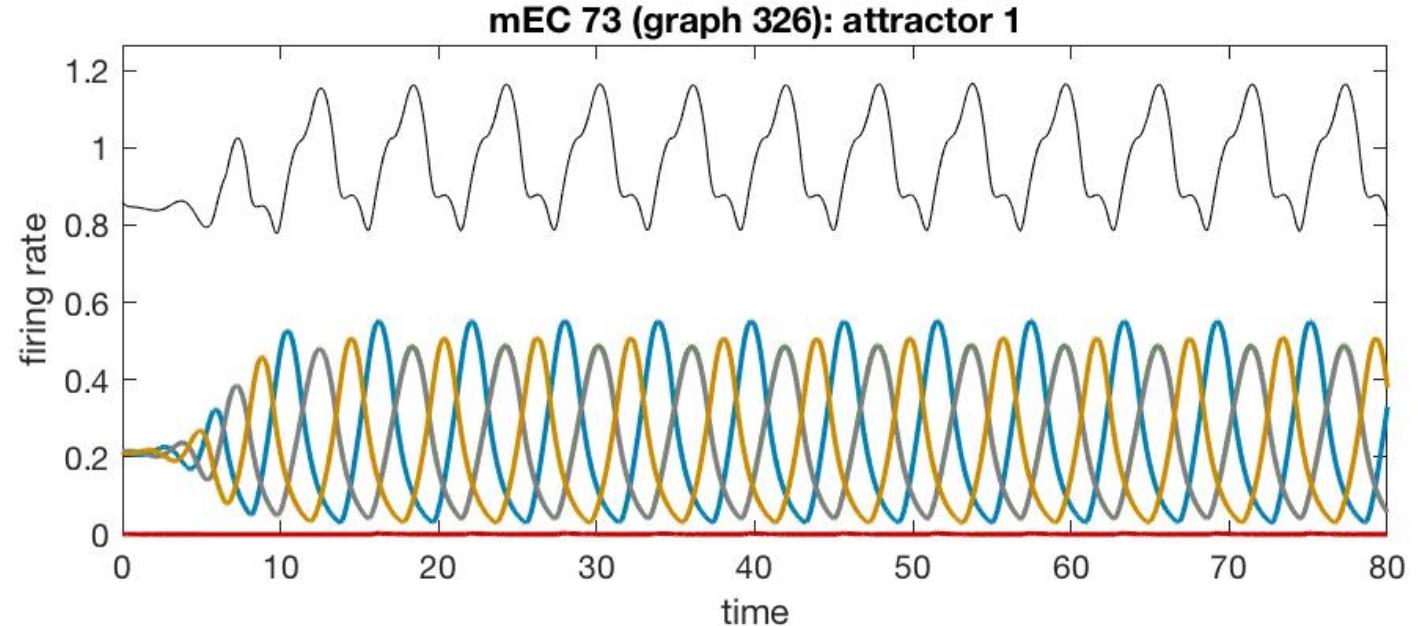
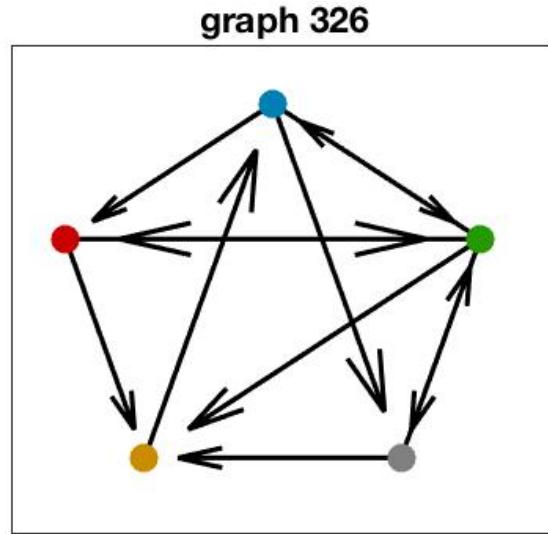
mEC 72



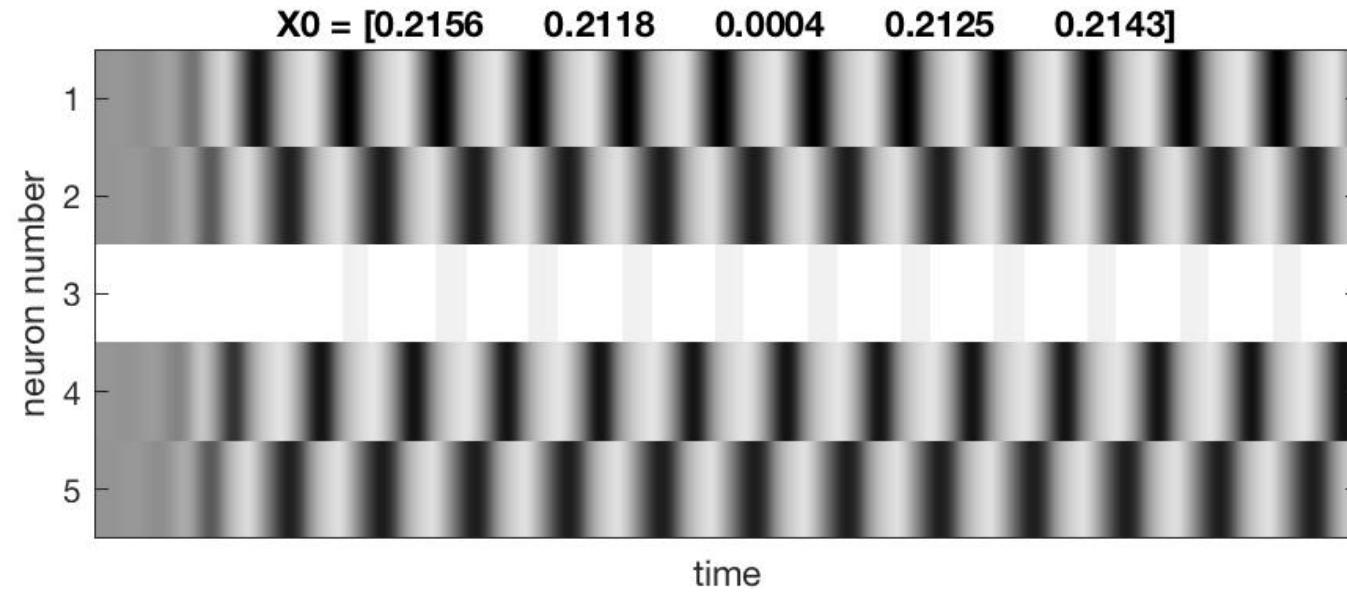
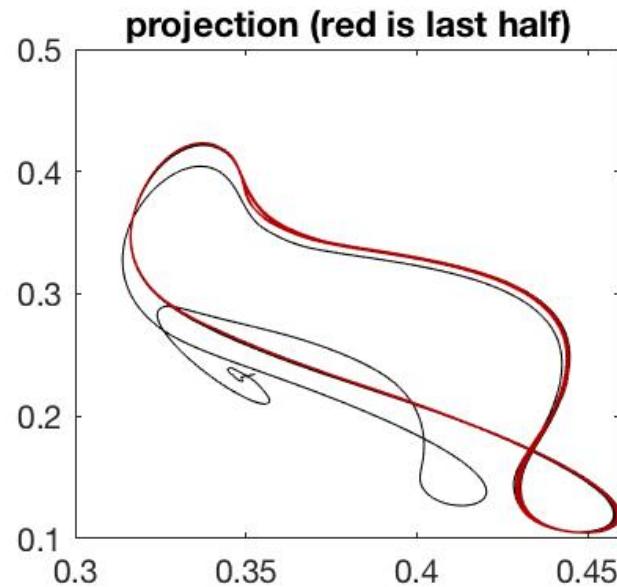
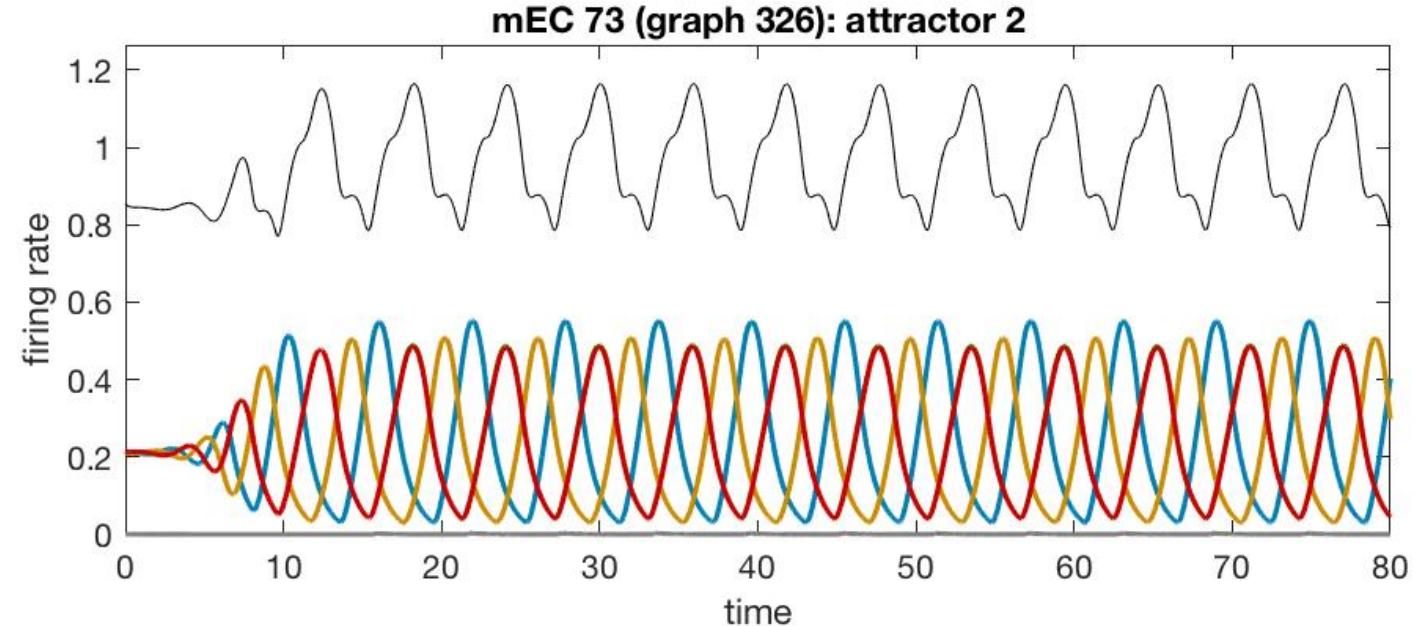
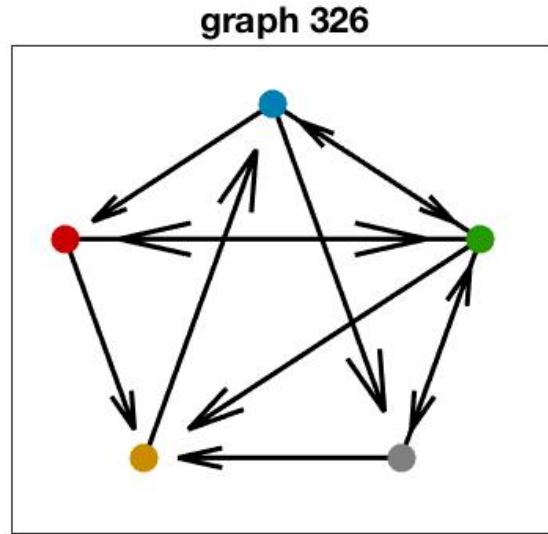
mEC 72



mEC 73

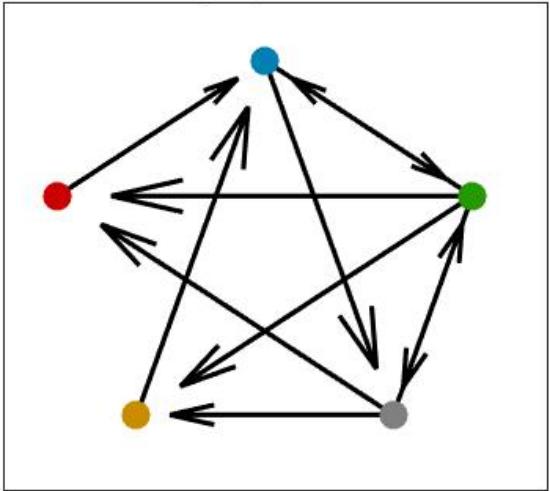


mEC 73

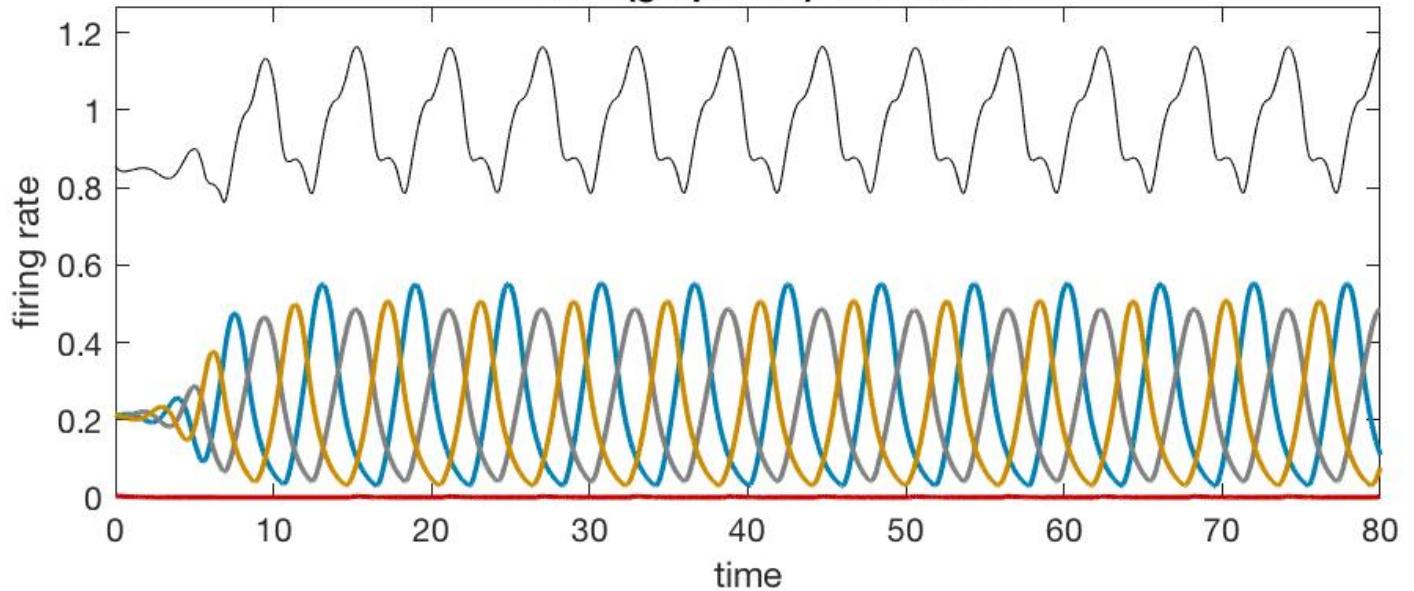


mEC 74

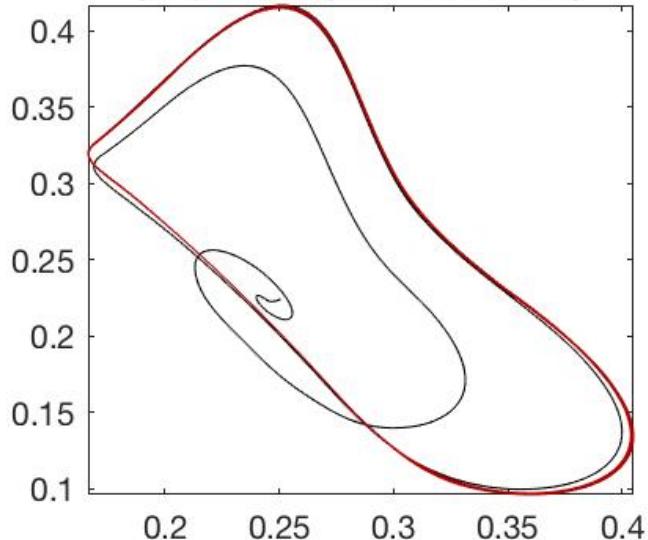
graph 327



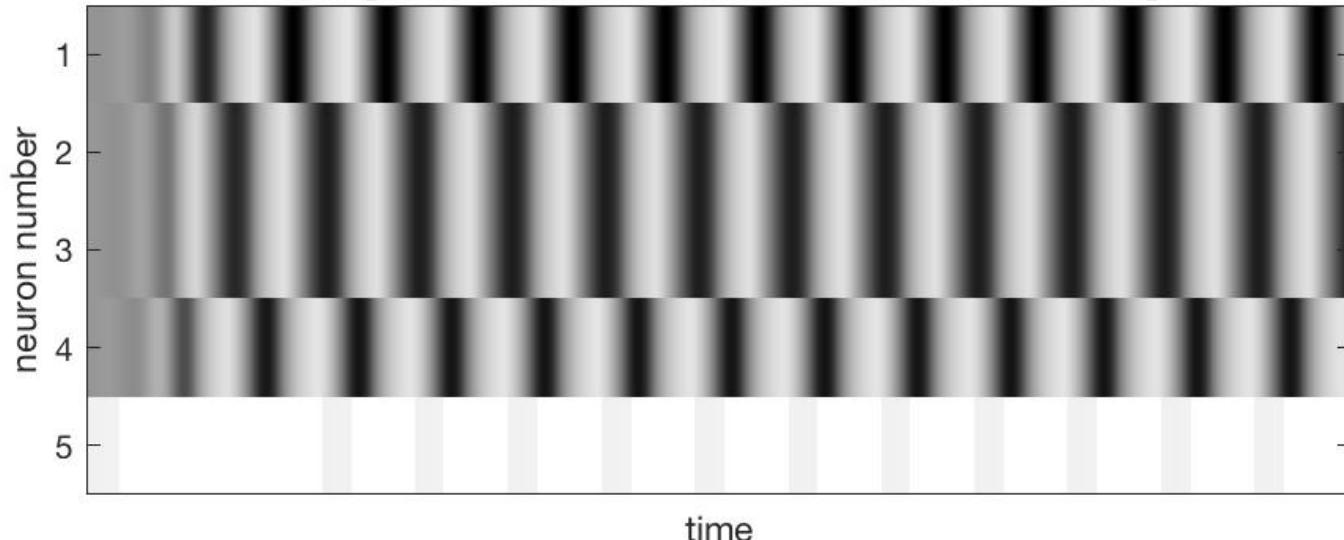
mEC 74 (graph 327): attractor 1



projection (red is last half)

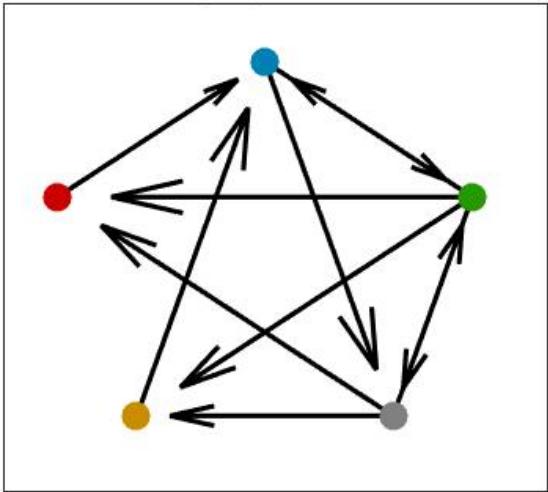


$X_0 = [0.213 \quad 0.2123 \quad 0.2121 \quad 0.2147 \quad 0.0044]$

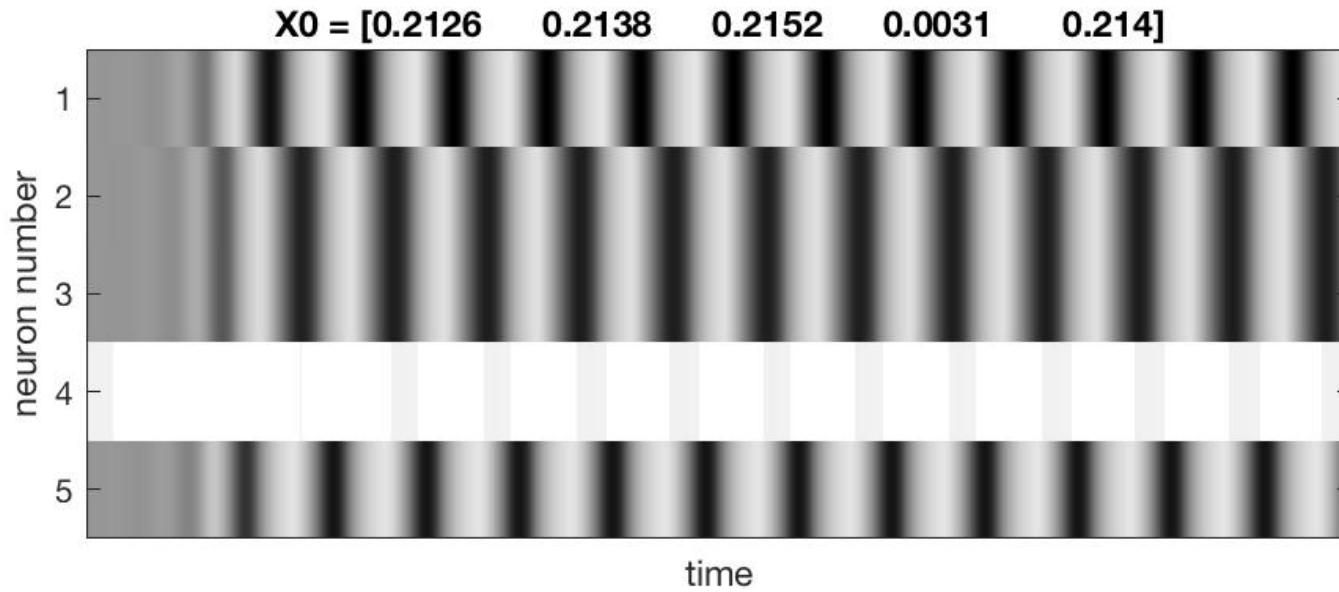
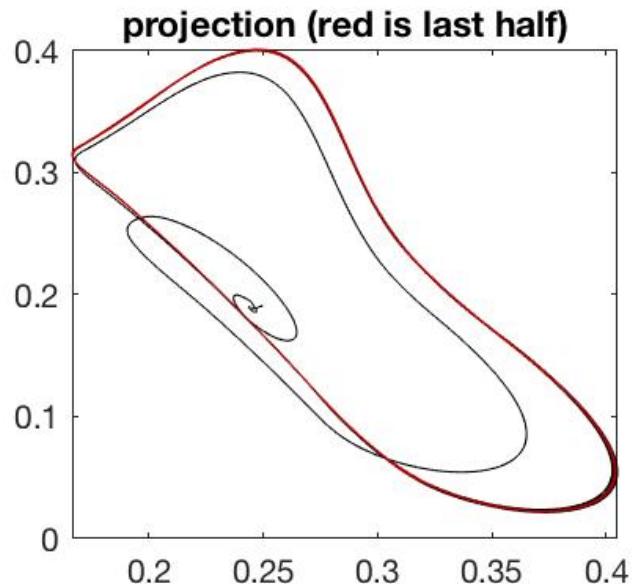
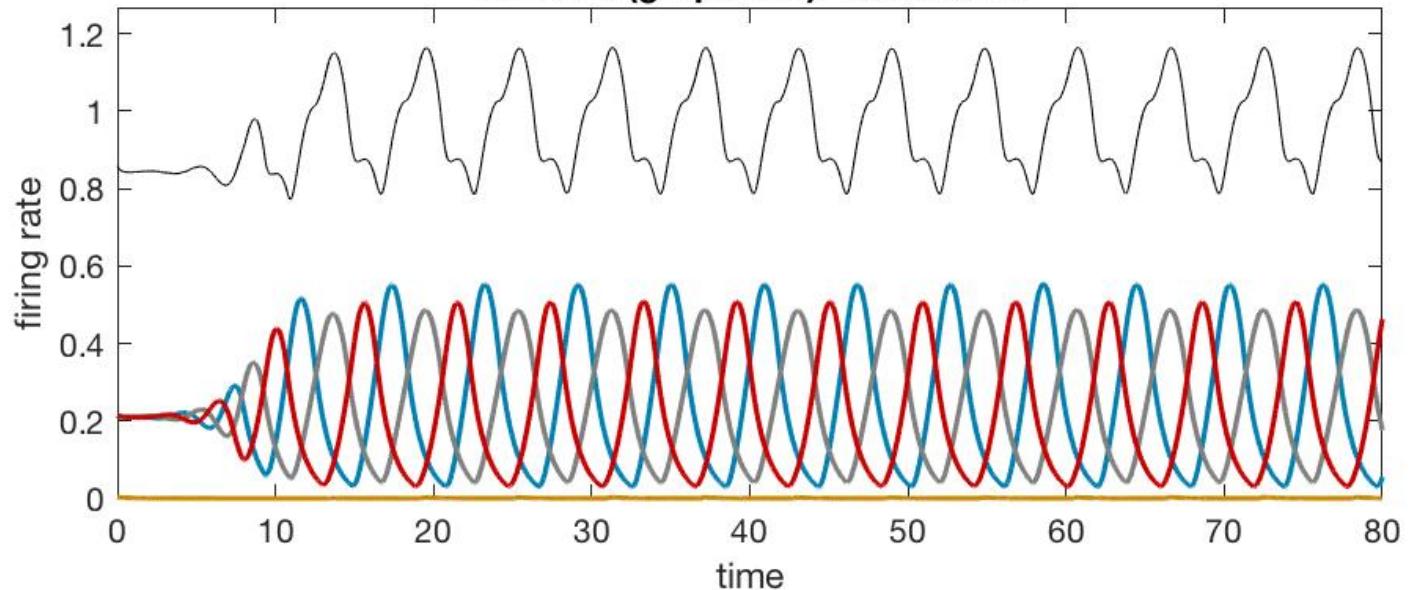


mEC 74

graph 327

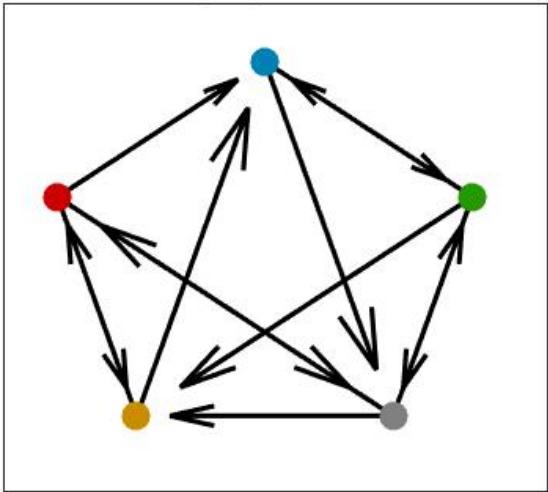


mEC 74 (graph 327): attractor 2

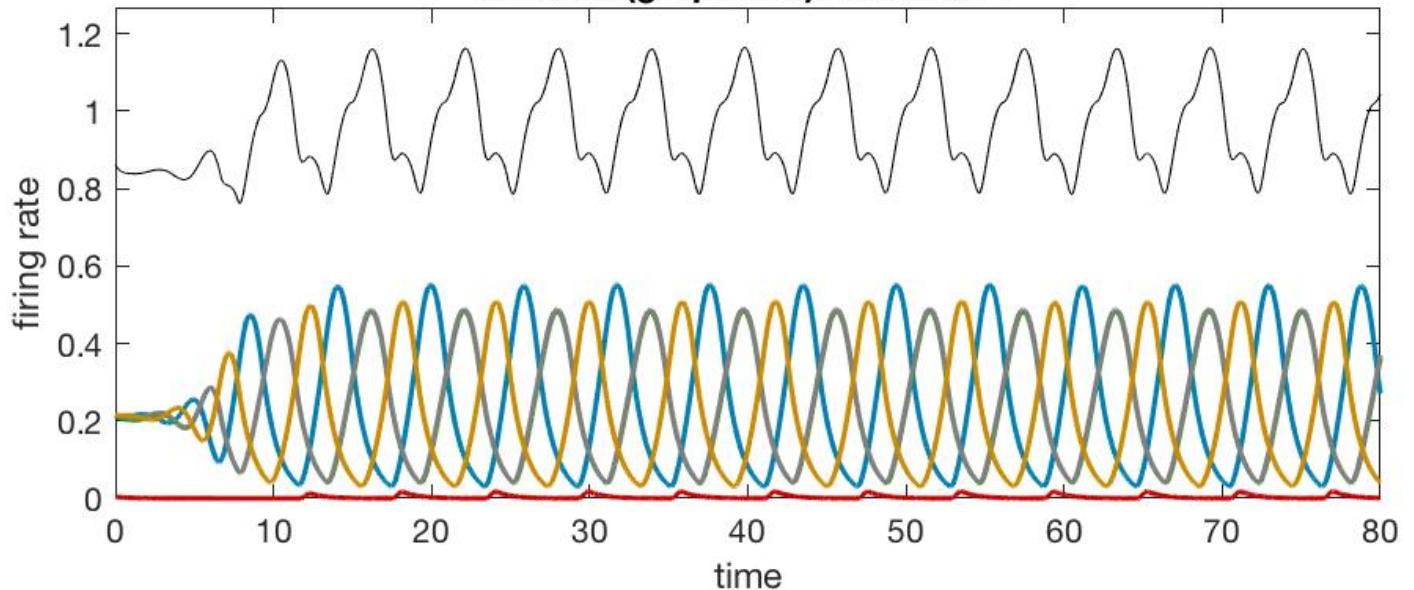


mEC 75

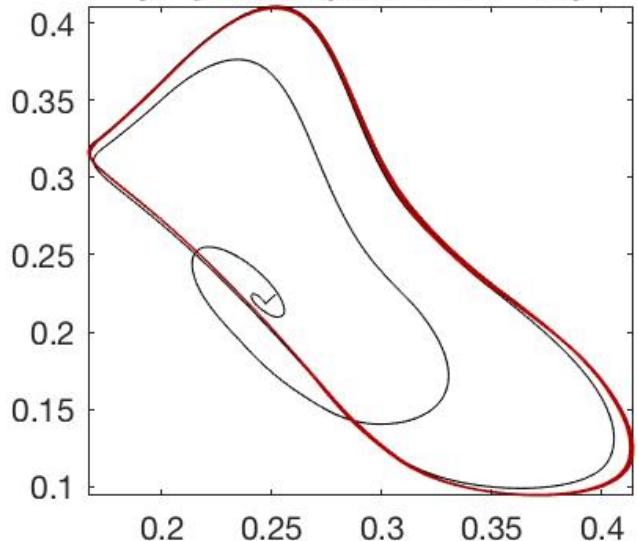
graph 328



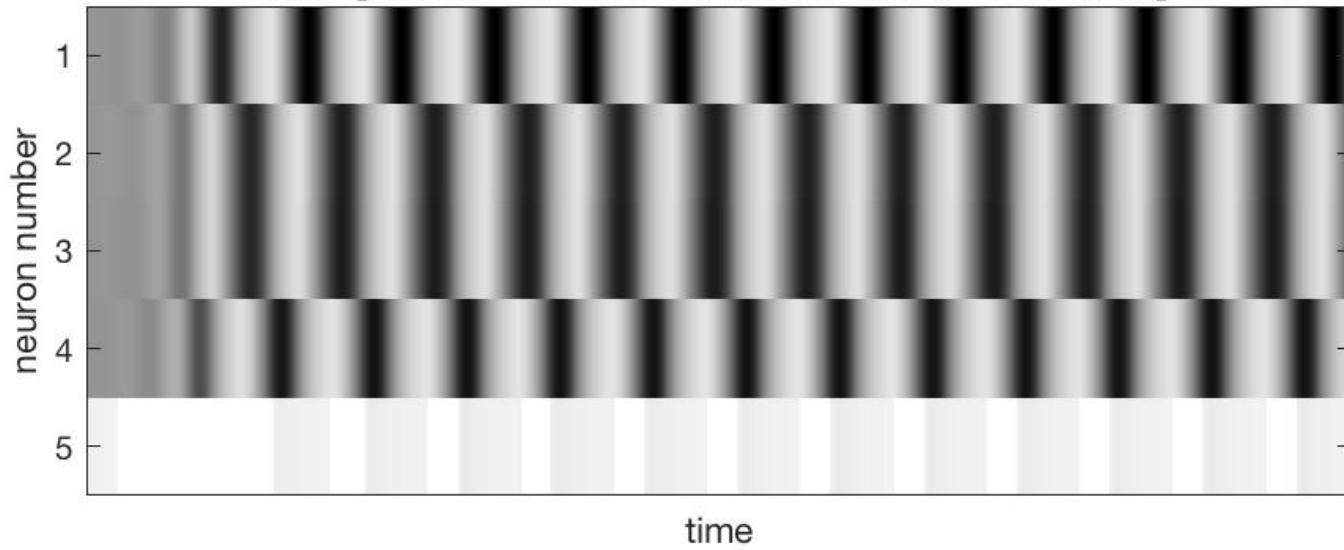
mEC 75 (graph 328): attractor 1



projection (red is last half)

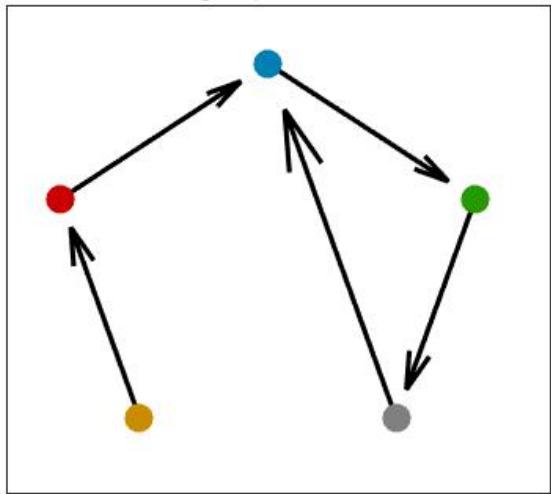


$X_0 = [0.2129 \quad 0.2136 \quad 0.2159 \quad 0.2158 \quad 0.0041]$

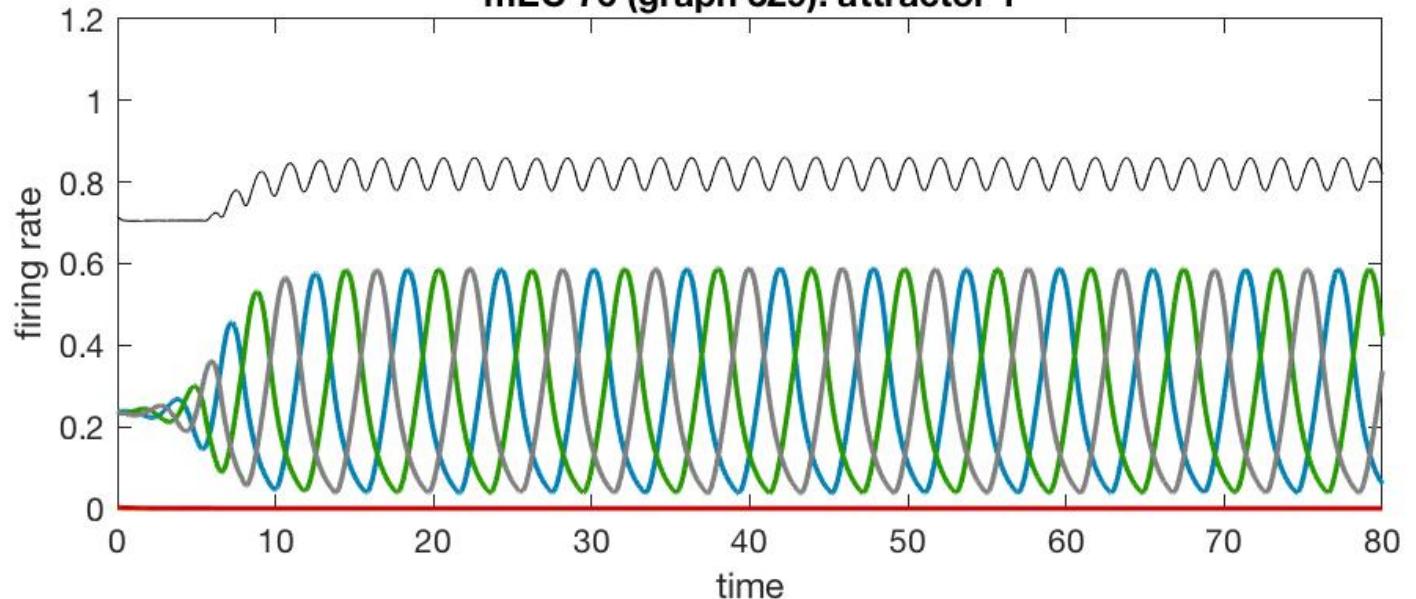


mEC 76

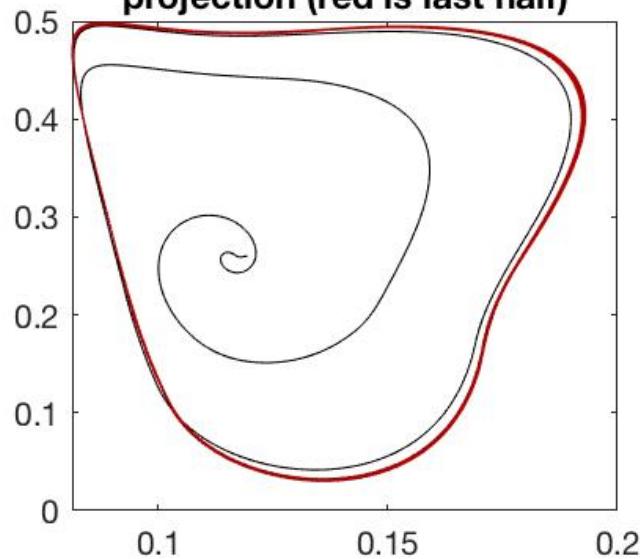
graph 329



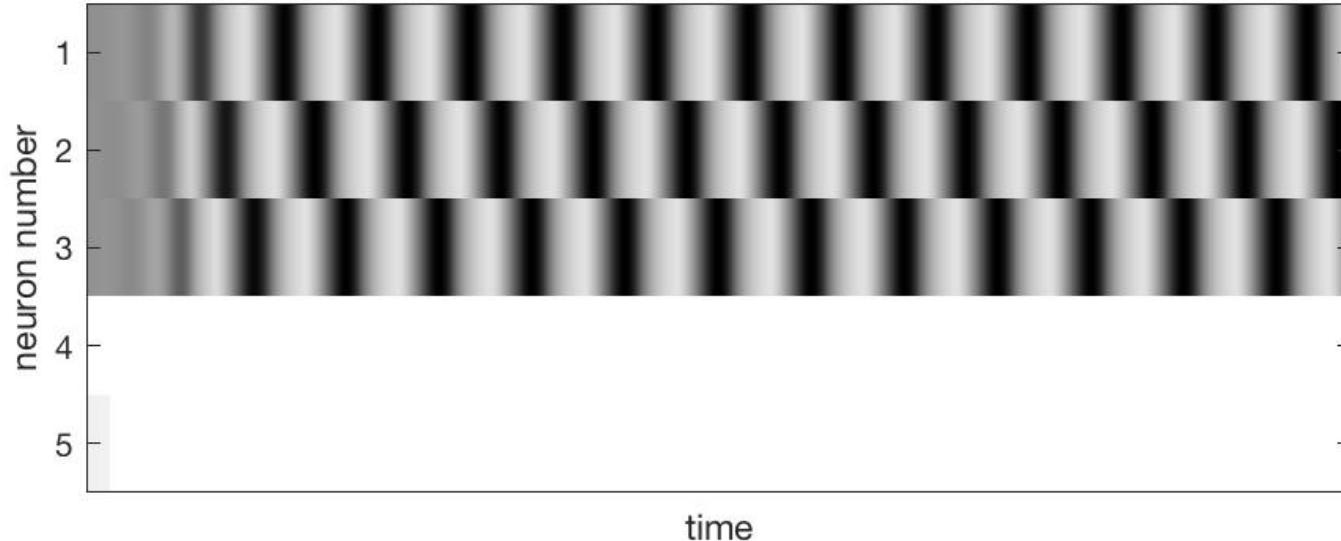
mEC 76 (graph 329): attractor 1



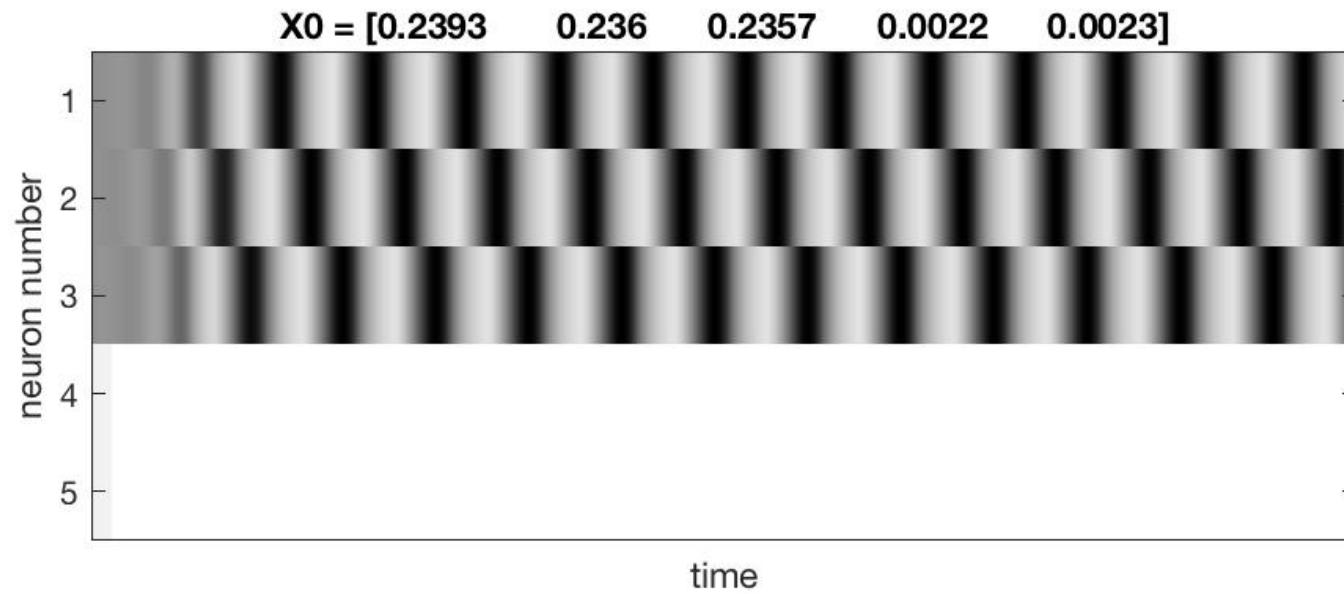
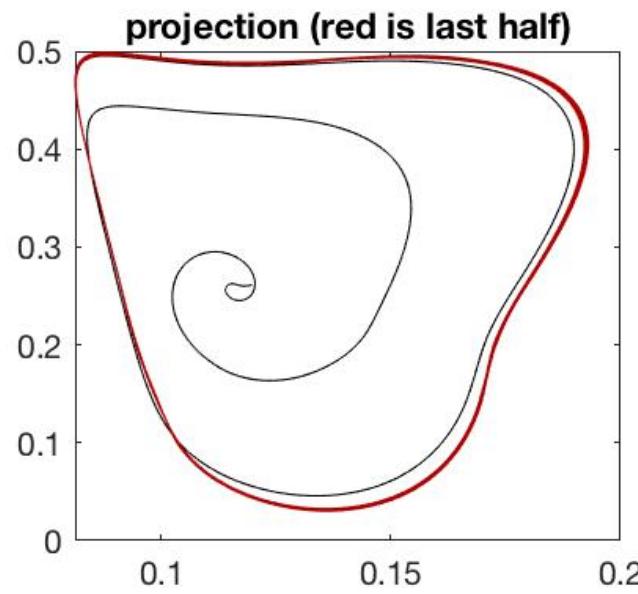
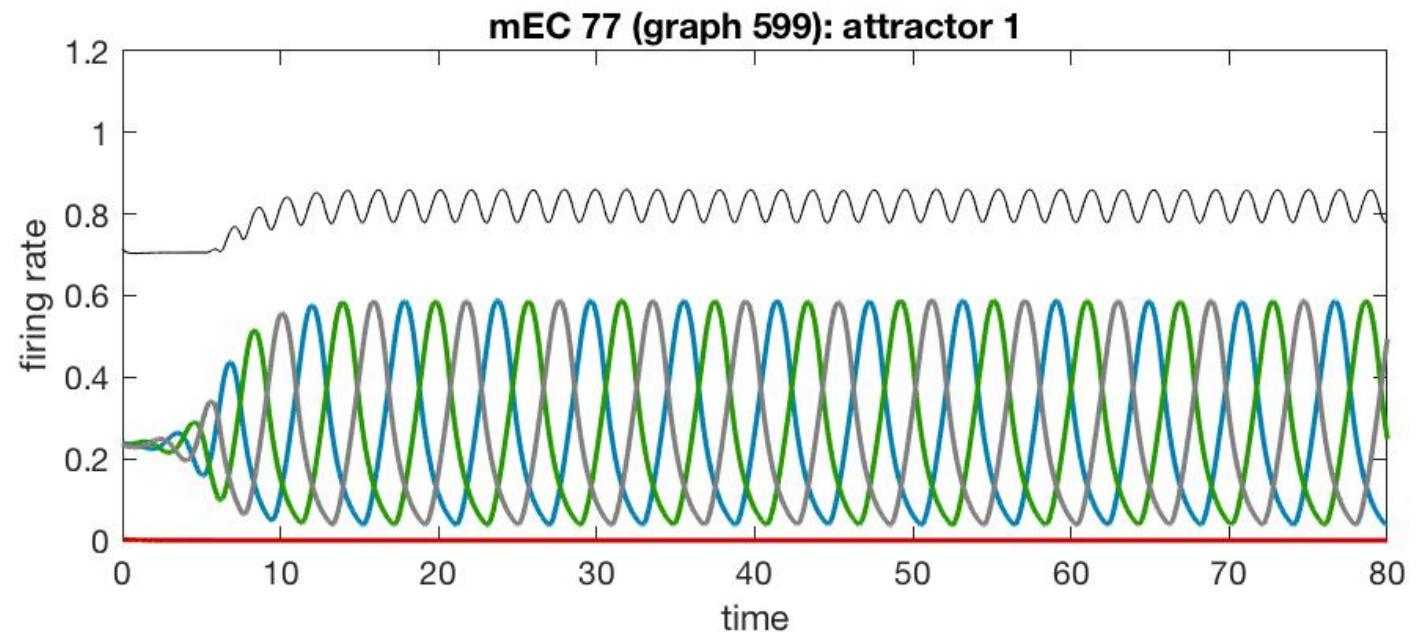
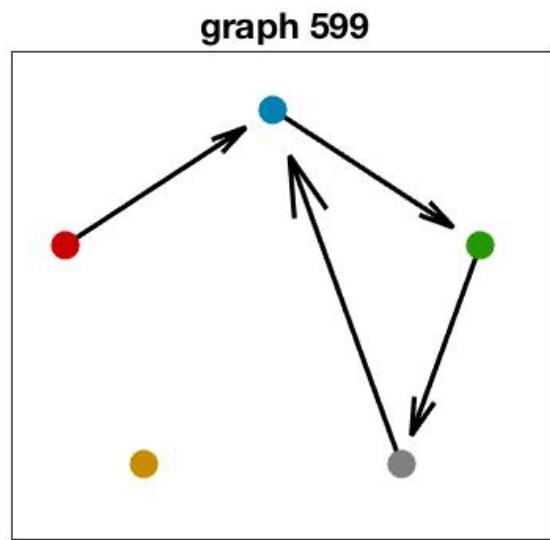
projection (red is last half)



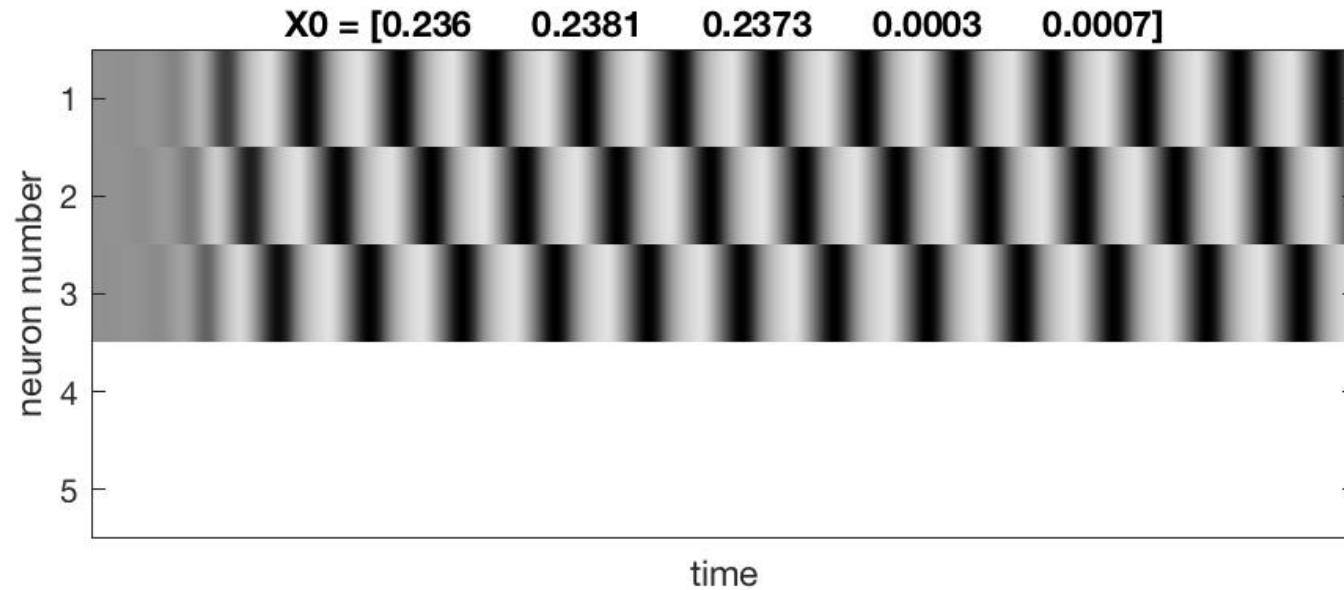
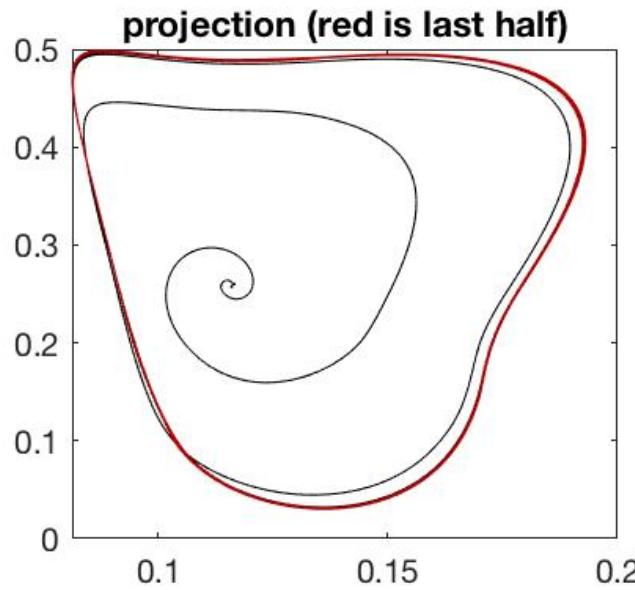
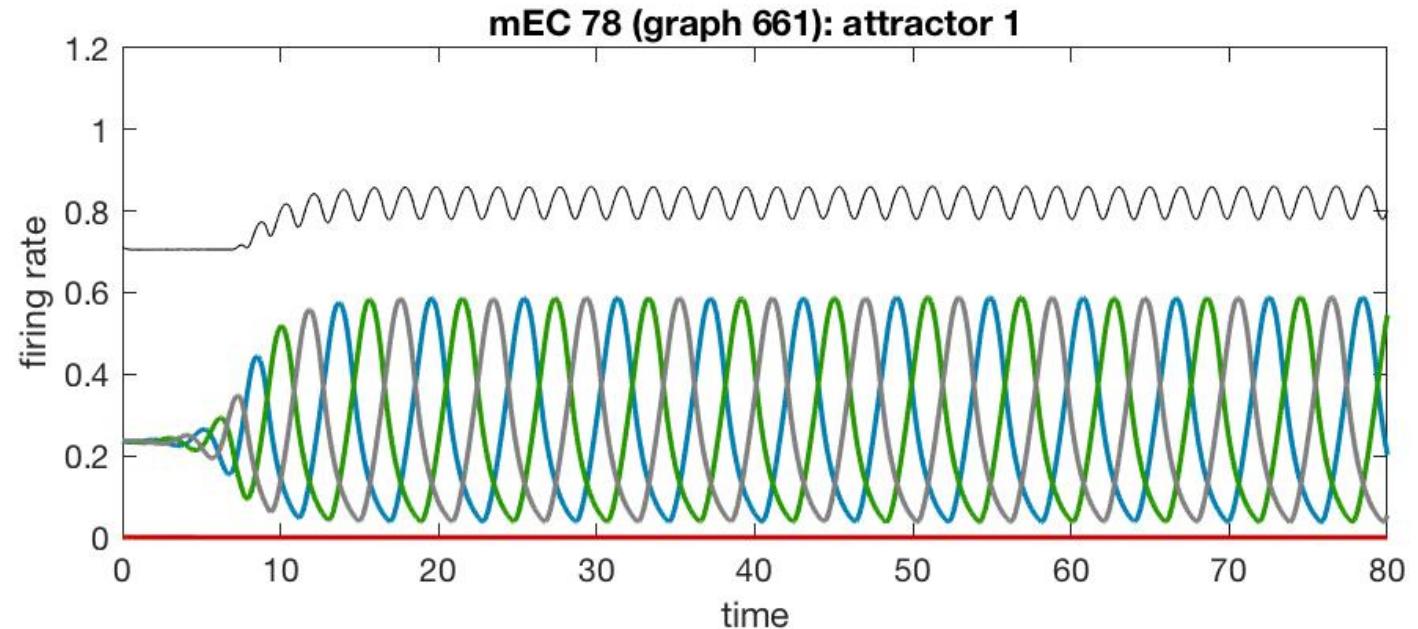
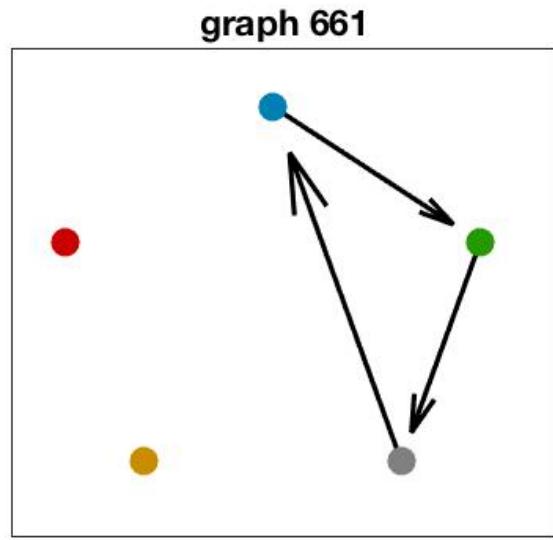
$X_0 = [0.2388 \quad 0.2364 \quad 0.2385 \quad 0.0006 \quad 0.0028]$



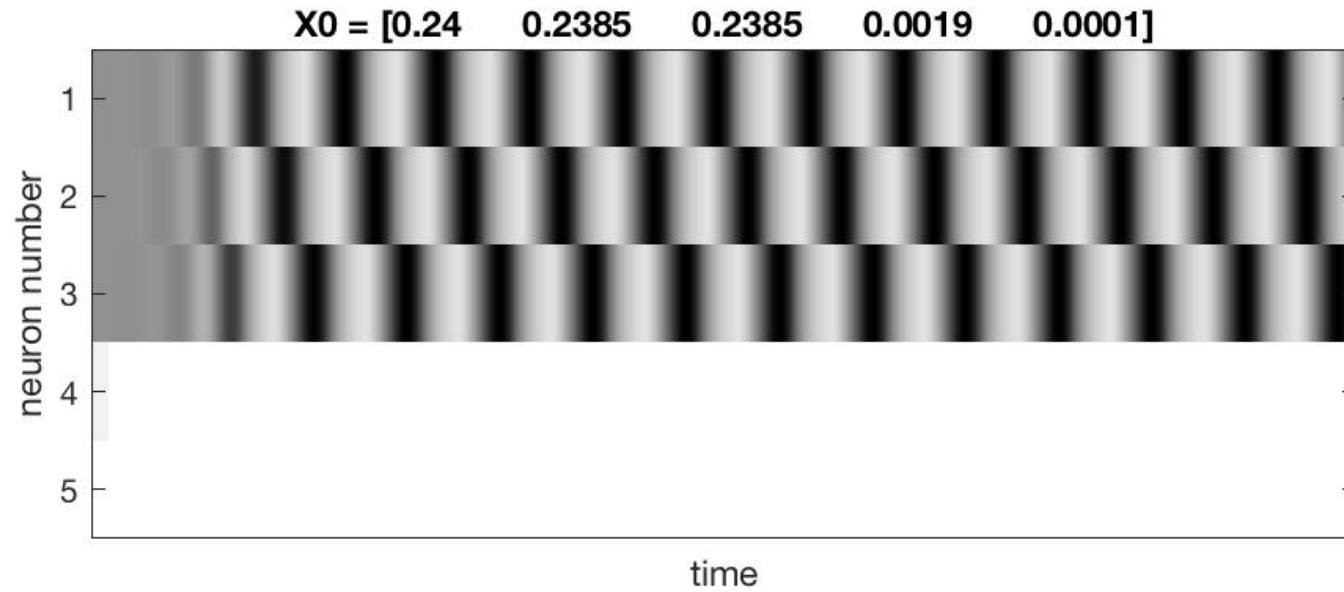
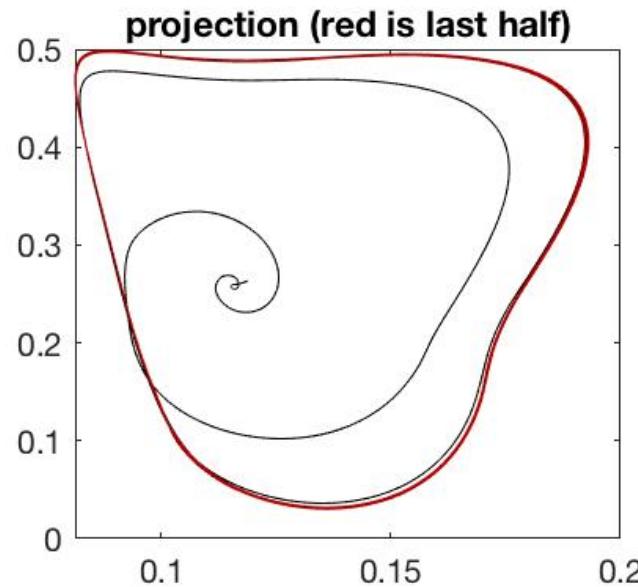
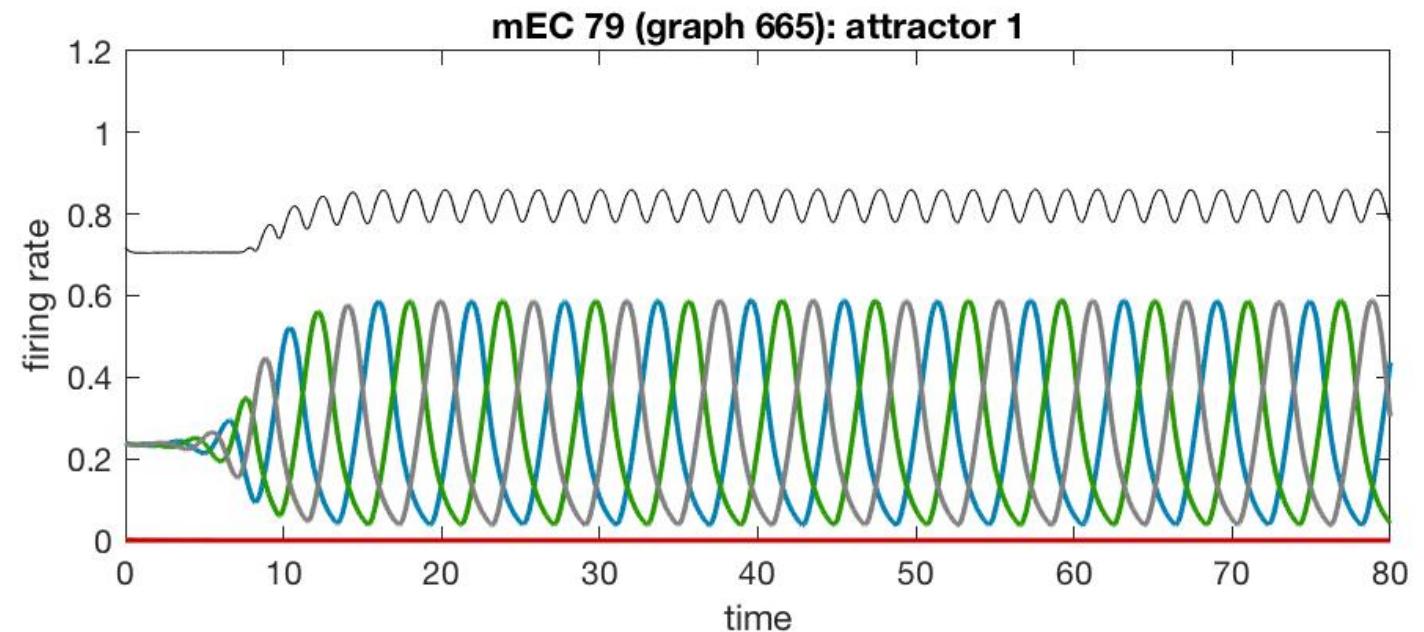
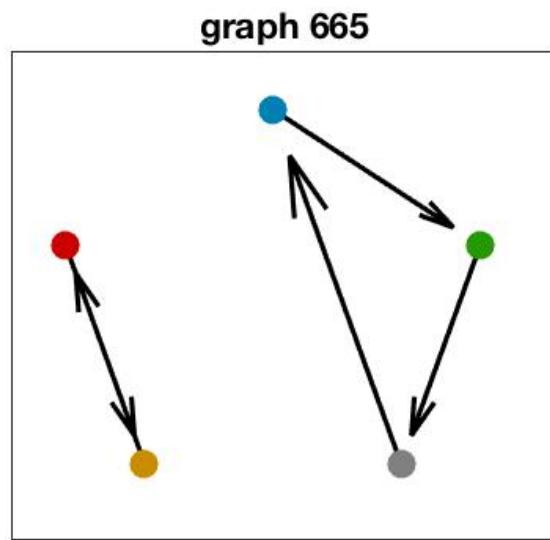
mEC 77



mEC 78

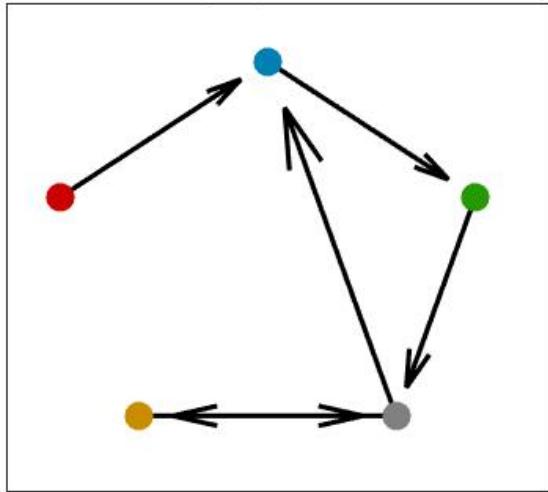


mEC 79

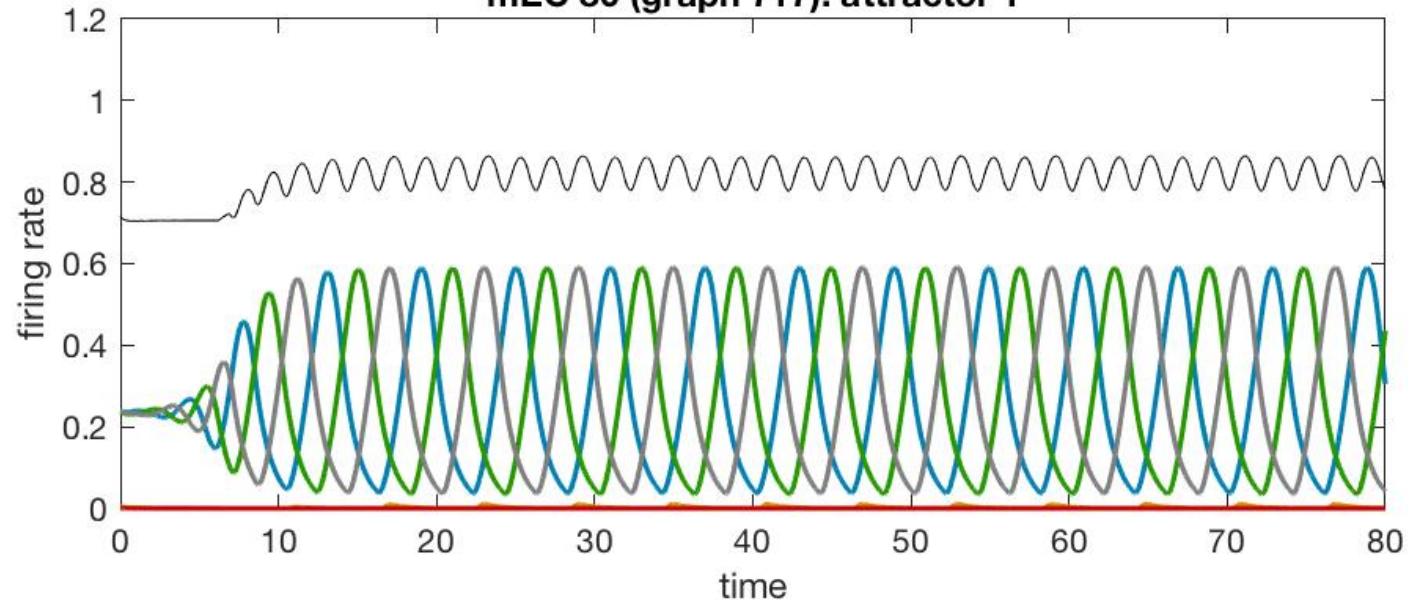


mEC 80

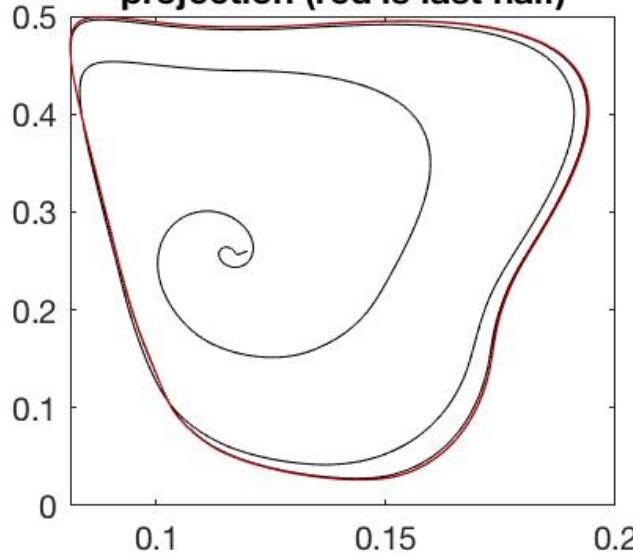
graph 717



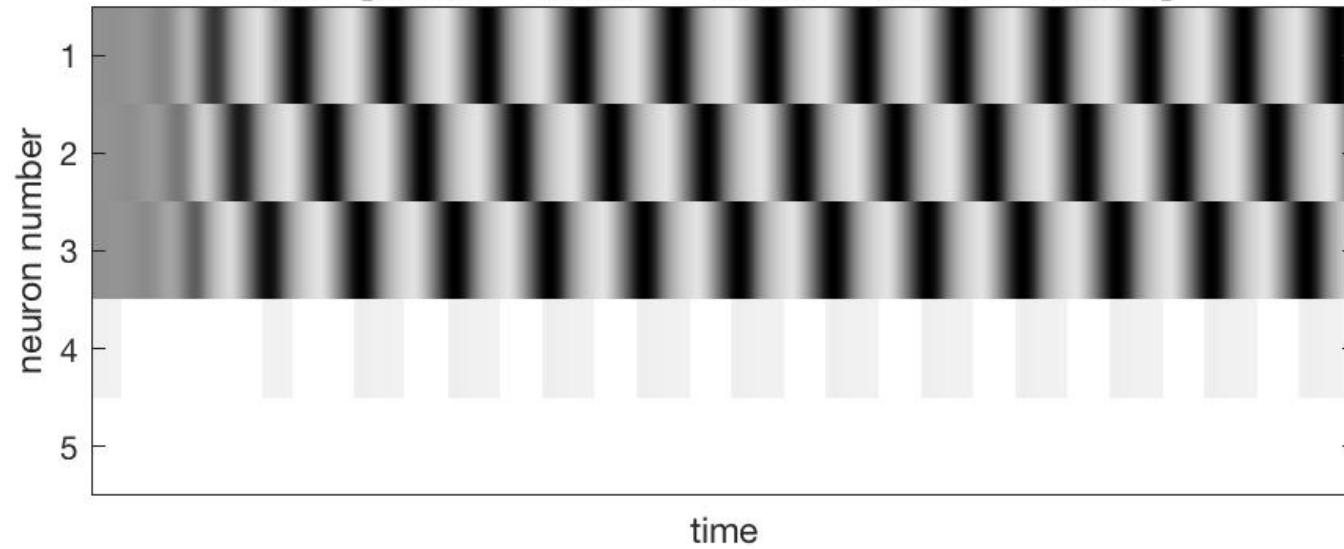
mEC 80 (graph 717): attractor 1



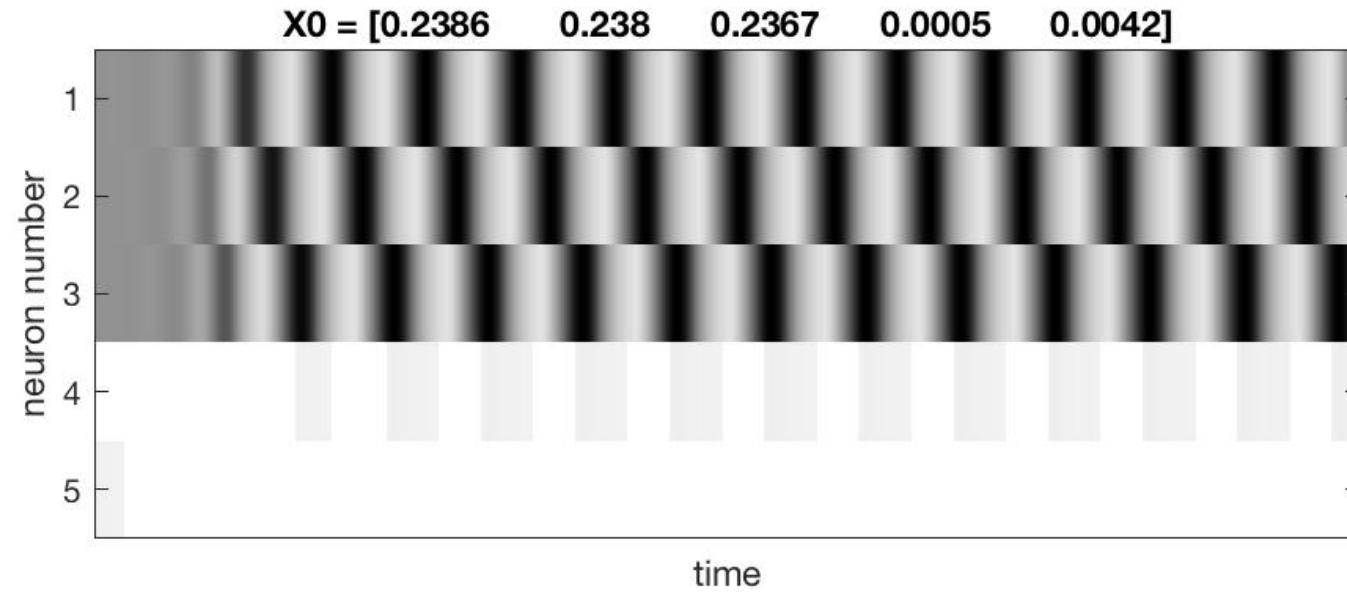
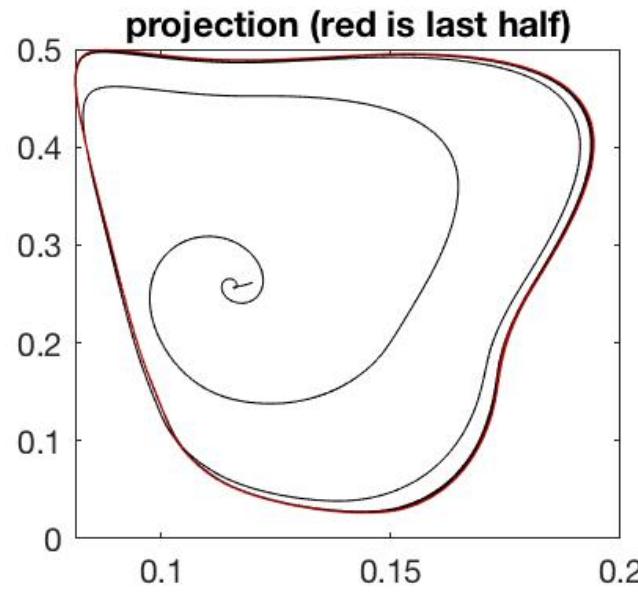
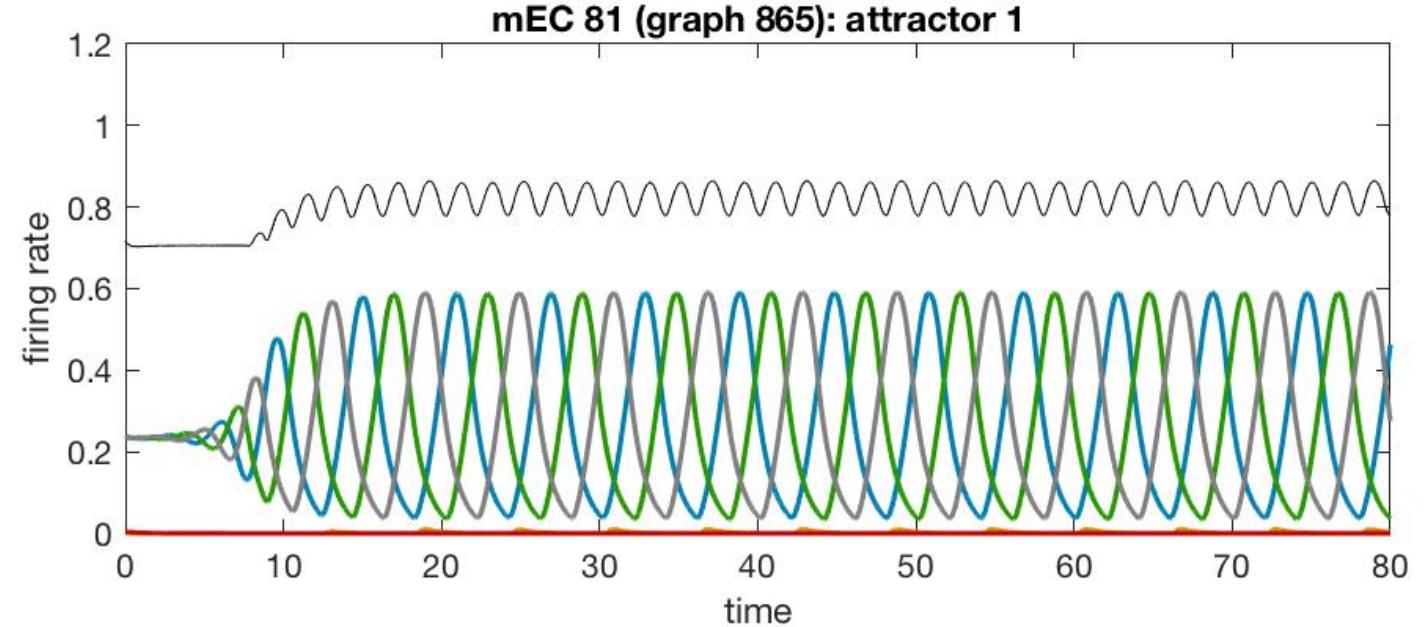
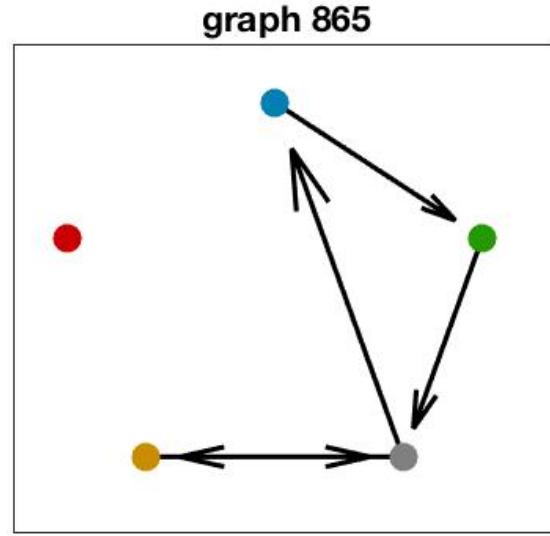
projection (red is last half)



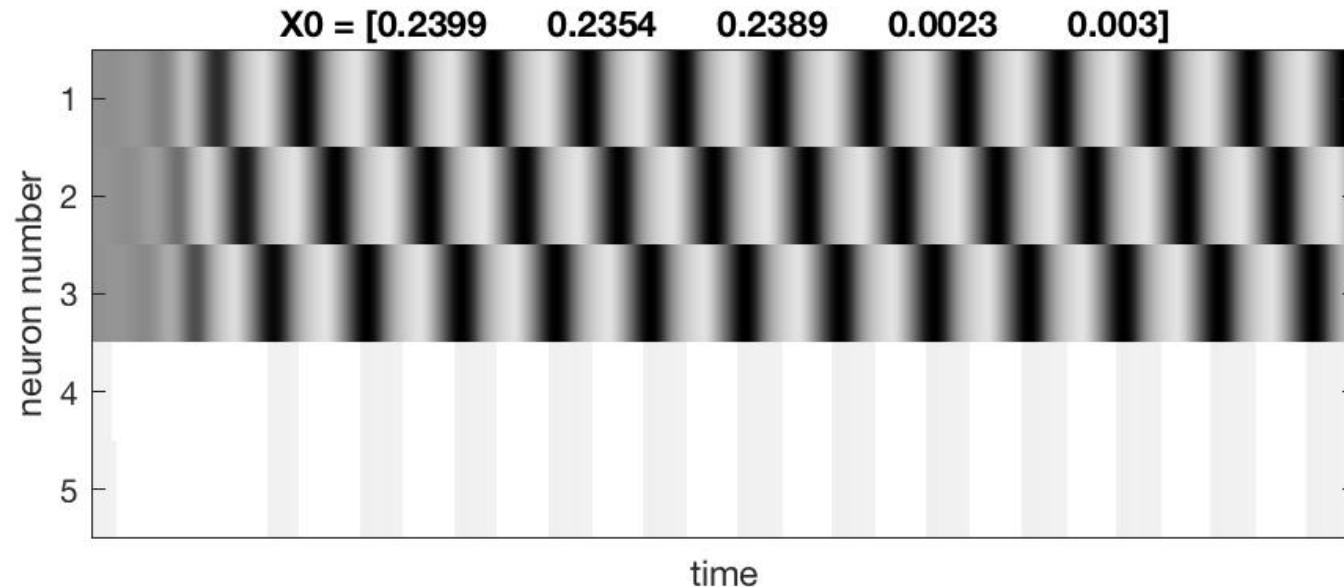
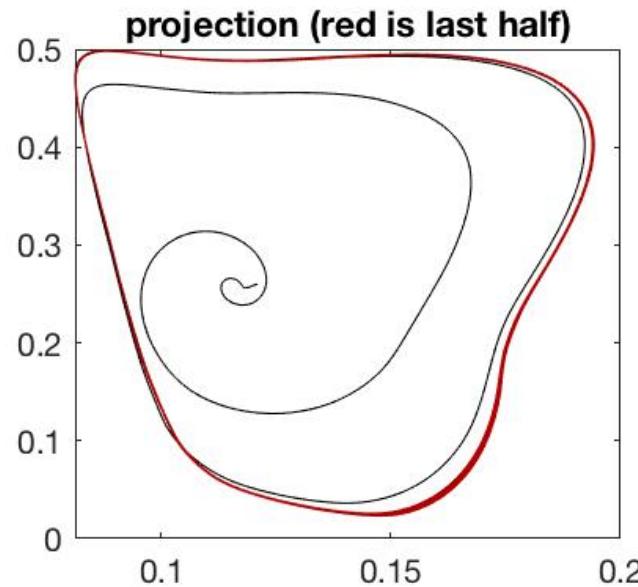
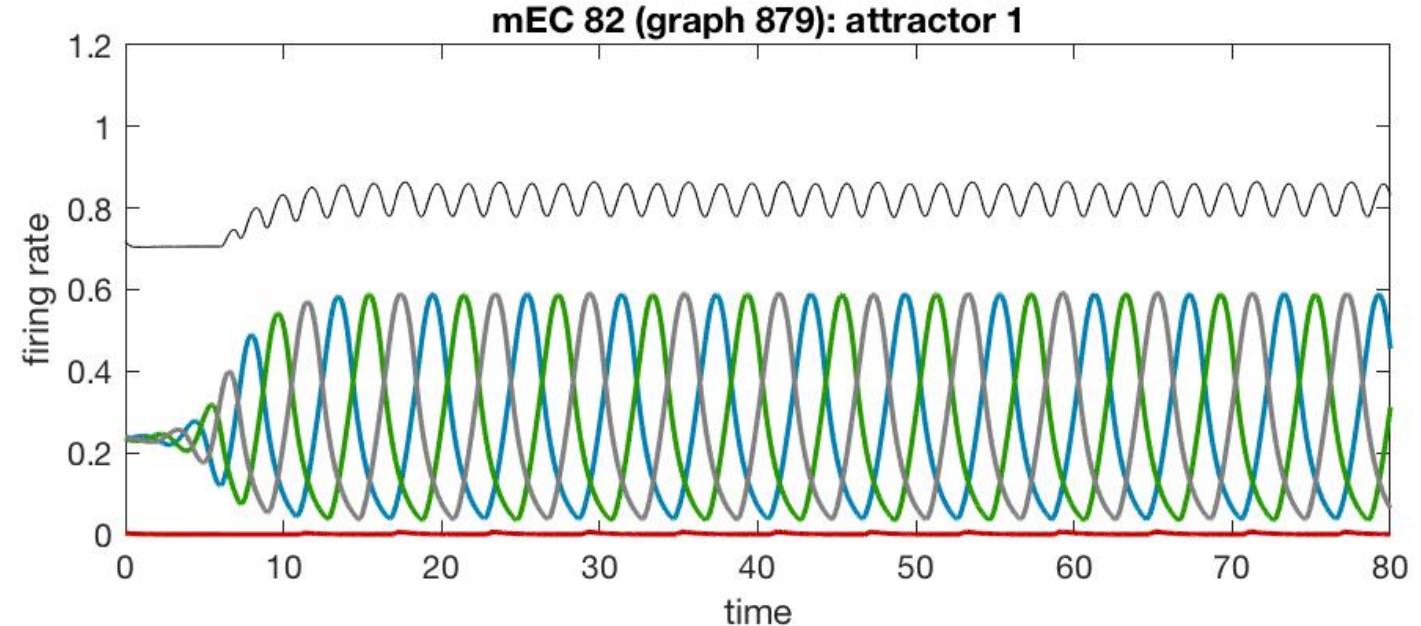
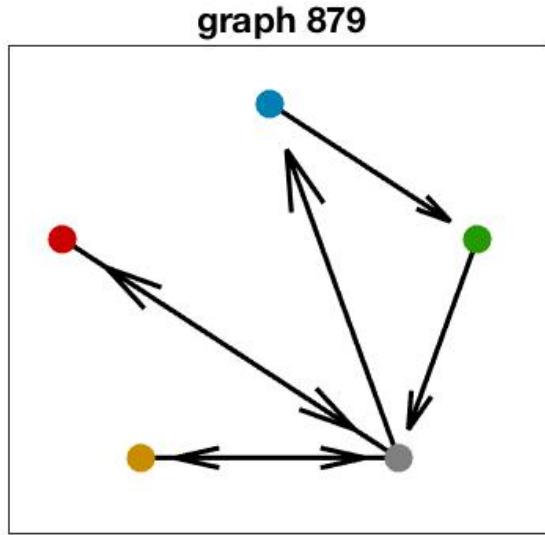
$X_0 = [0.2383 \quad 0.2357 \quad 0.2378 \quad 0.0039 \quad 0.0007]$



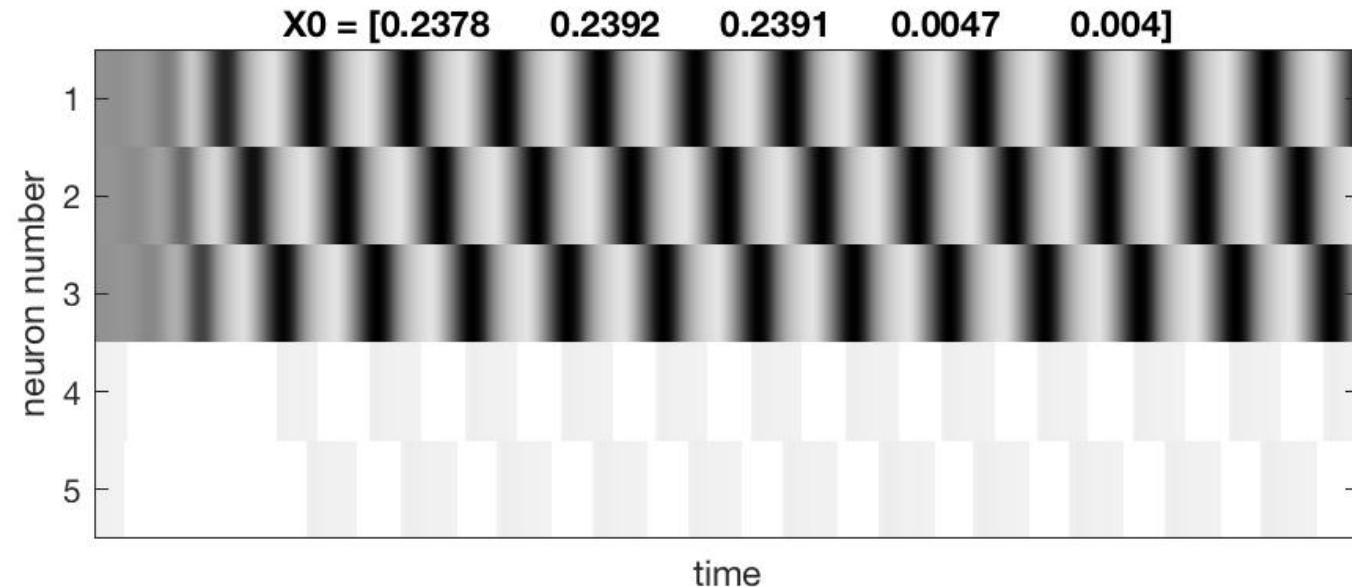
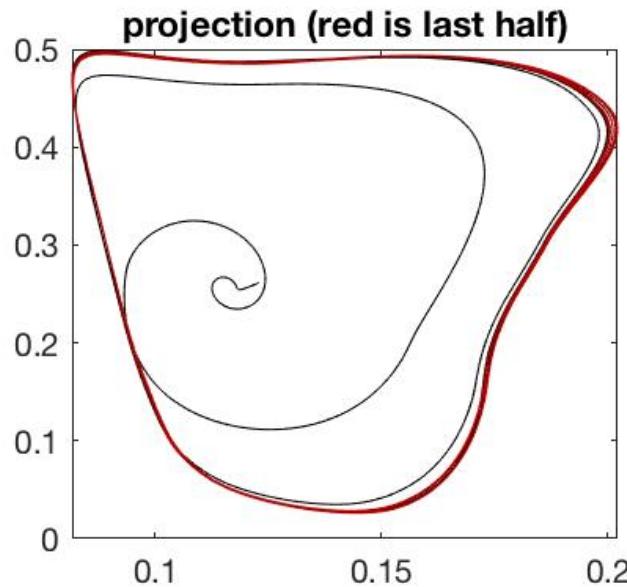
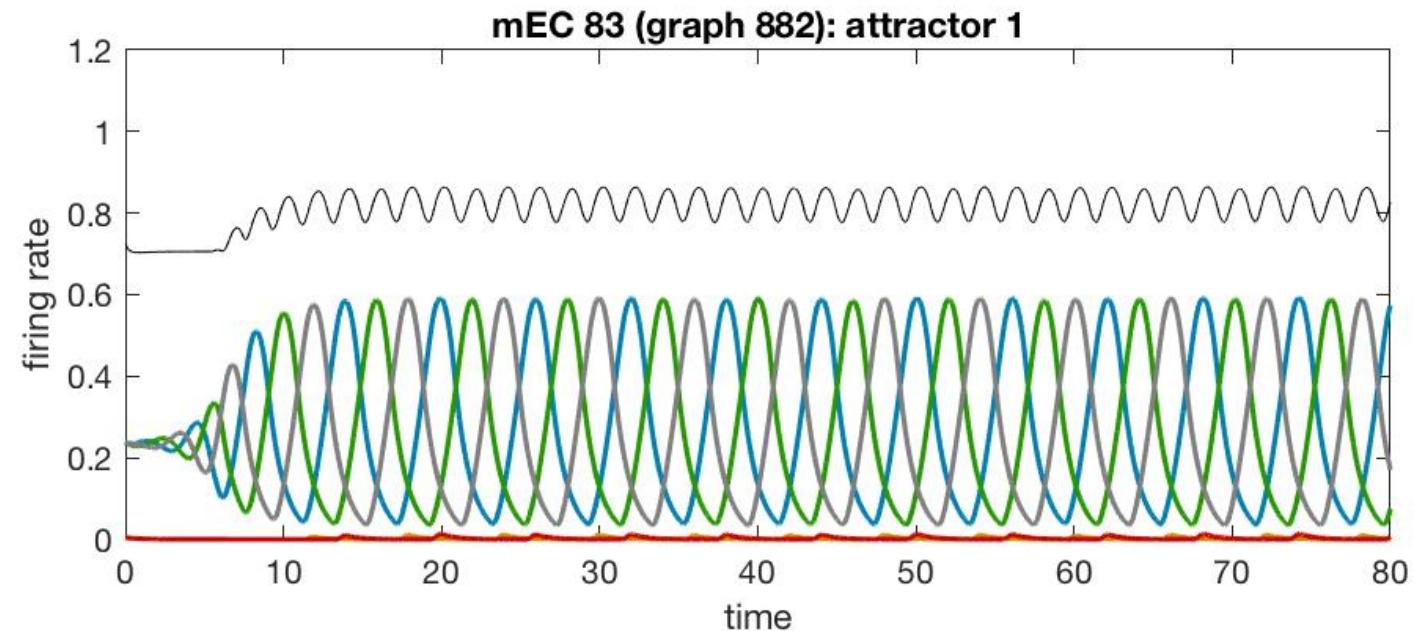
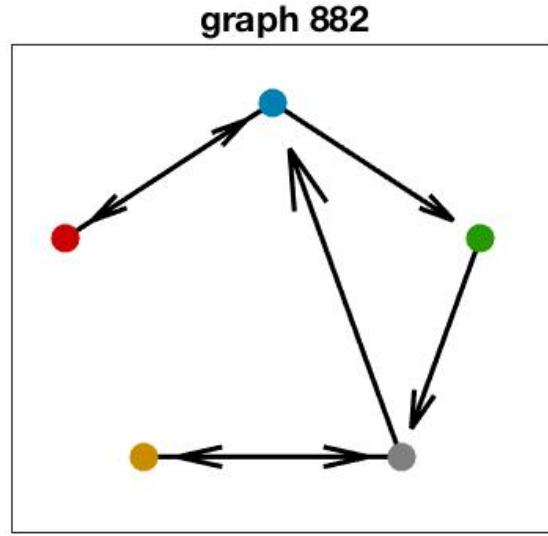
mEC 81



mEC 82

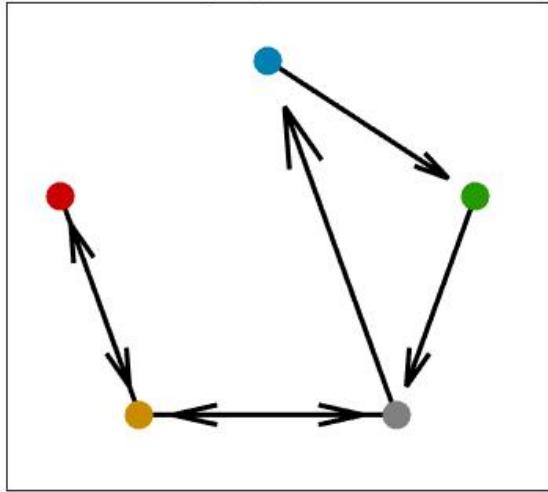


mEC 83

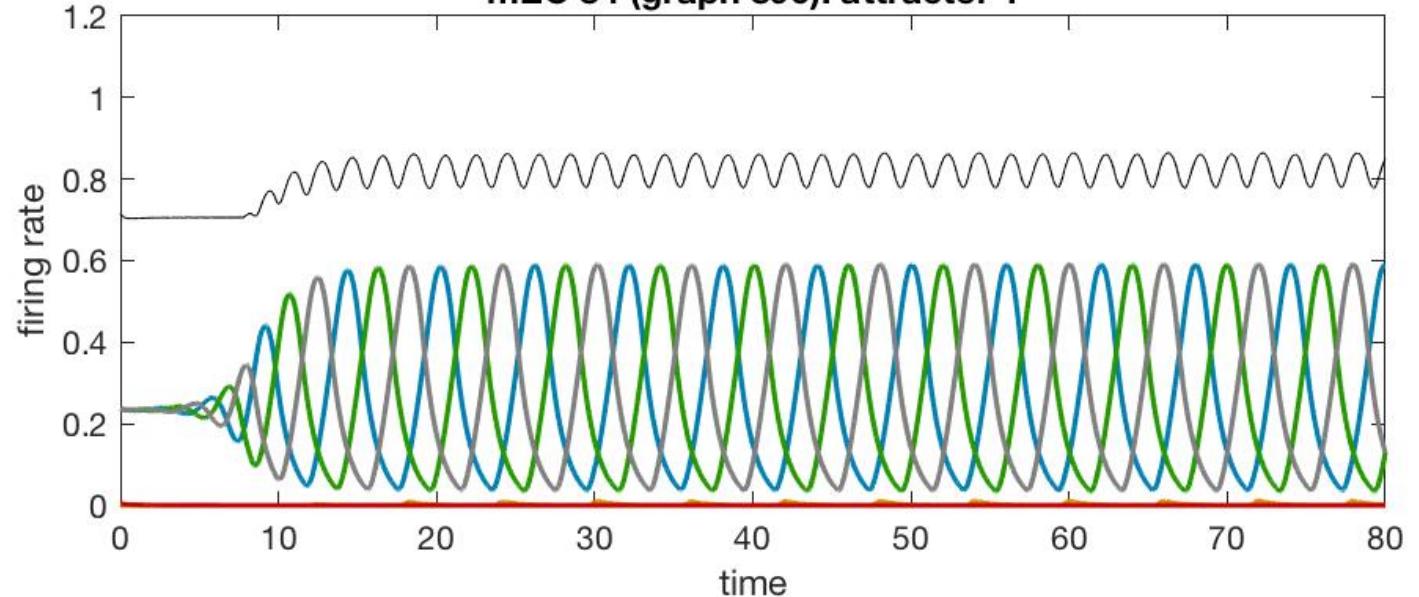


mEC 84

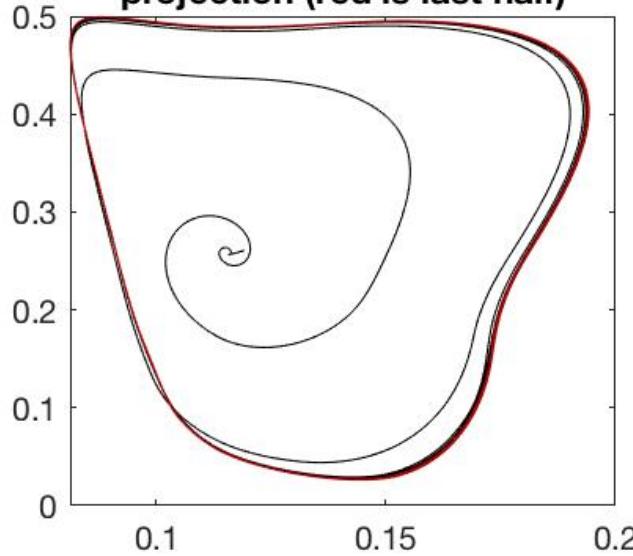
graph 896



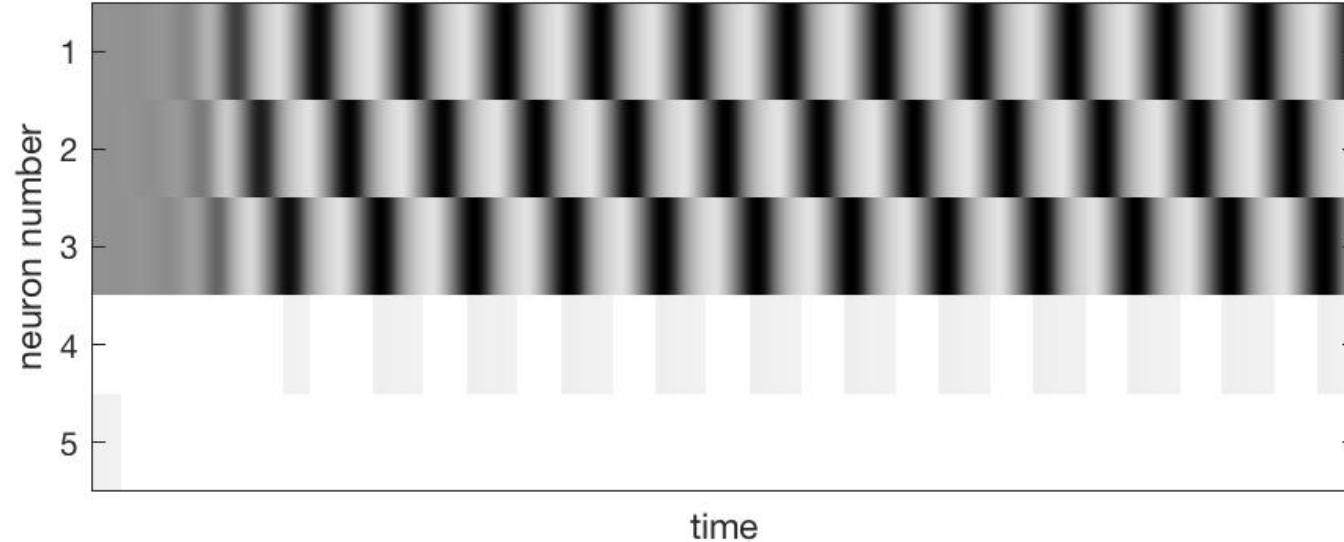
mEC 84 (graph 896): attractor 1



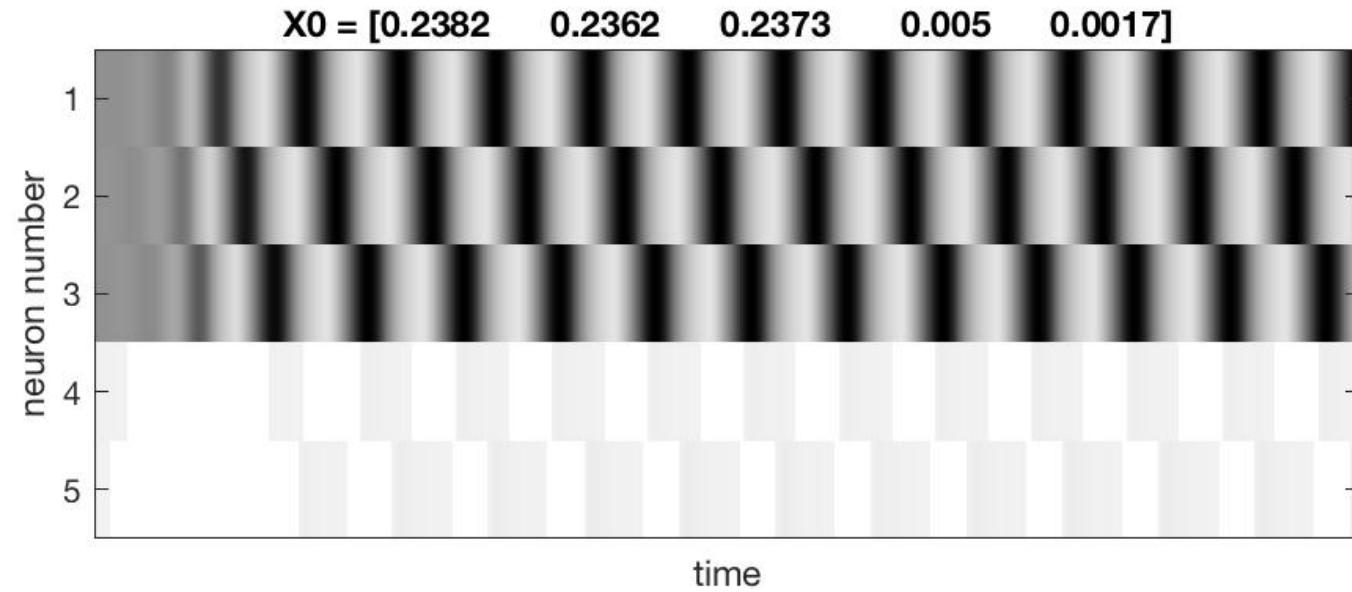
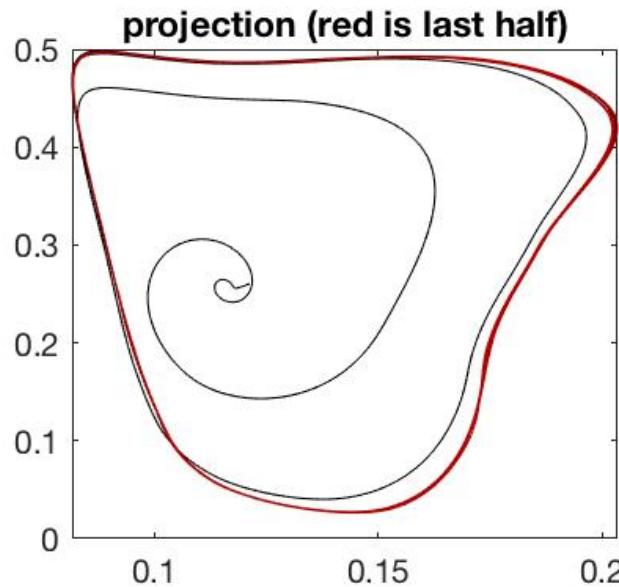
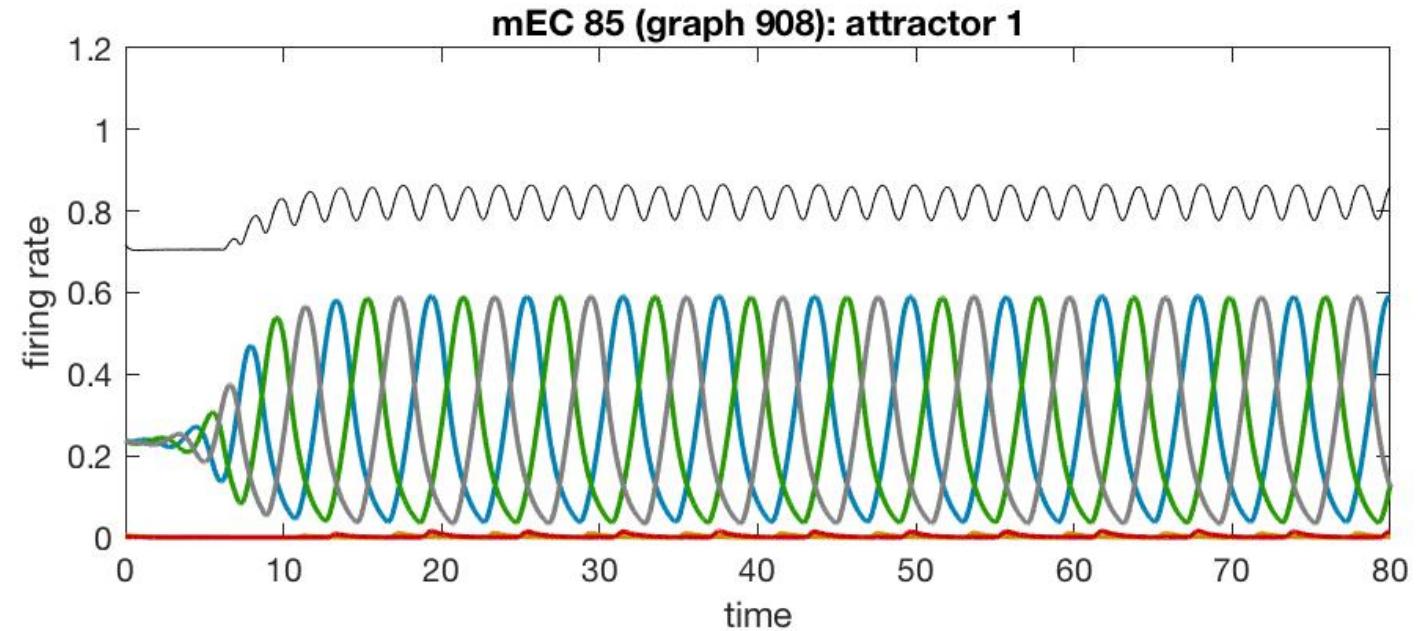
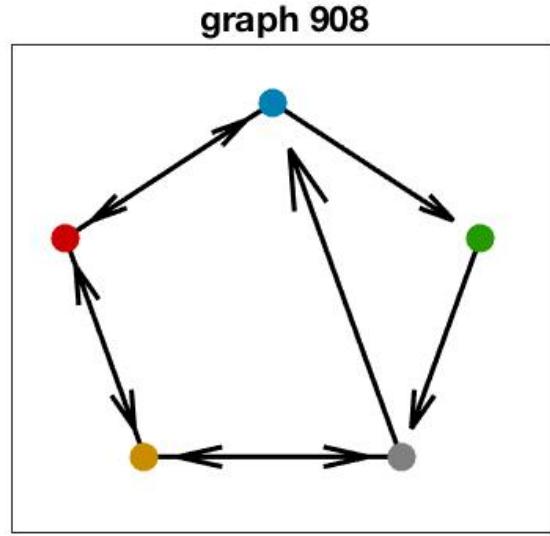
projection (red is last half)



$X_0 = [0.2373 \quad 0.2376 \quad 0.2362 \quad 0.0003 \quad 0.0039]$

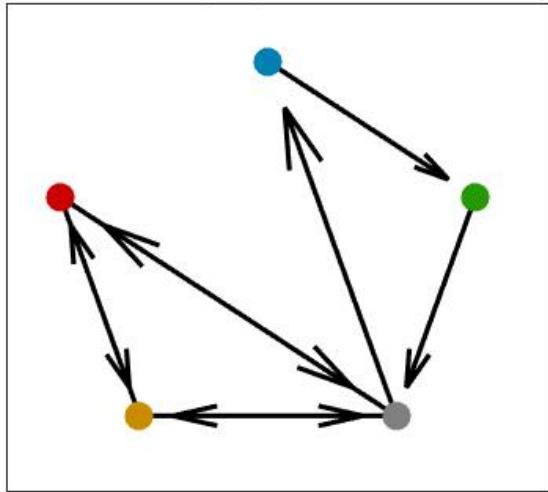


mEC 85

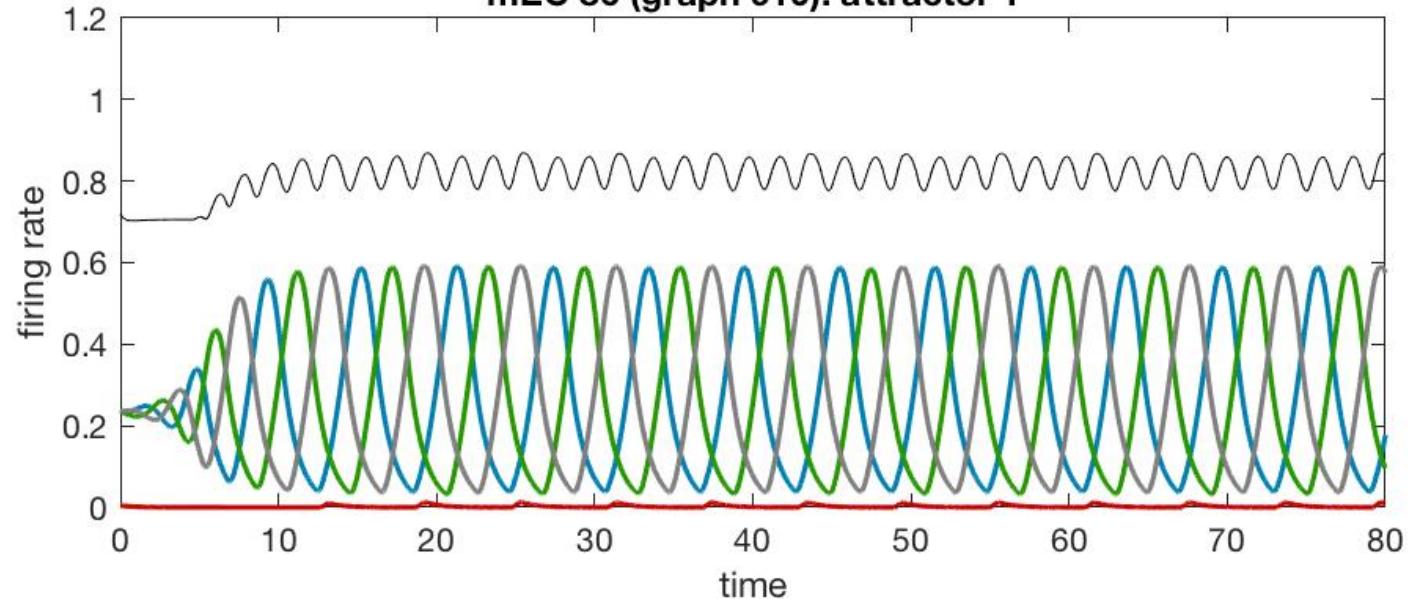


mEC 86

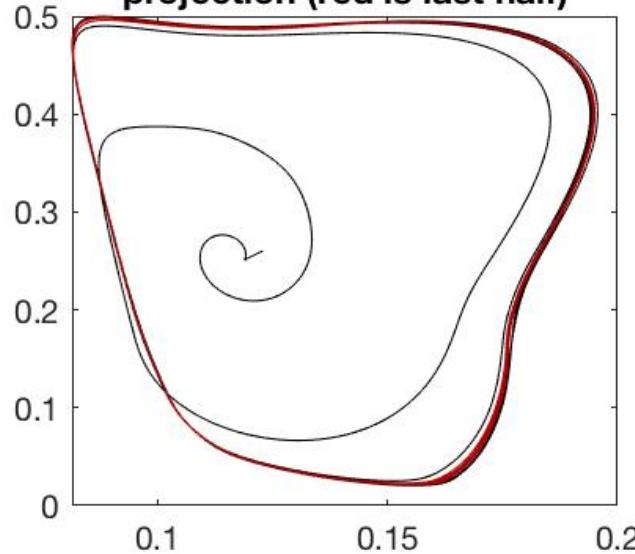
graph 910



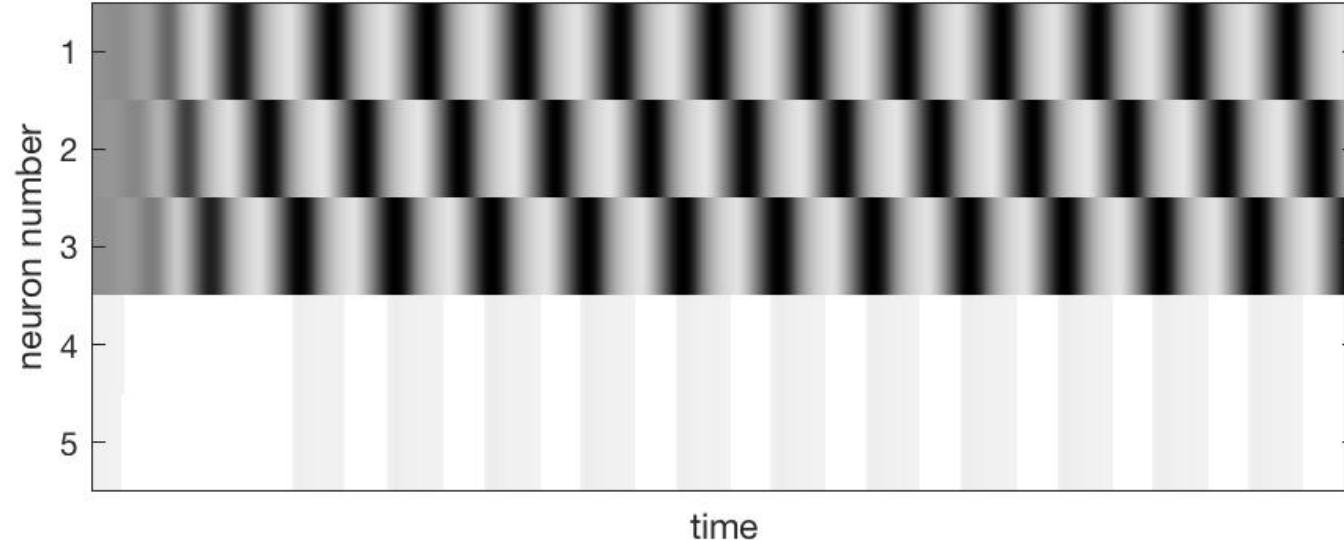
mEC 86 (graph 910): attractor 1



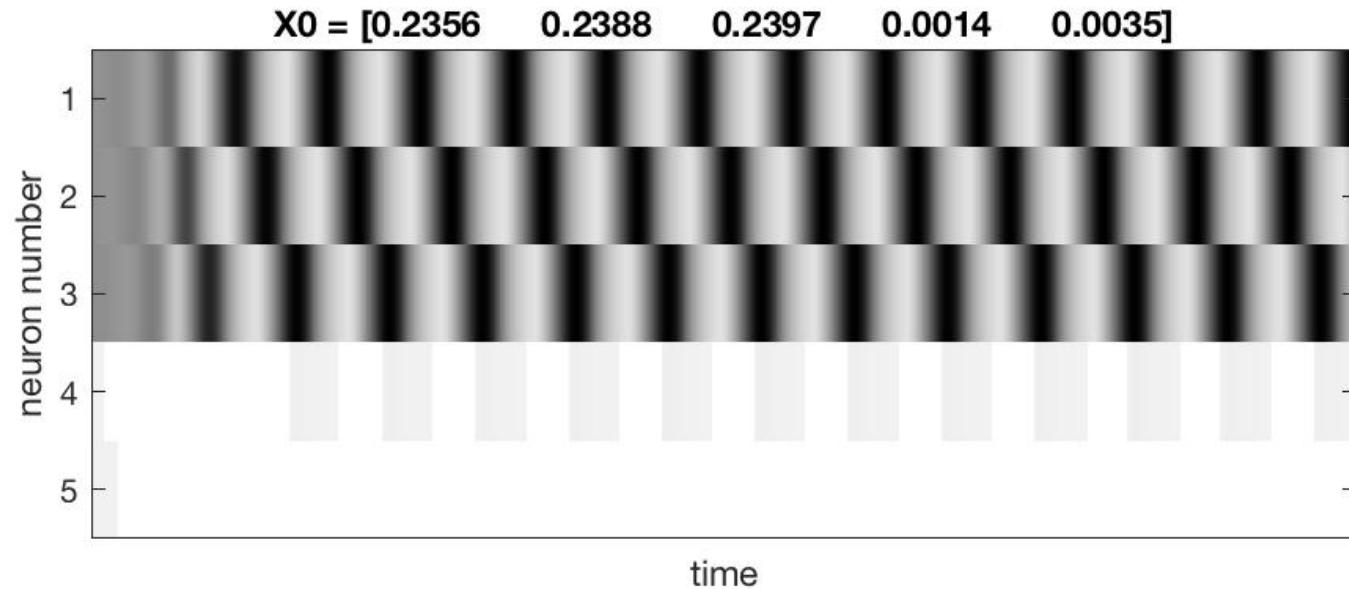
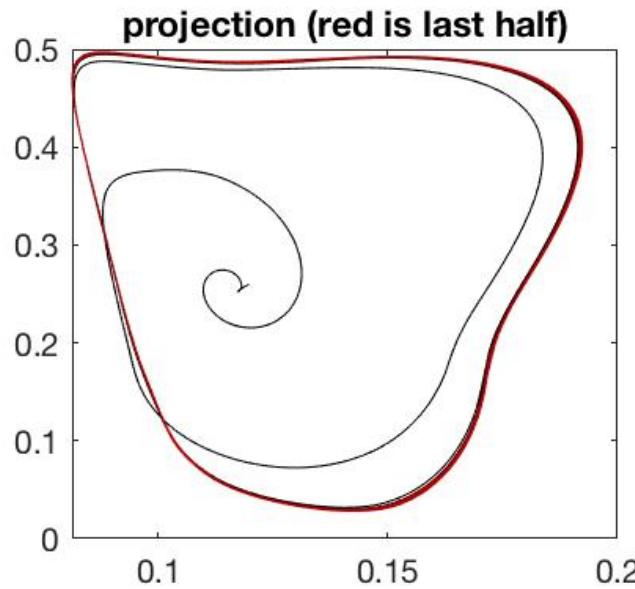
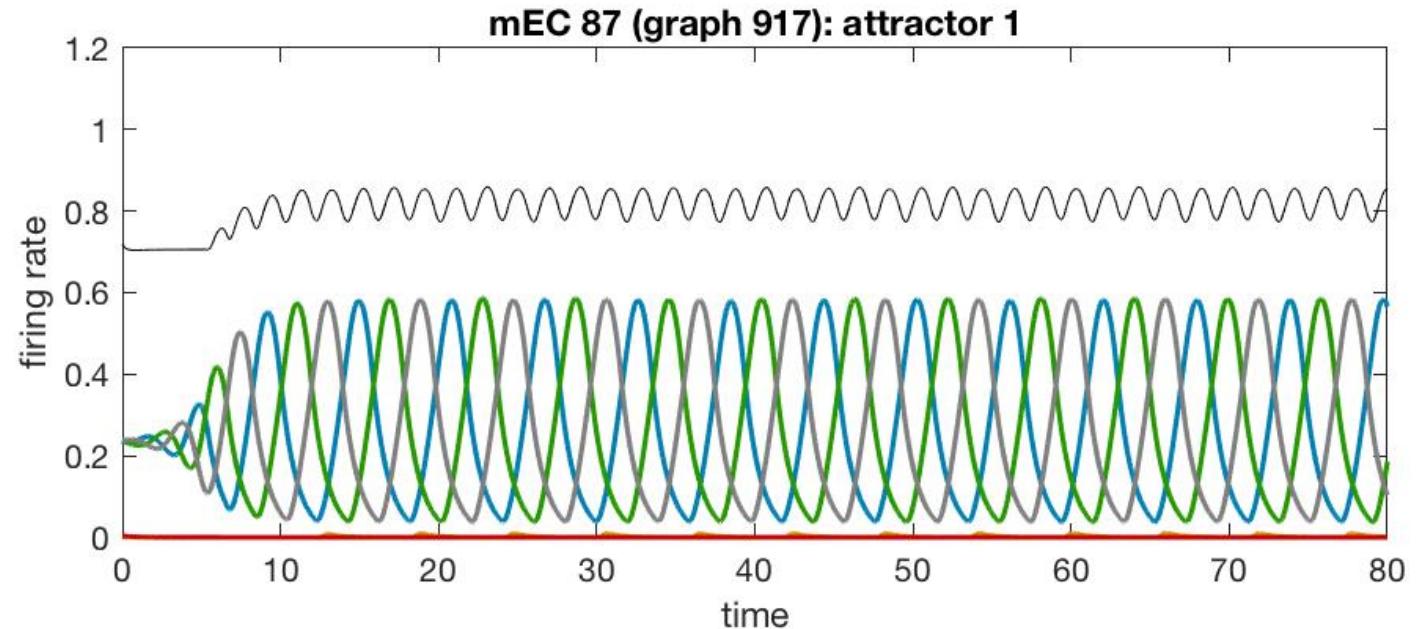
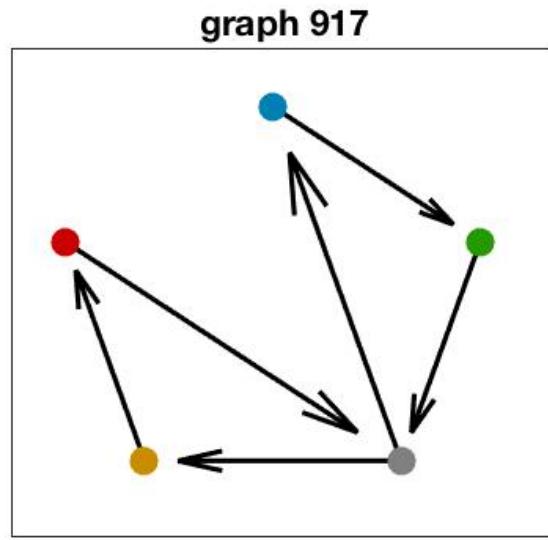
projection (red is last half)



X0 = [0.2375 0.2369 0.2372 0.005 0.0043]

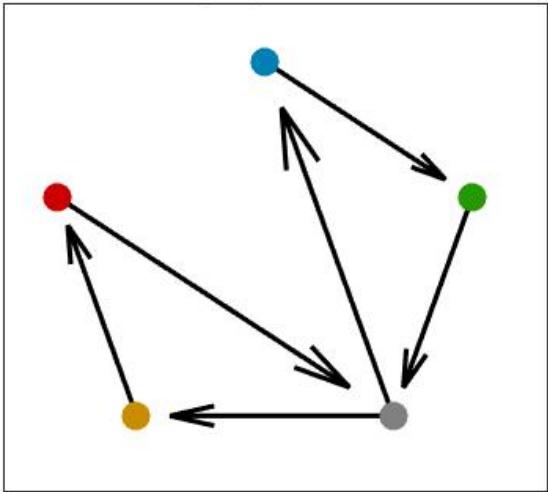


mEC 87

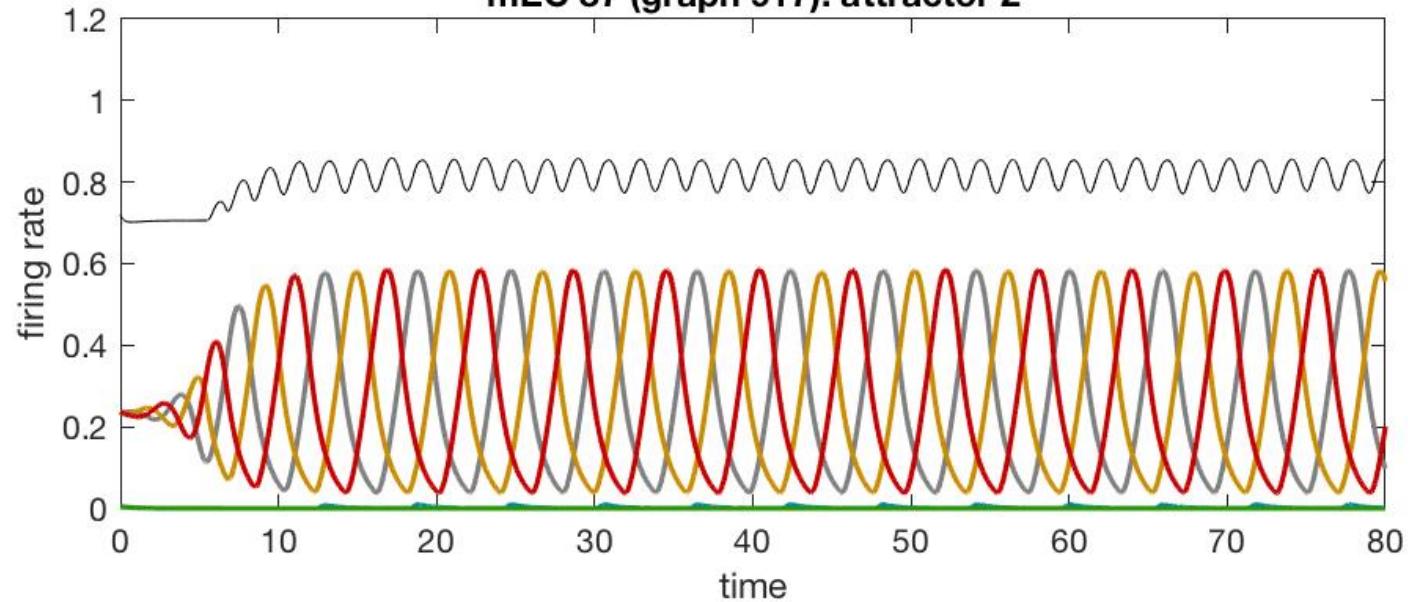


mEC 87

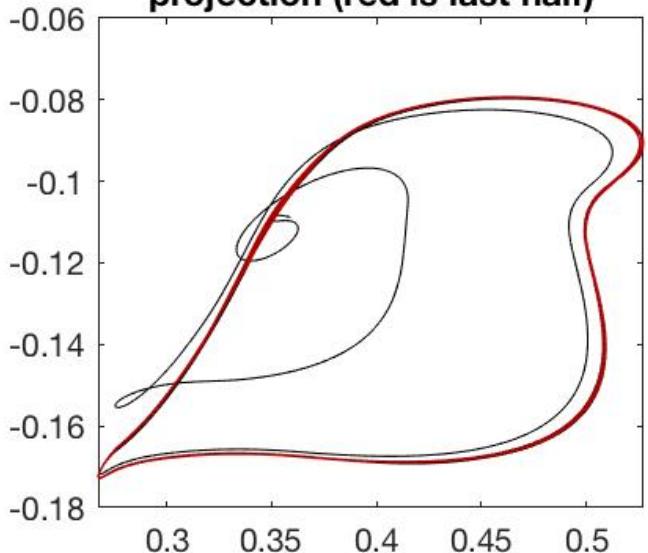
graph 917



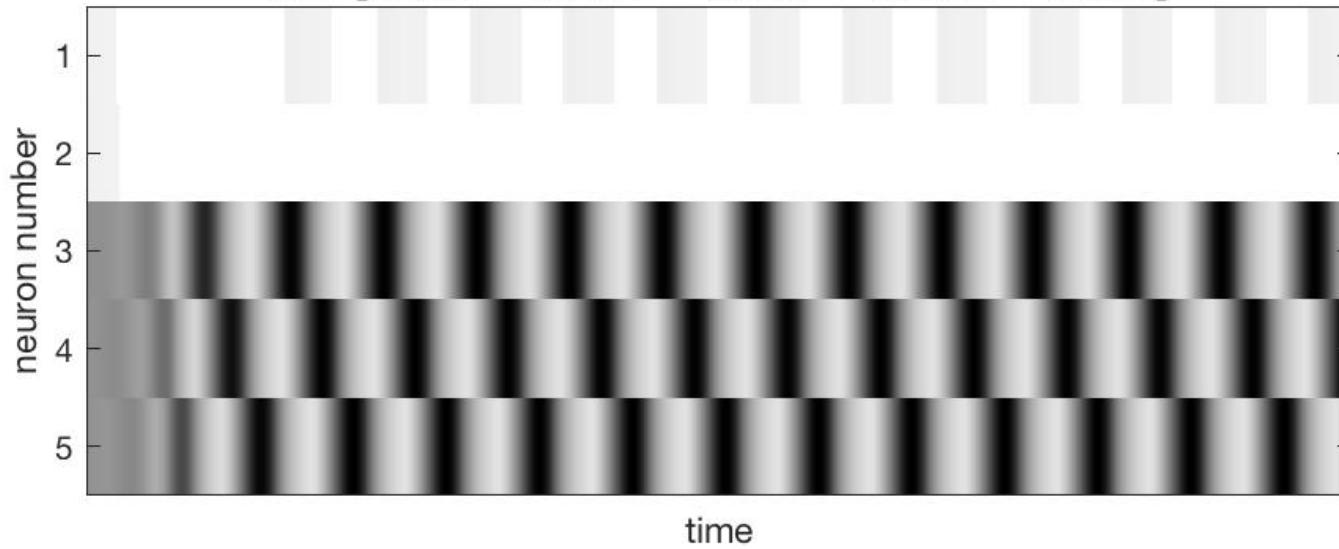
mEC 87 (graph 917): attractor 2



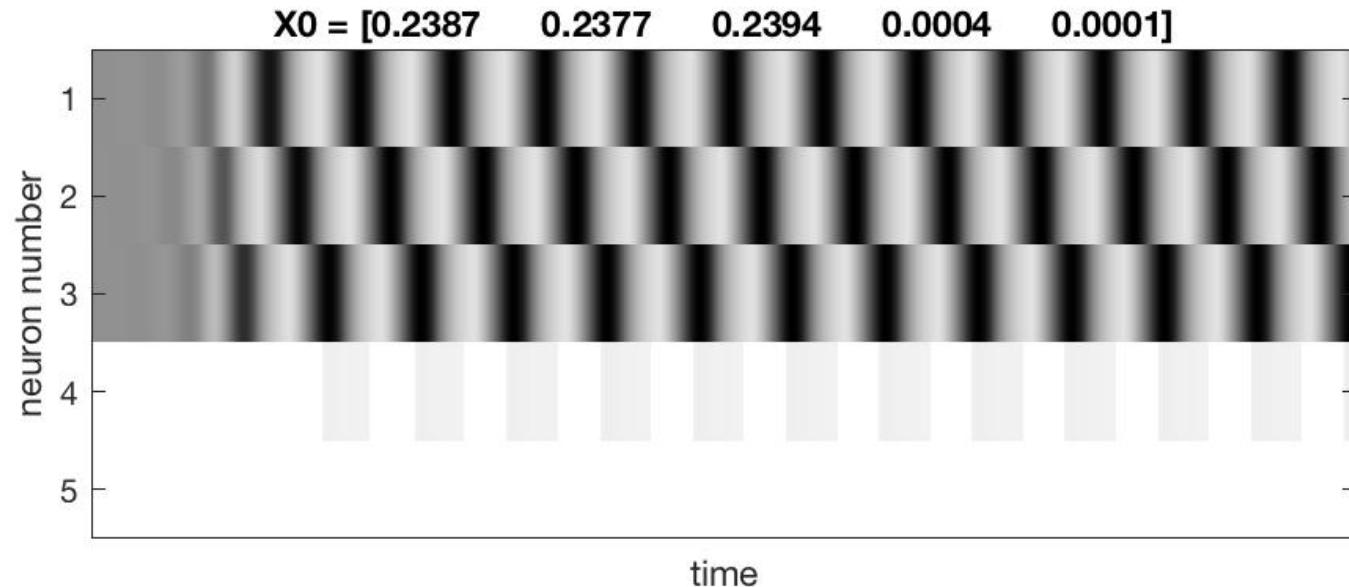
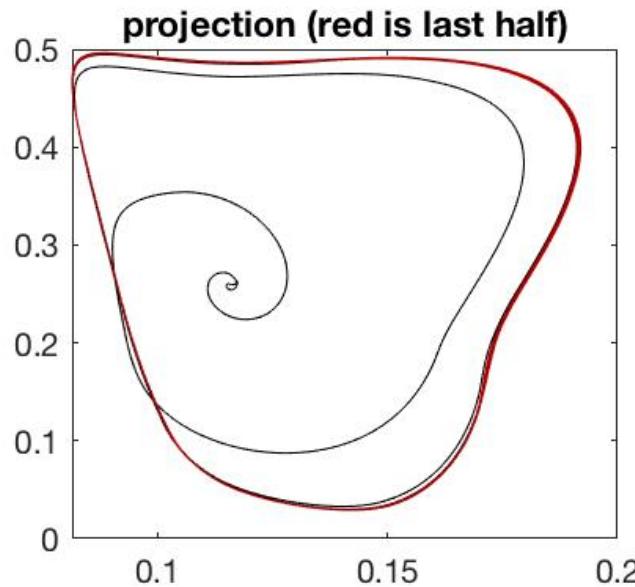
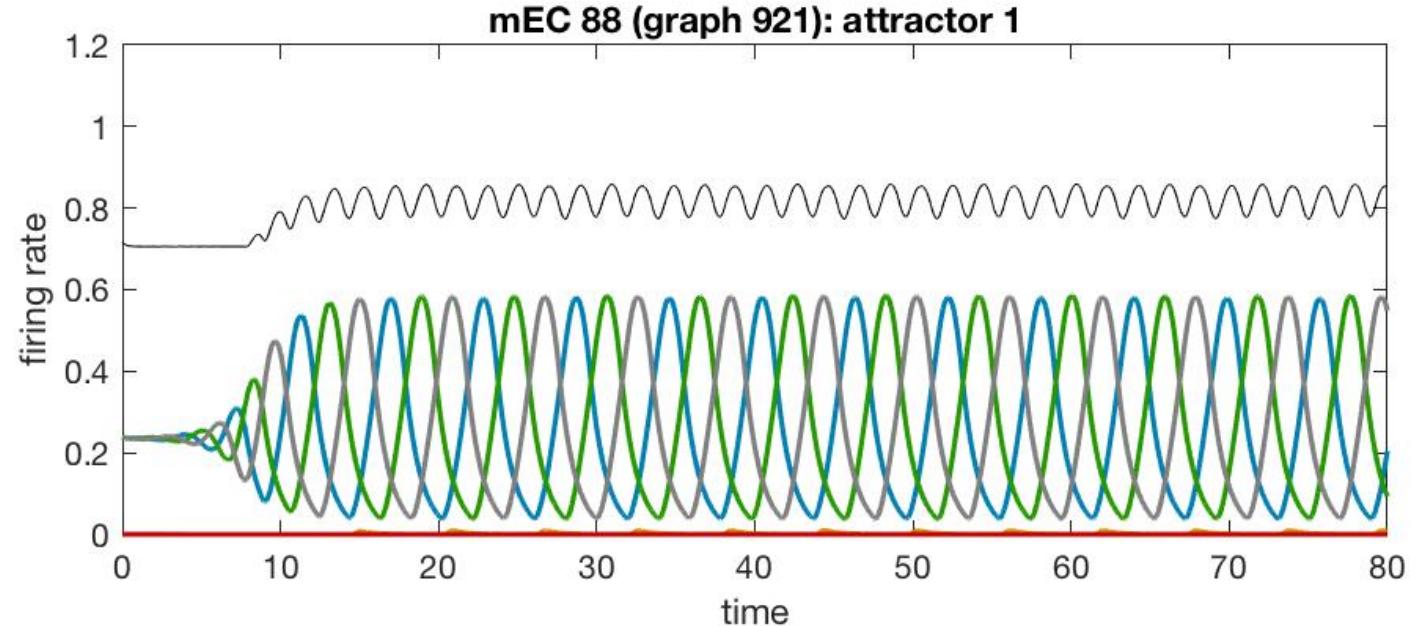
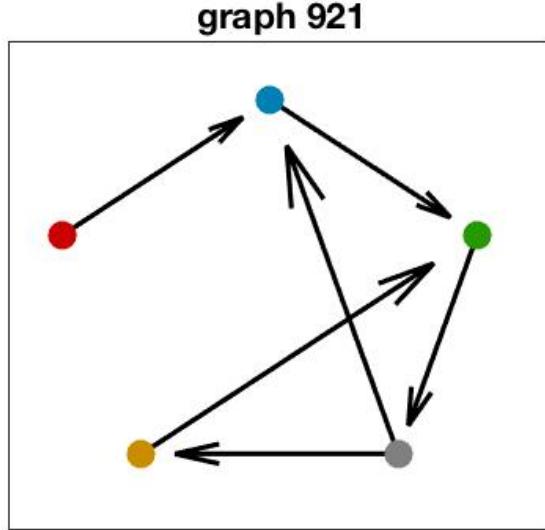
projection (red is last half)



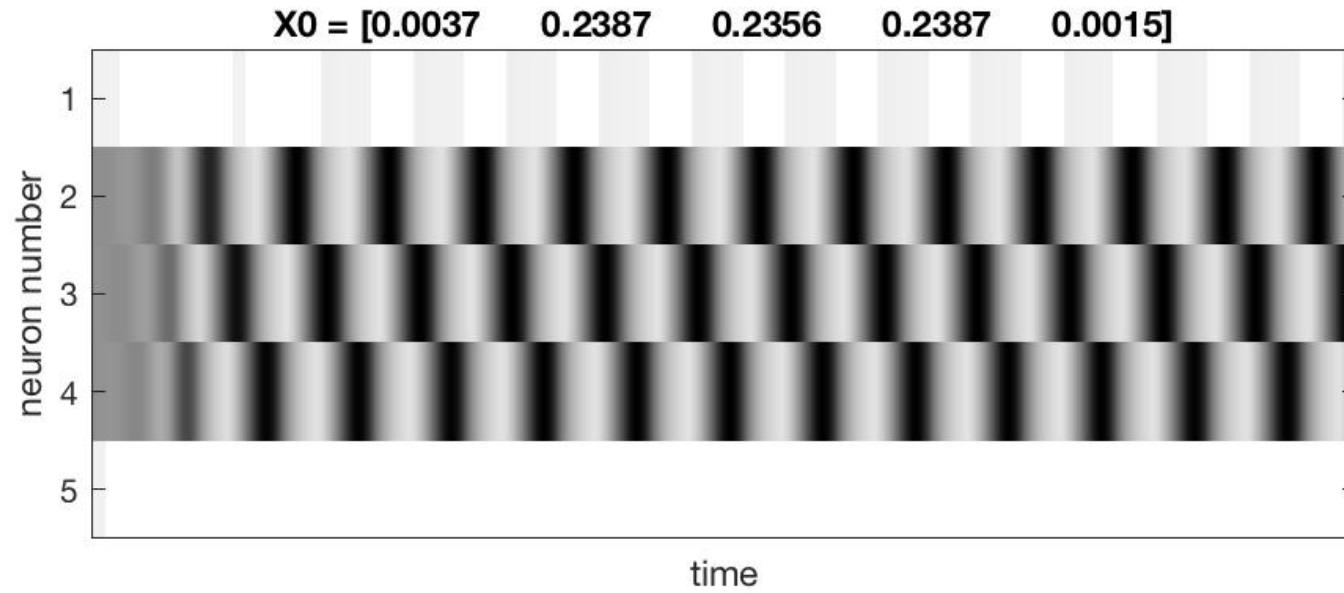
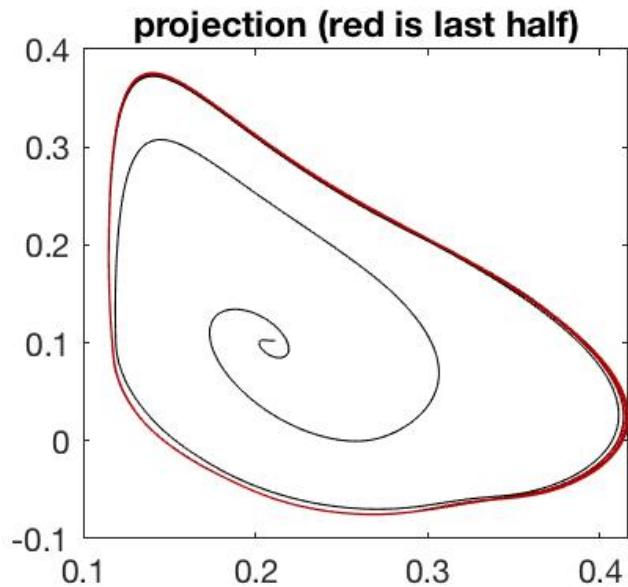
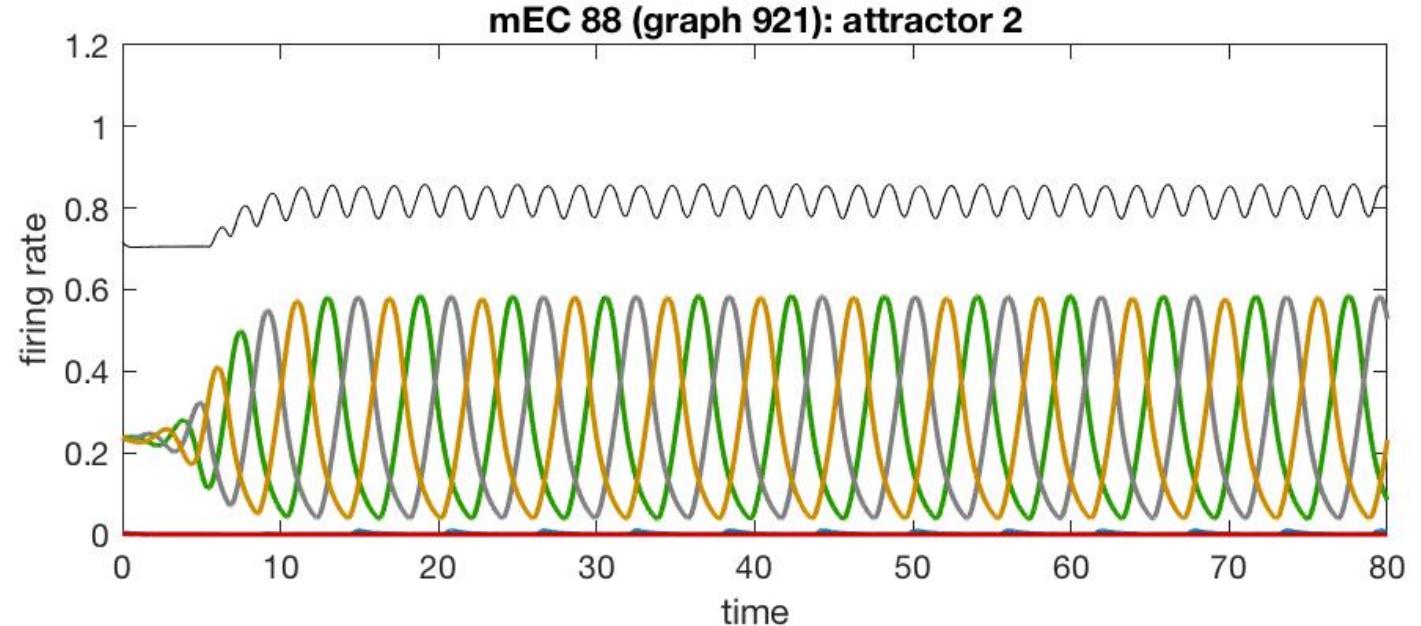
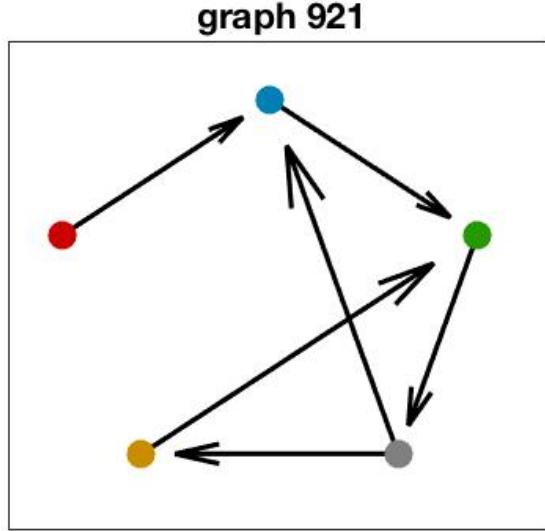
$X_0 = [0.0041 \quad 0.0047 \quad 0.2376 \quad 0.2356 \quad 0.2379]$



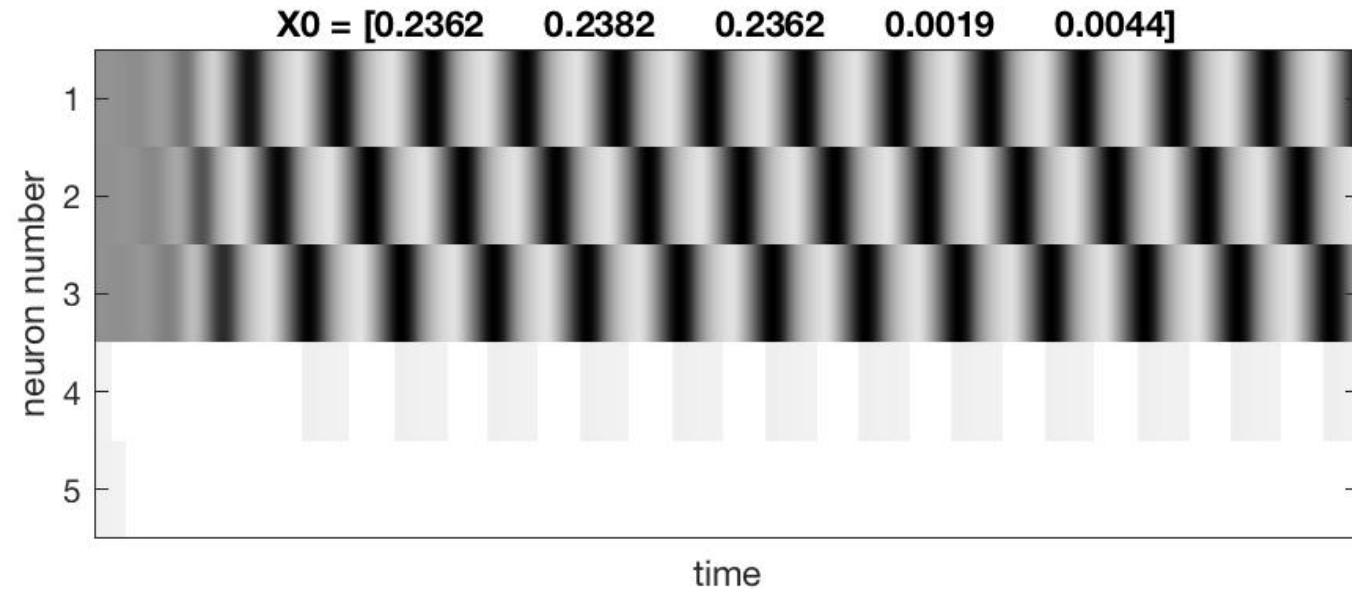
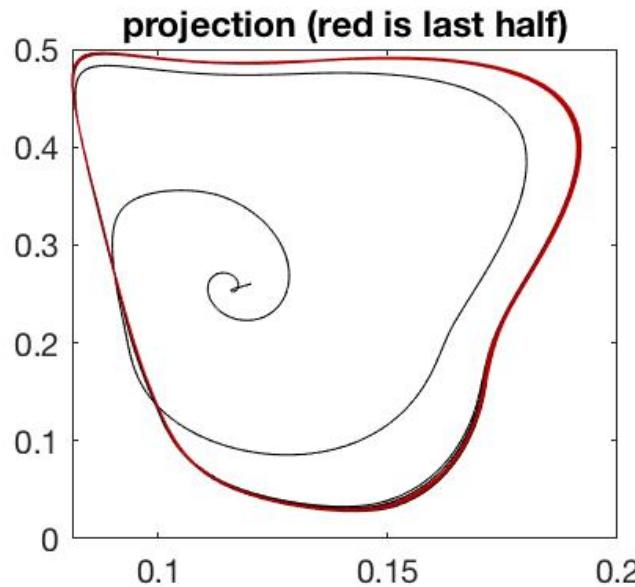
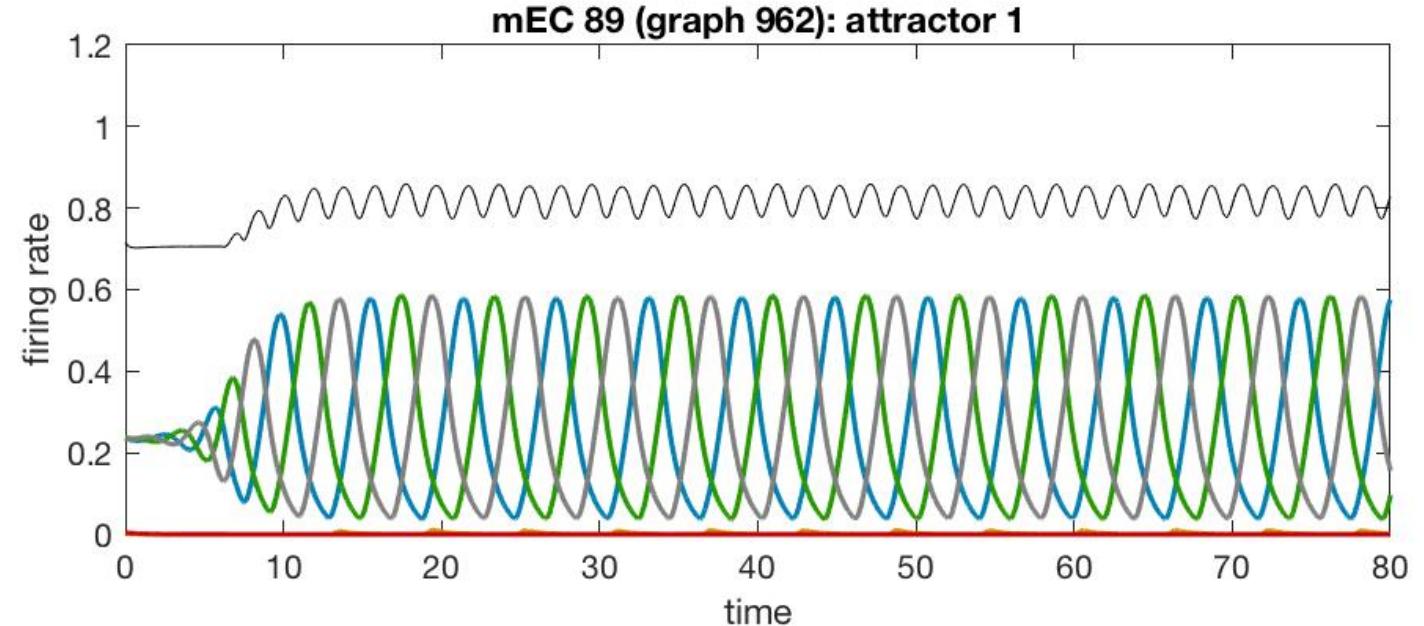
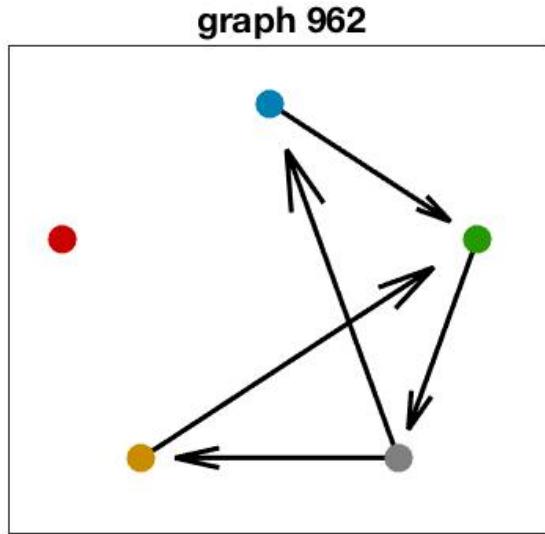
mEC 88



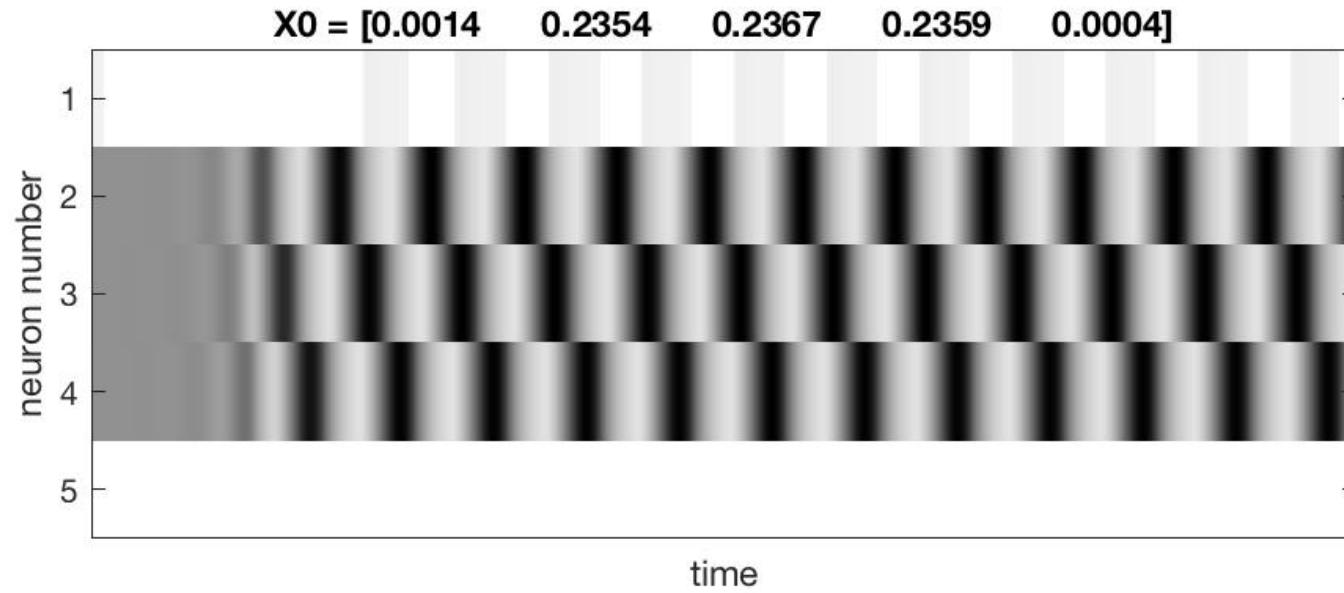
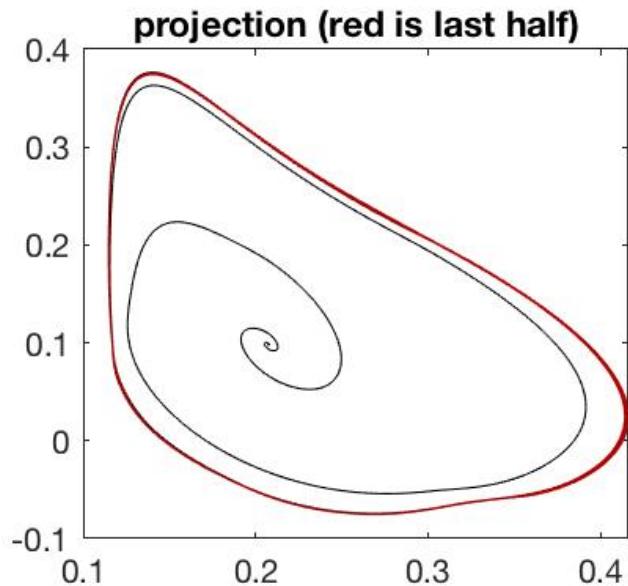
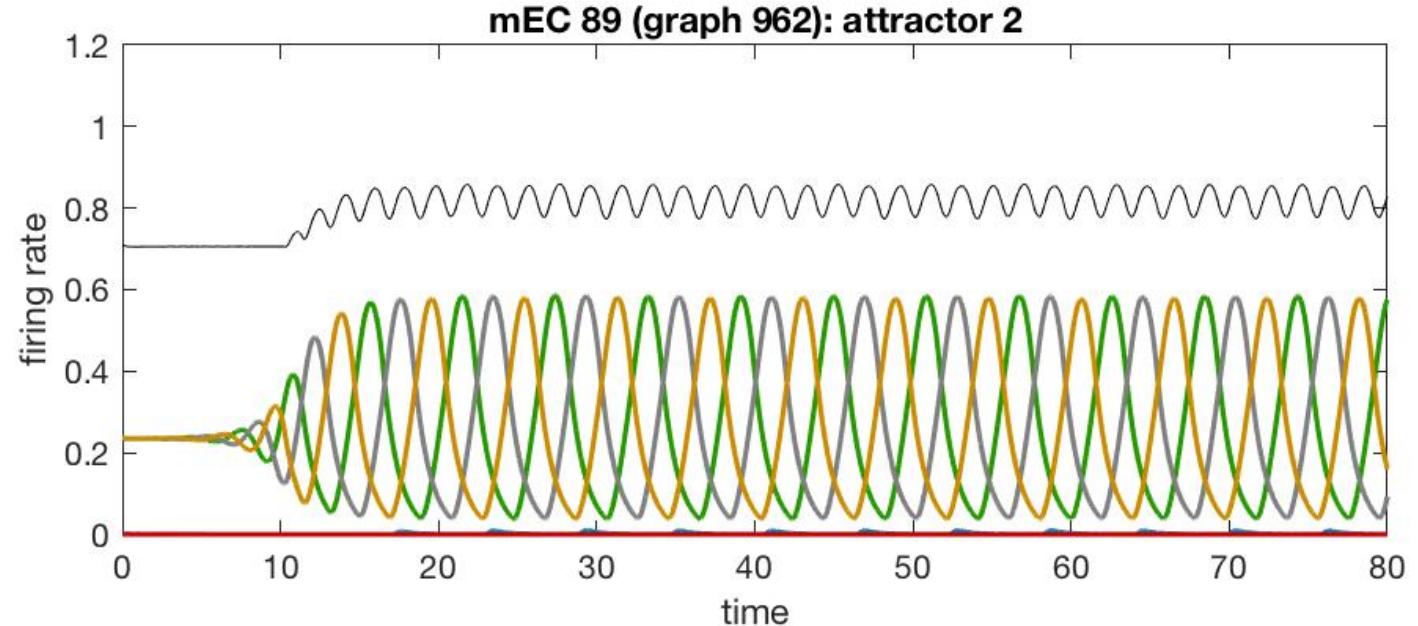
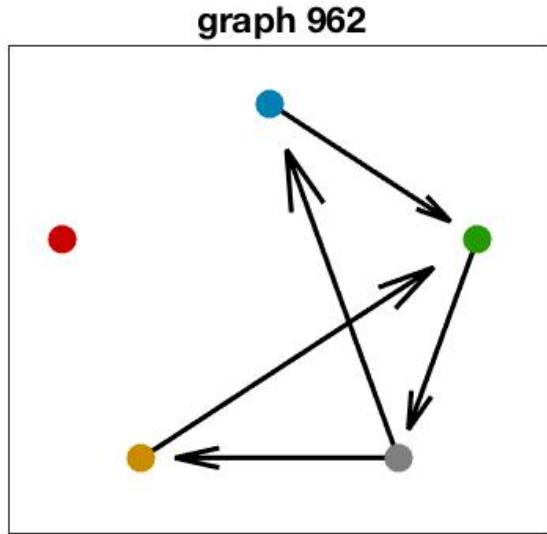
mEC 88



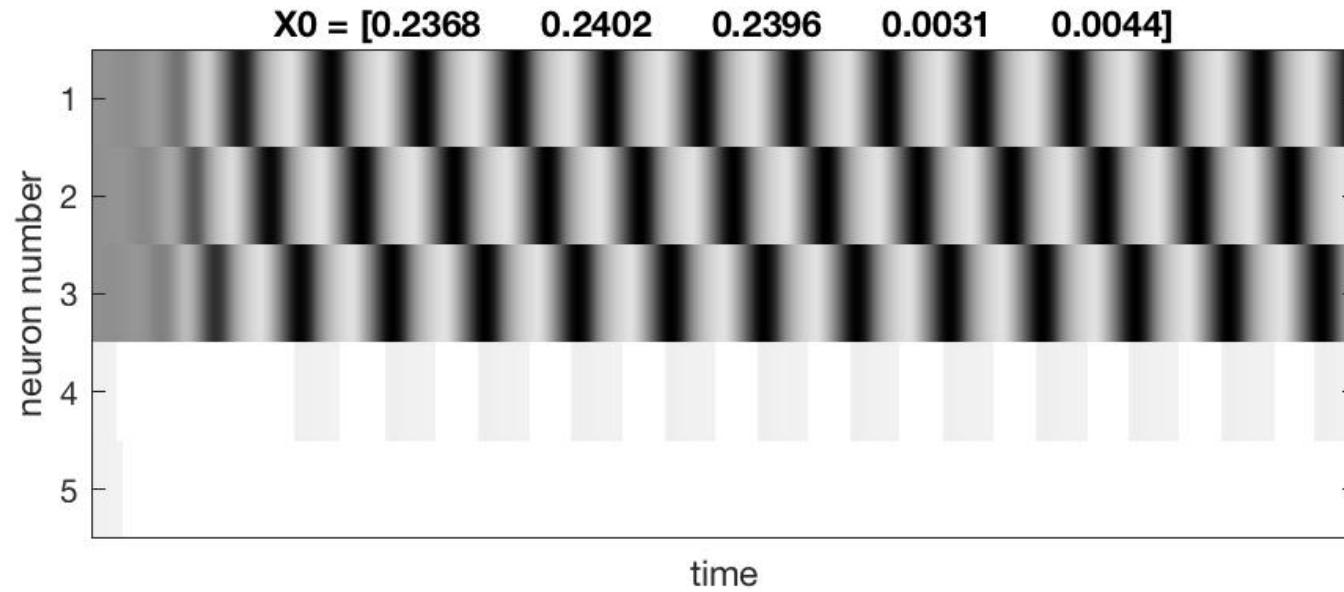
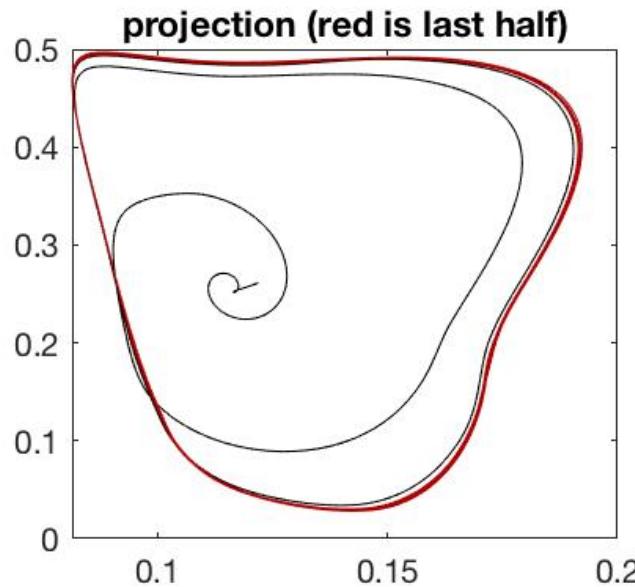
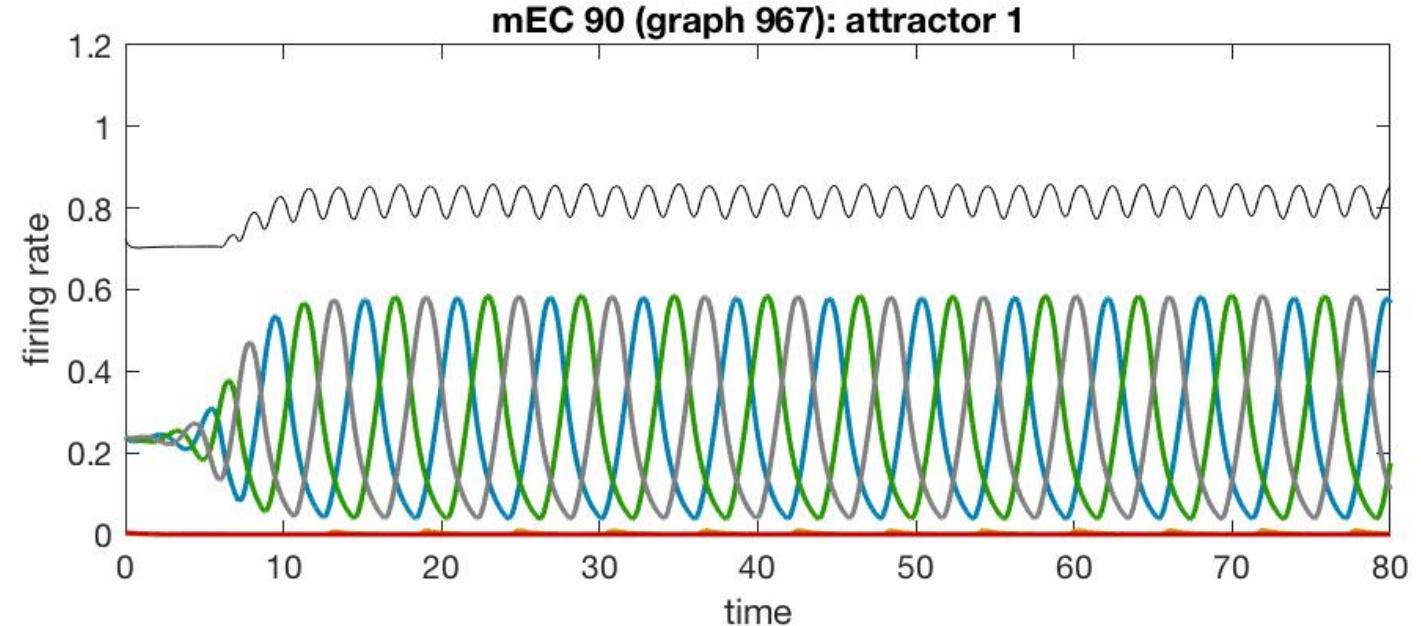
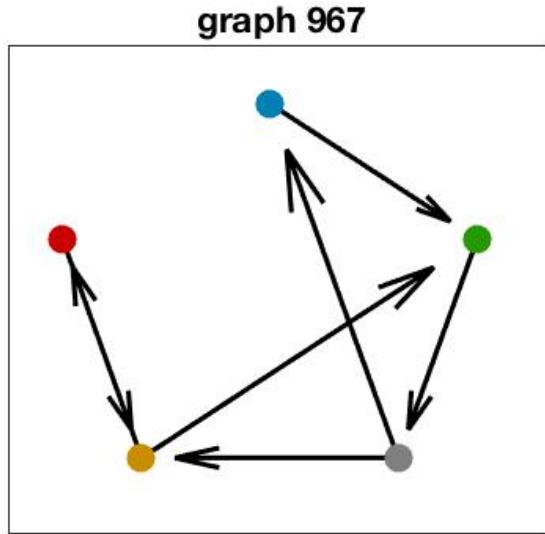
mEC 89



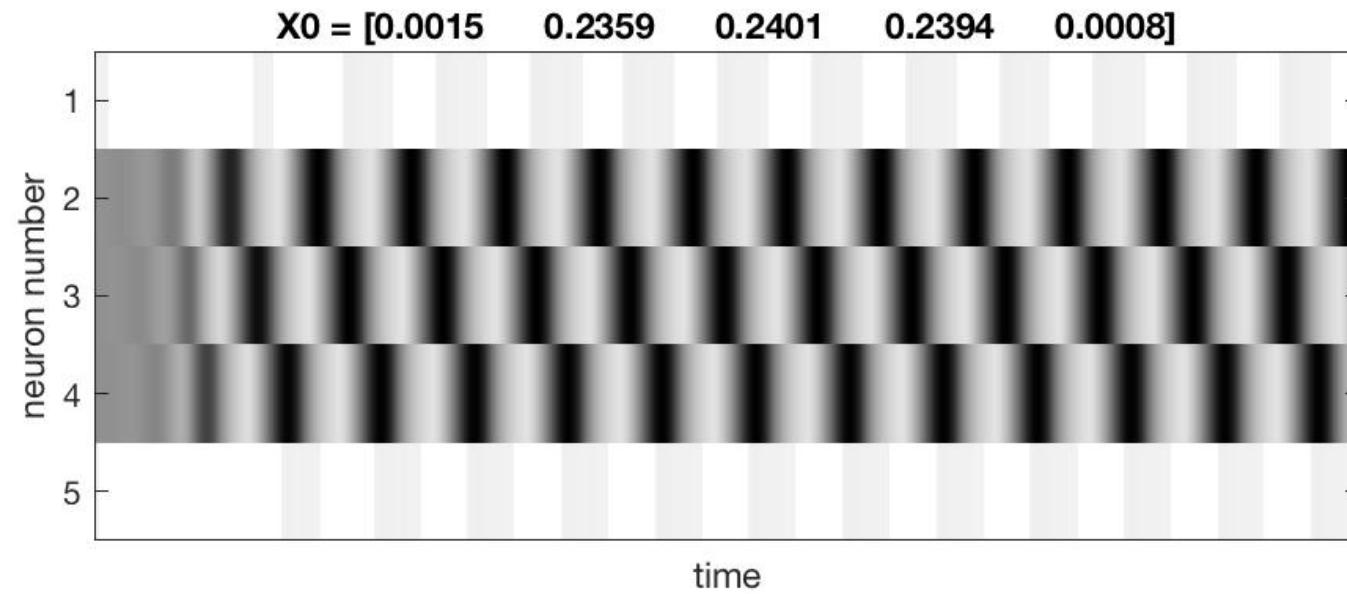
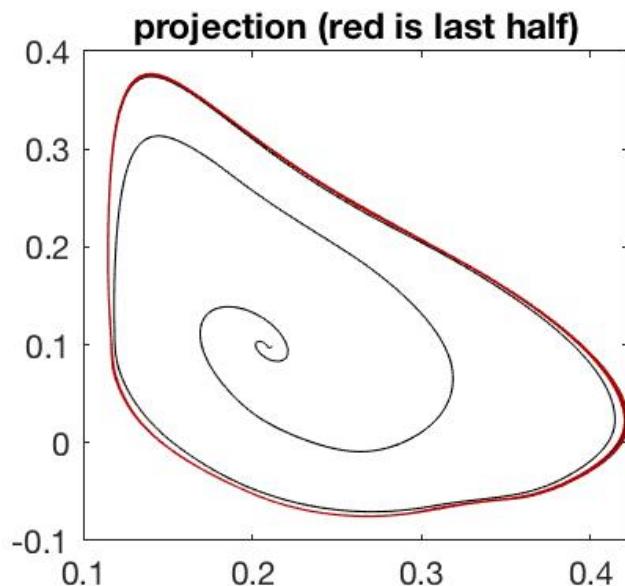
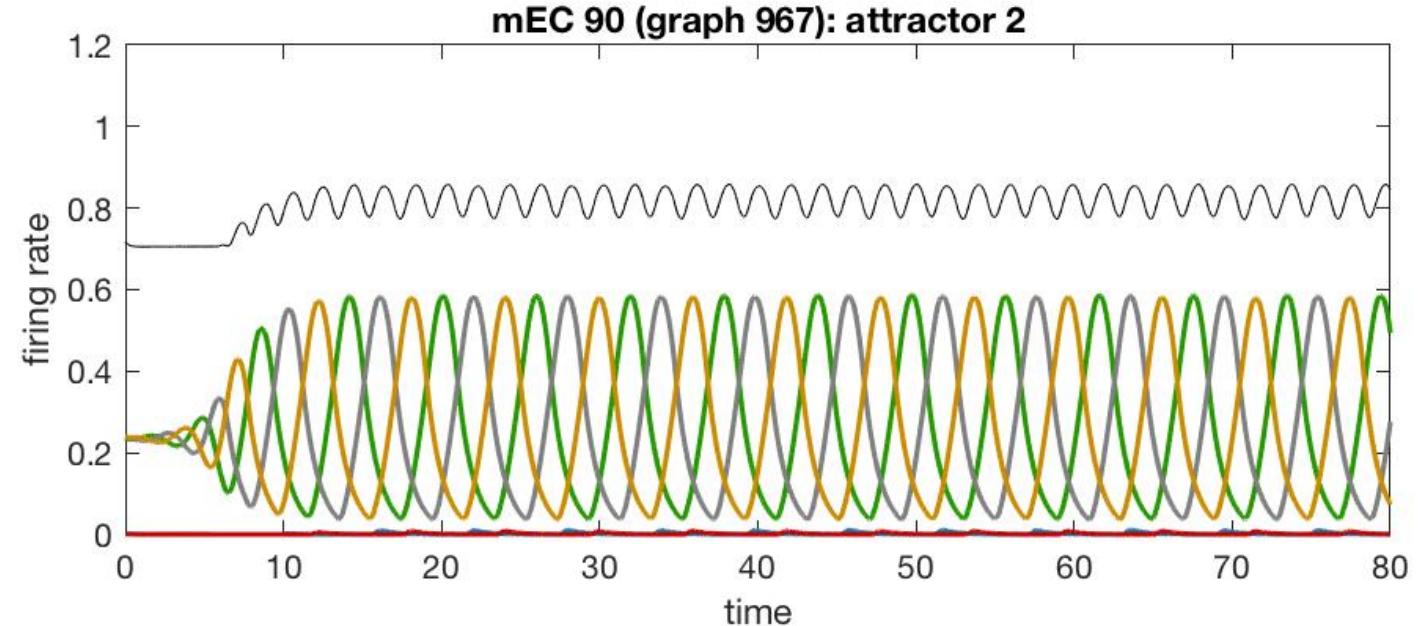
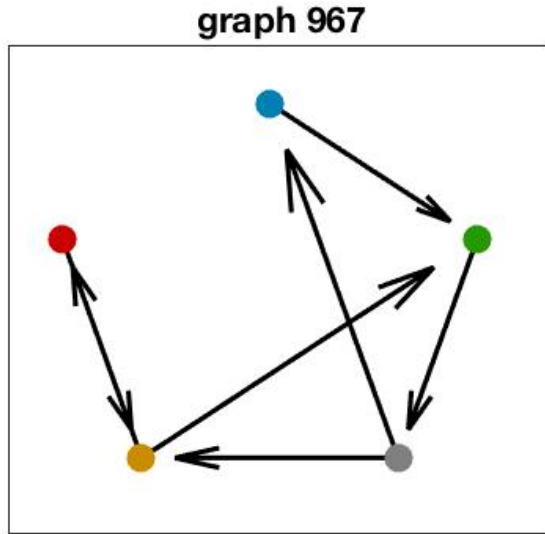
mEC 89



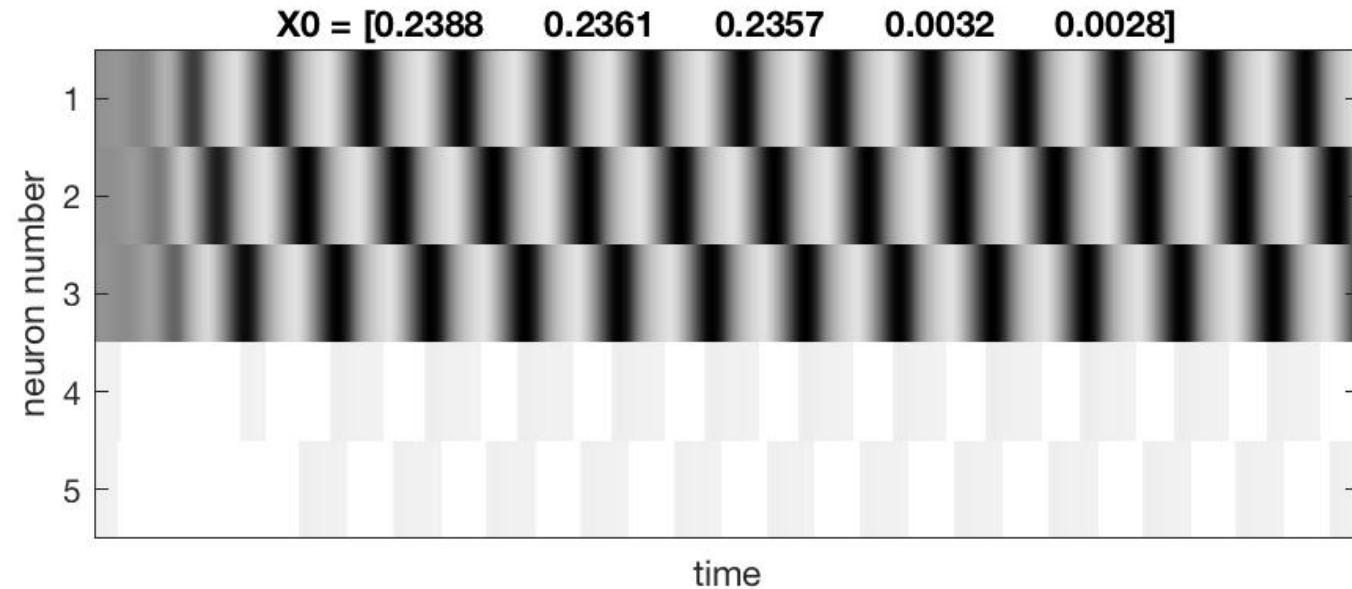
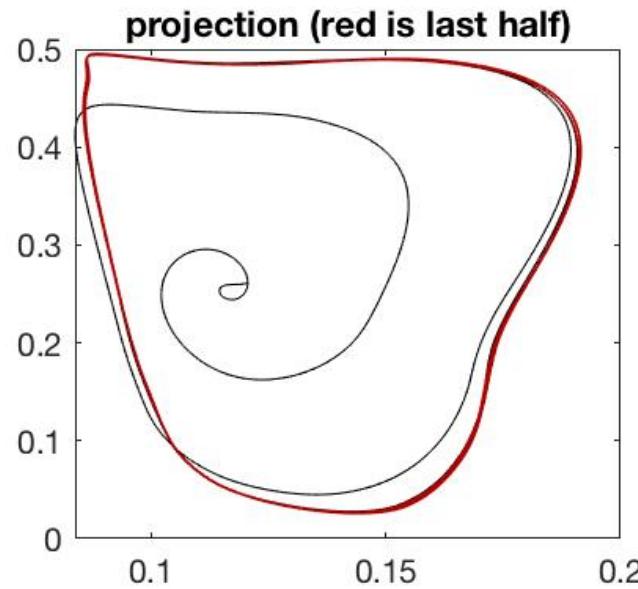
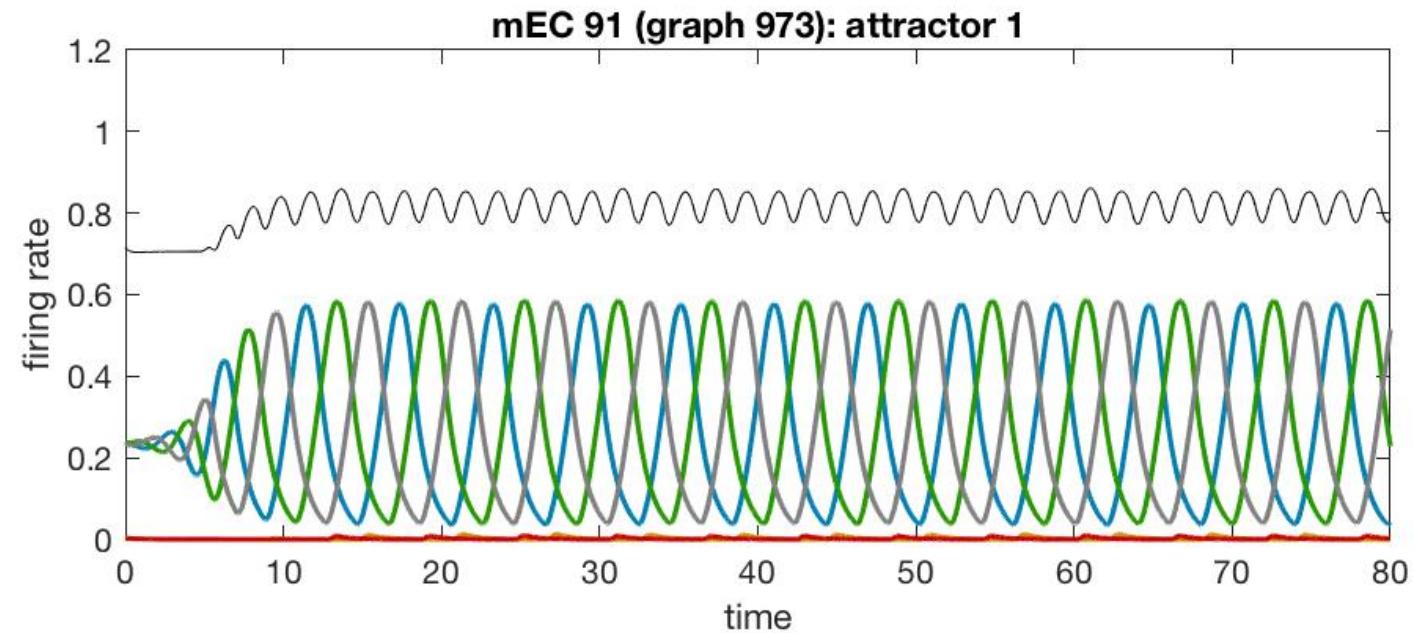
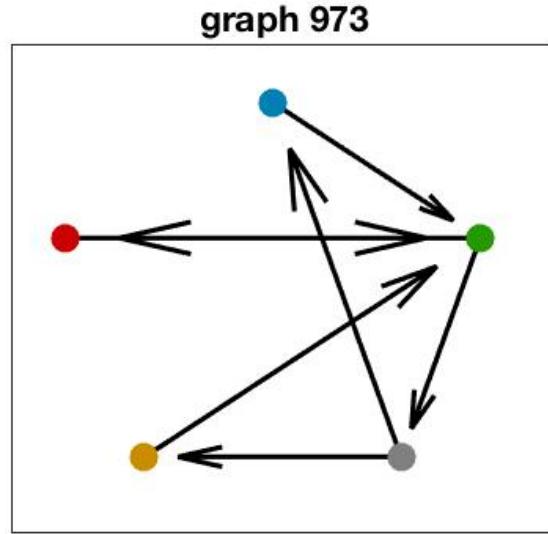
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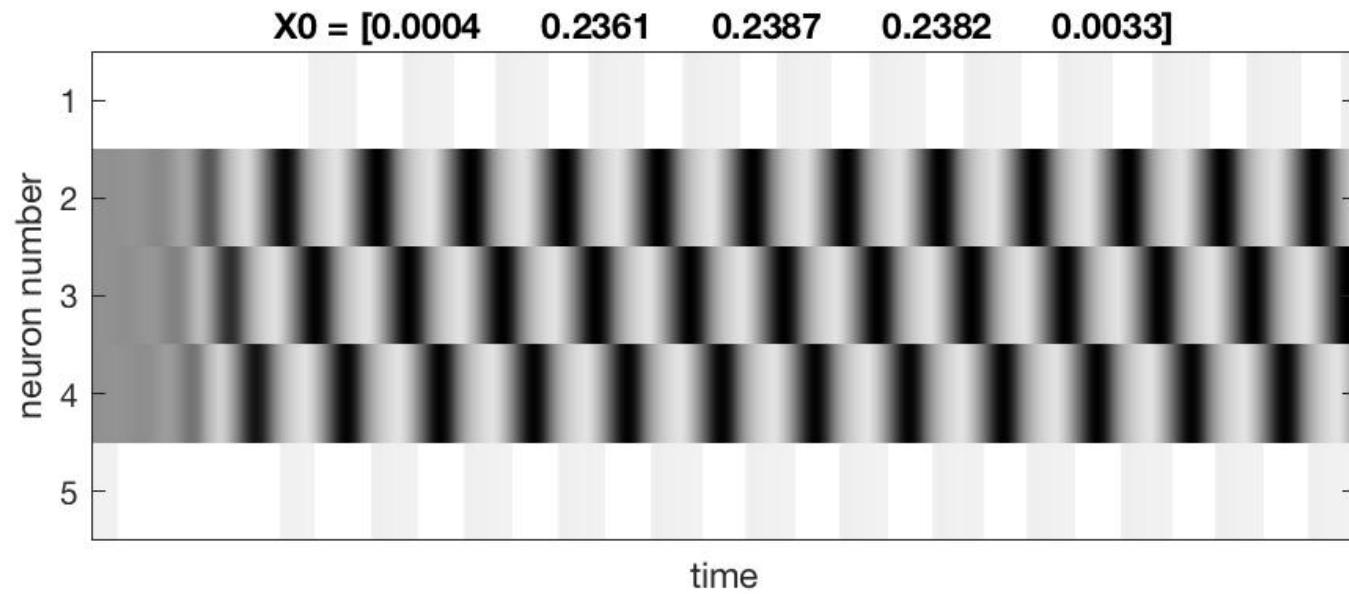
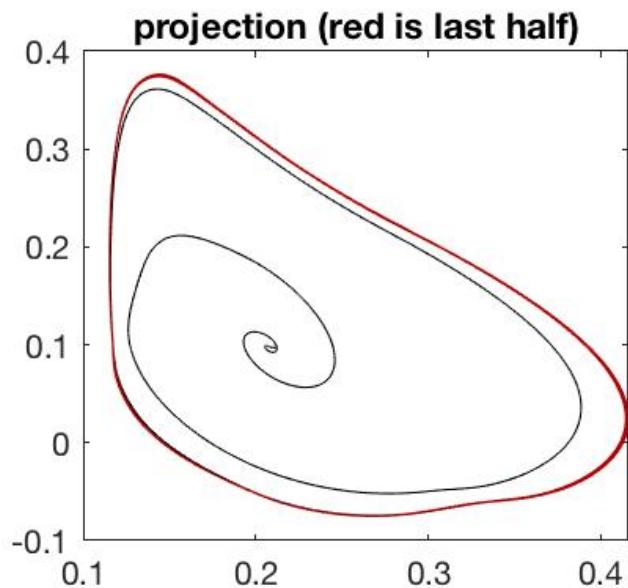
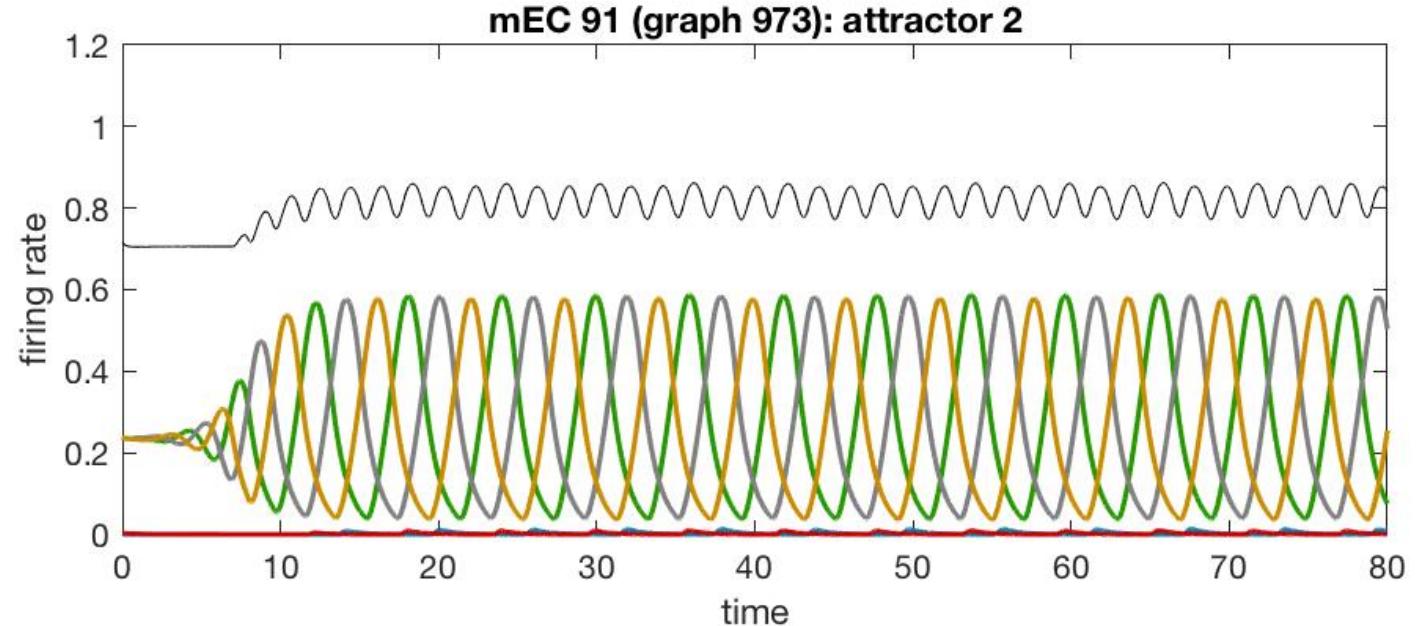
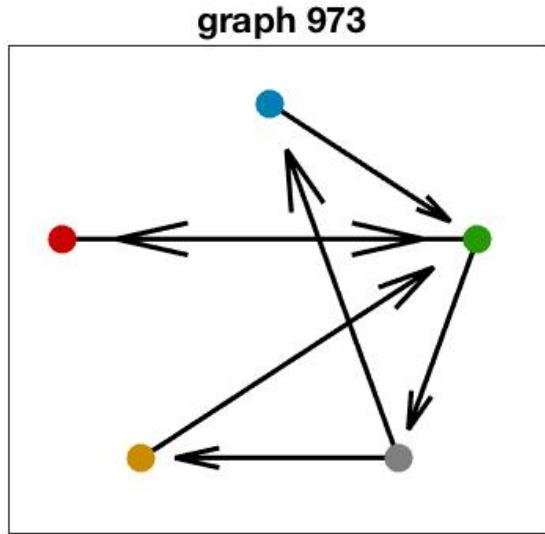
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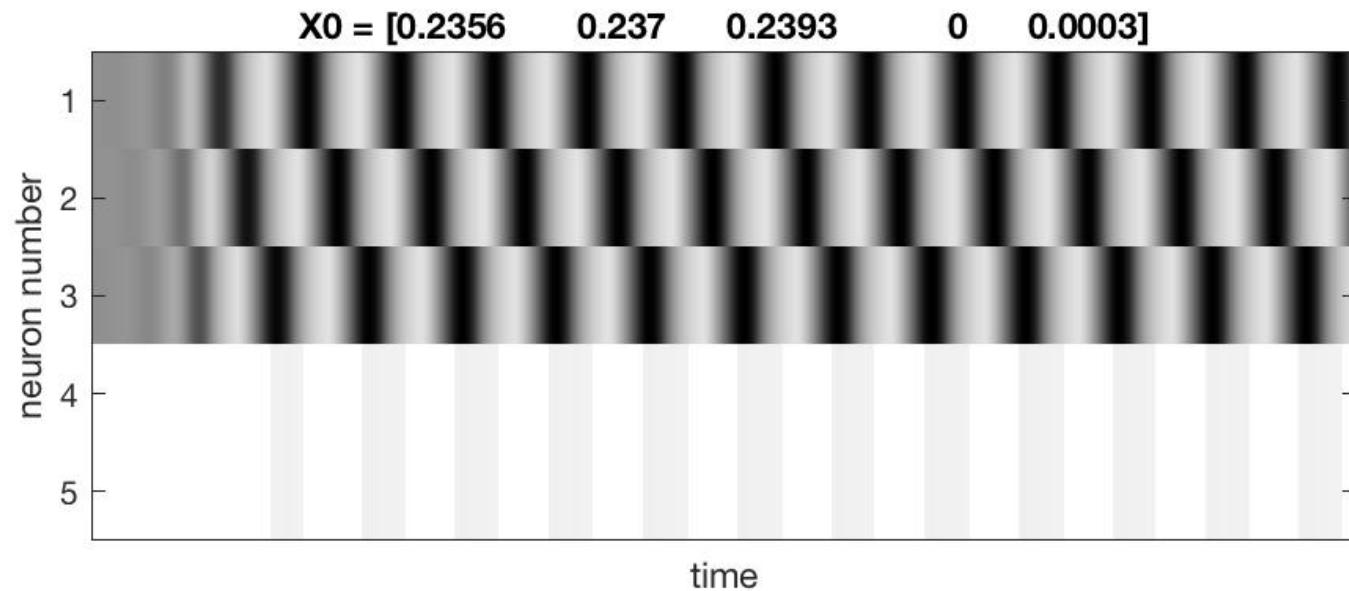
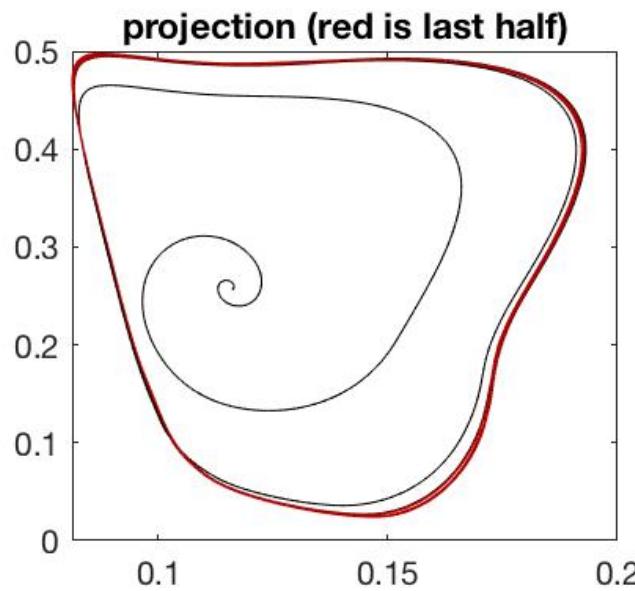
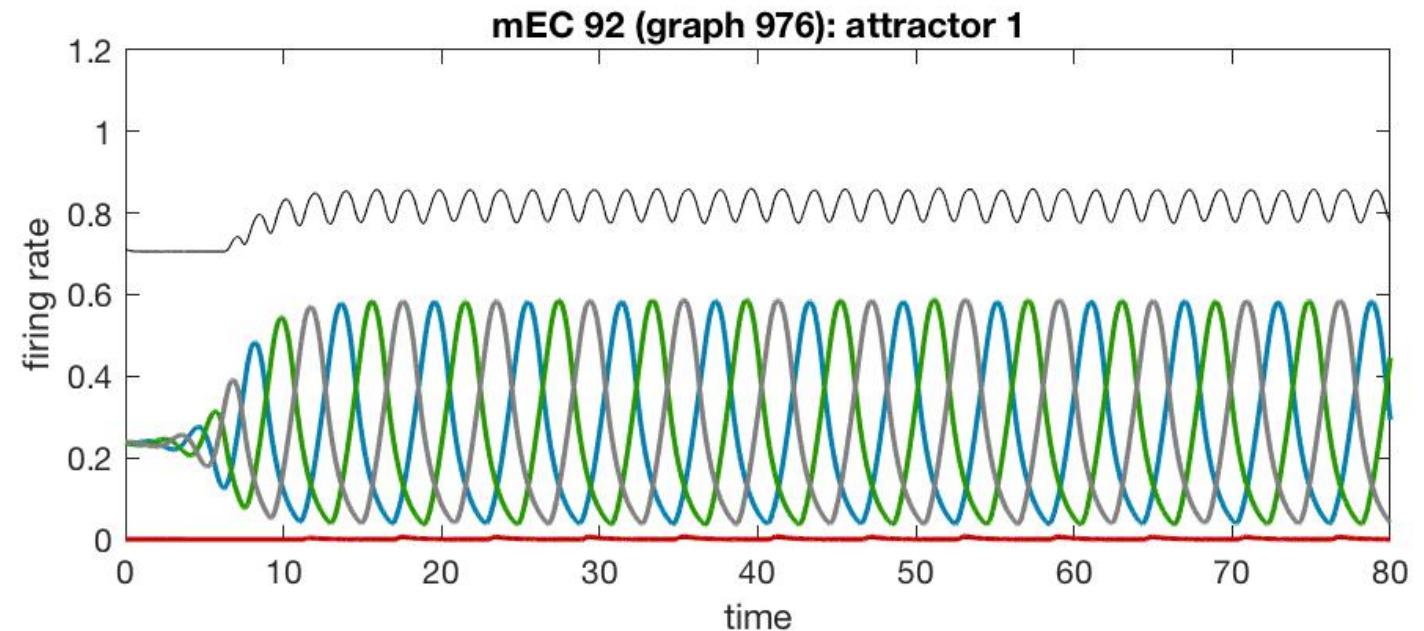
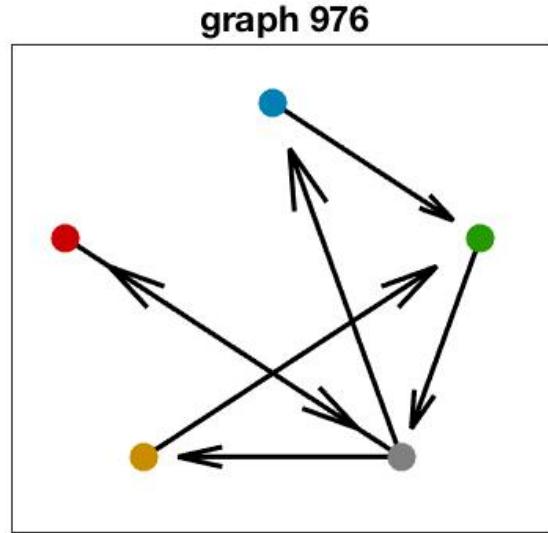
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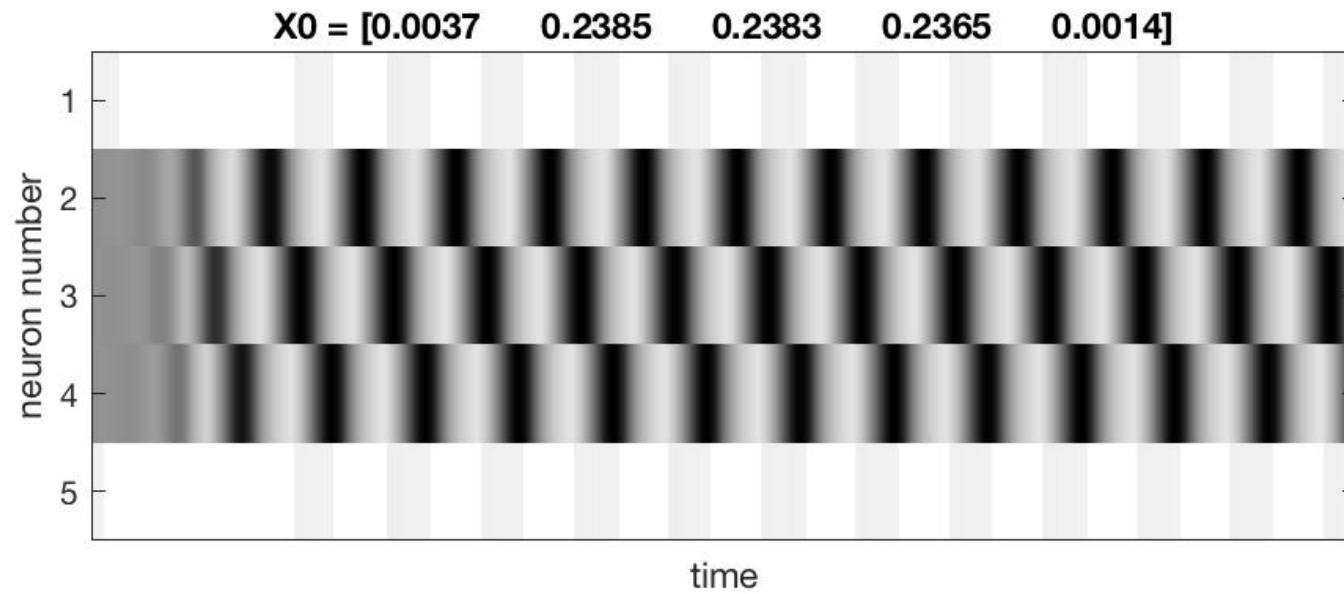
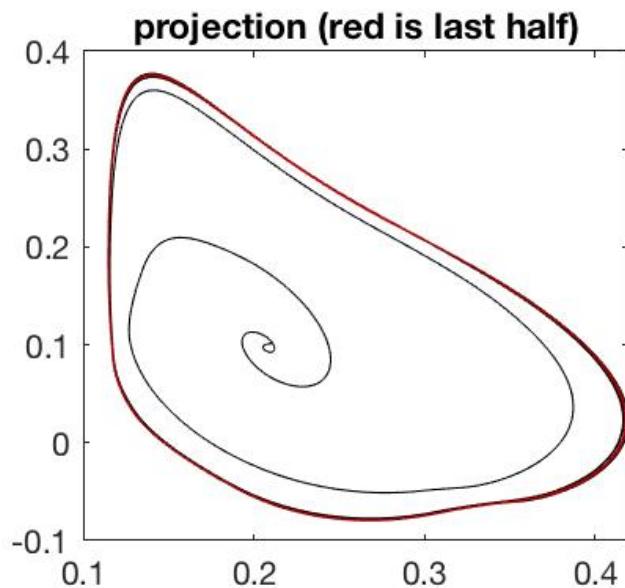
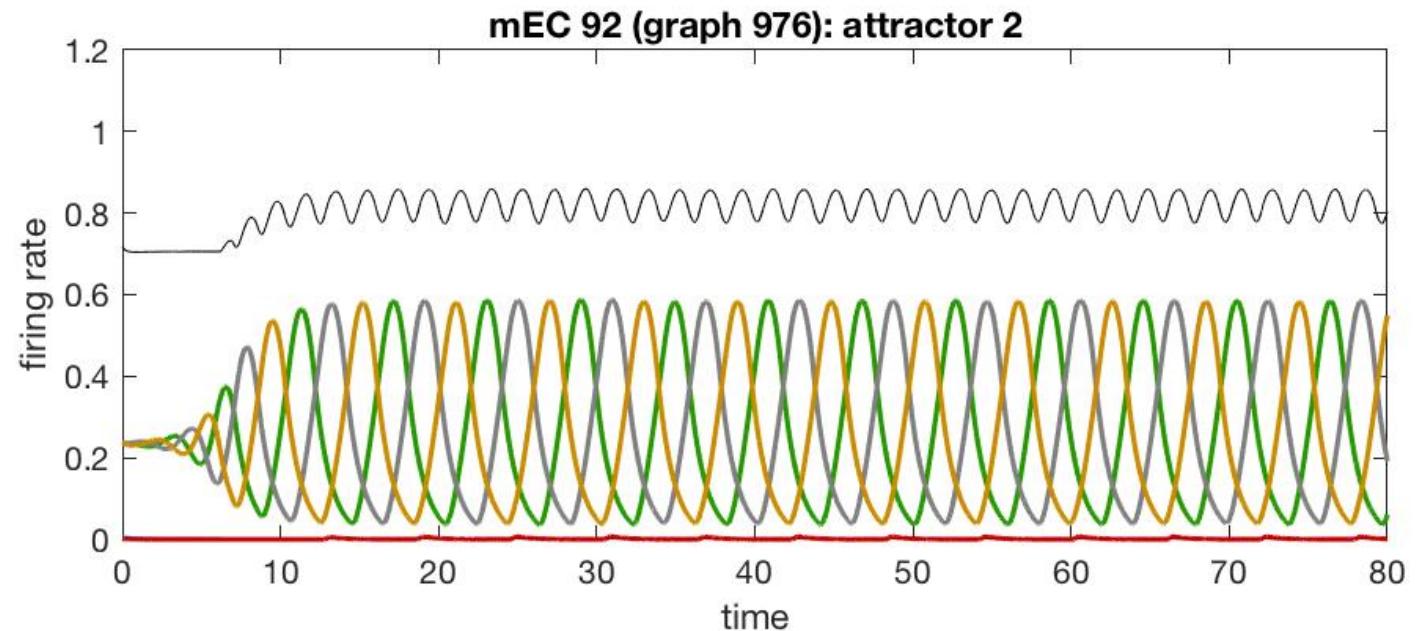
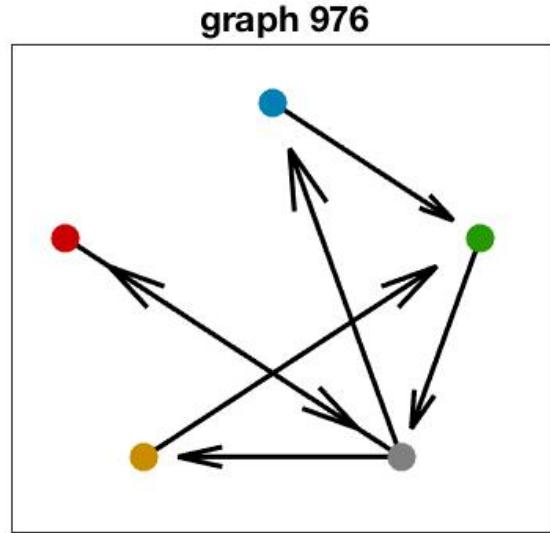
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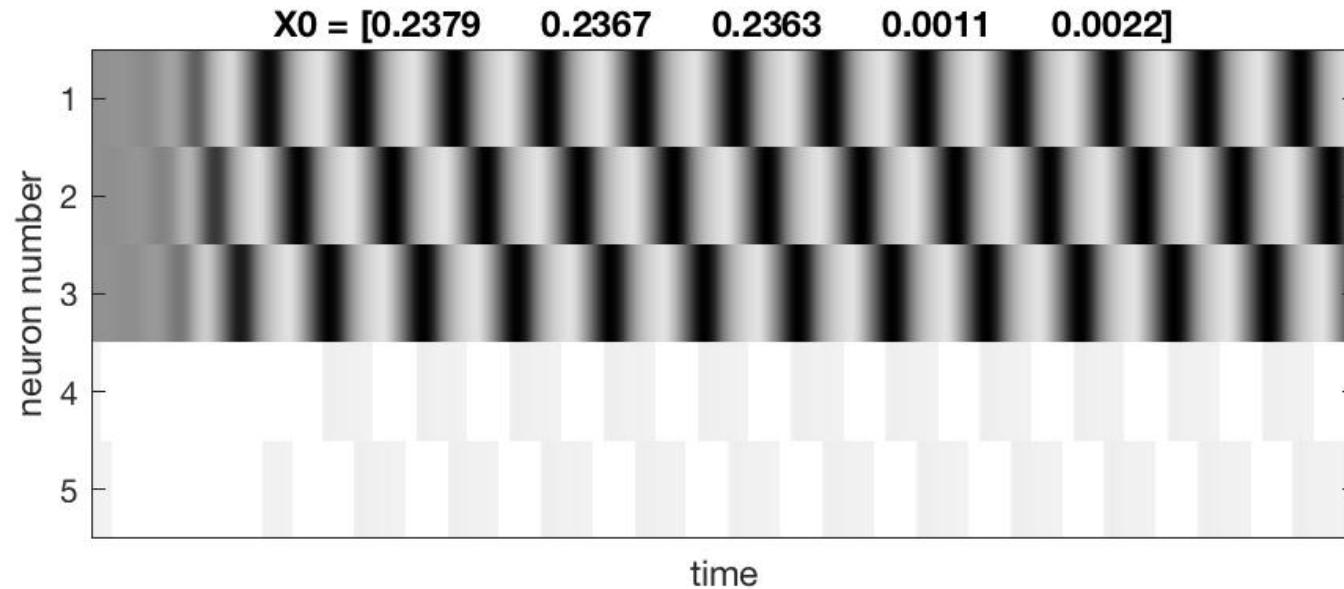
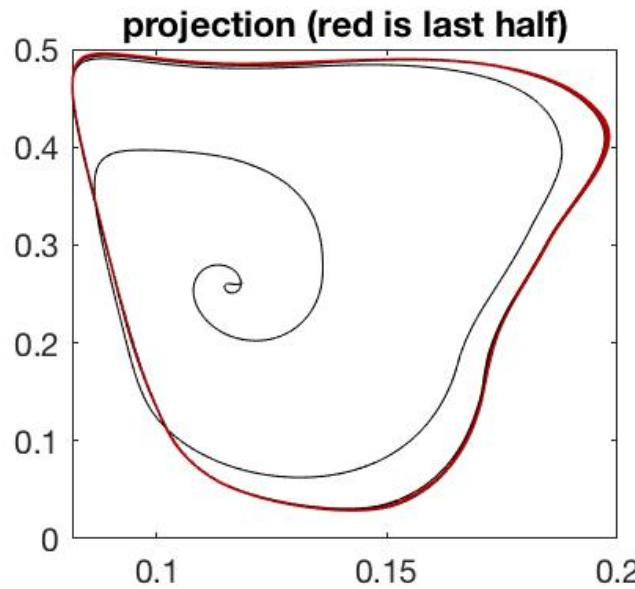
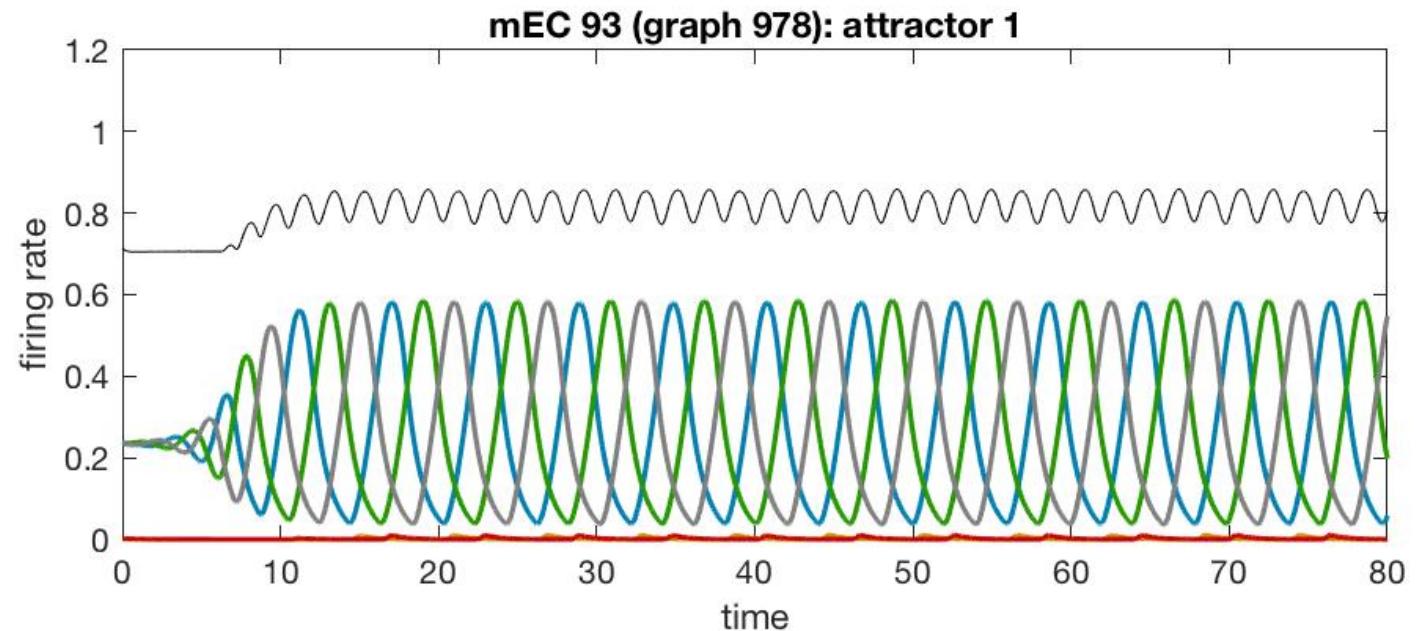
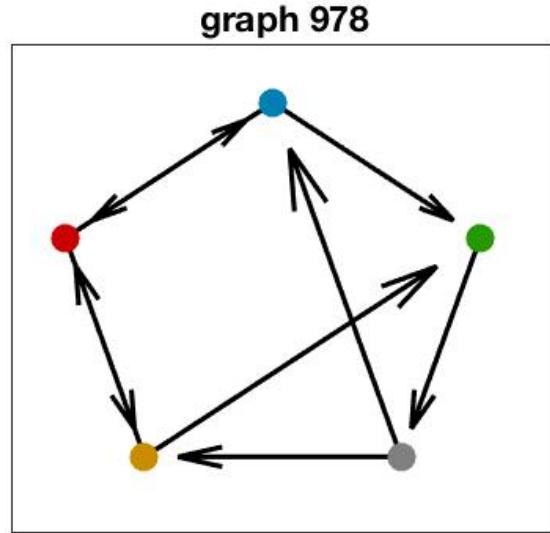
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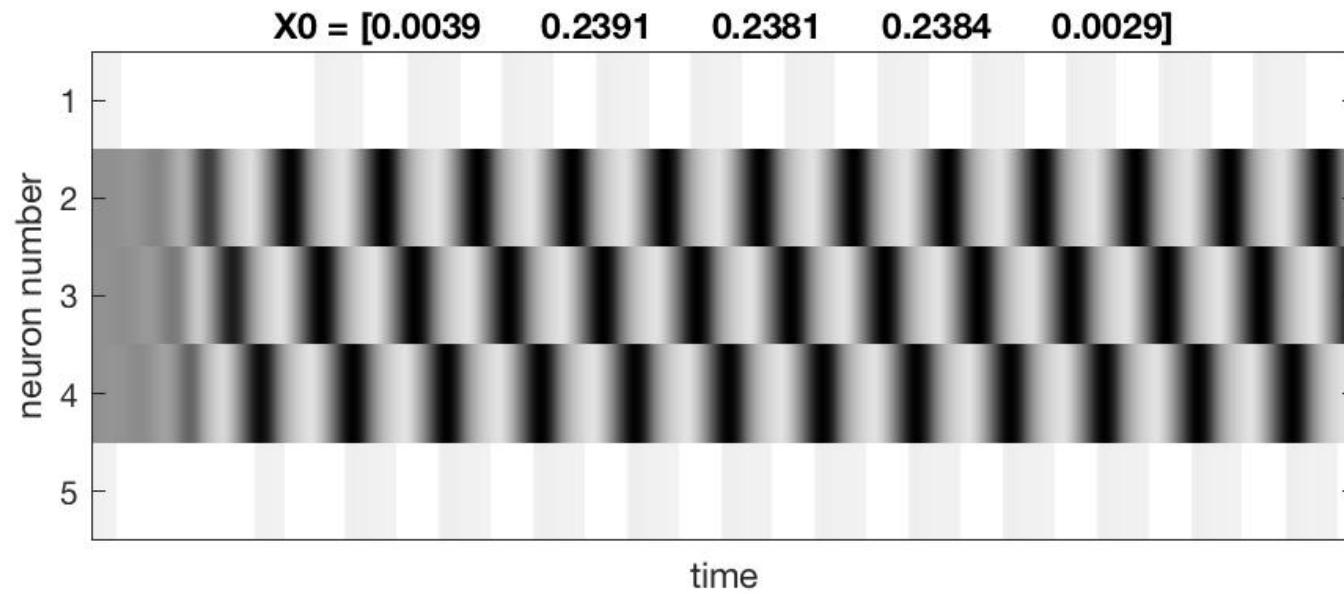
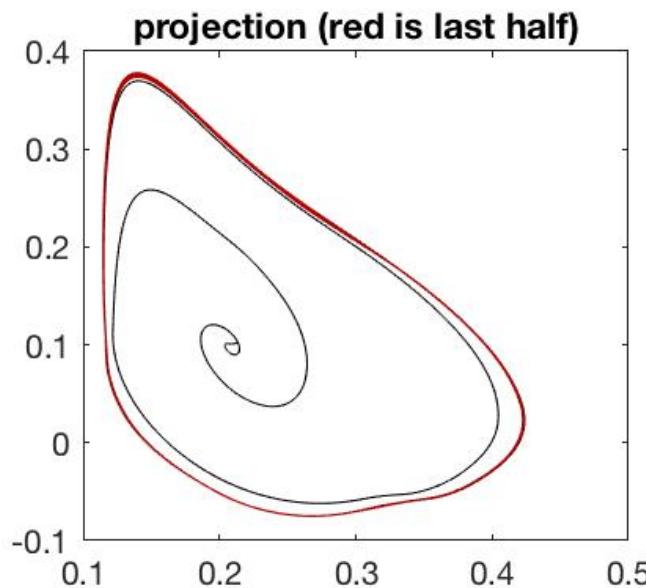
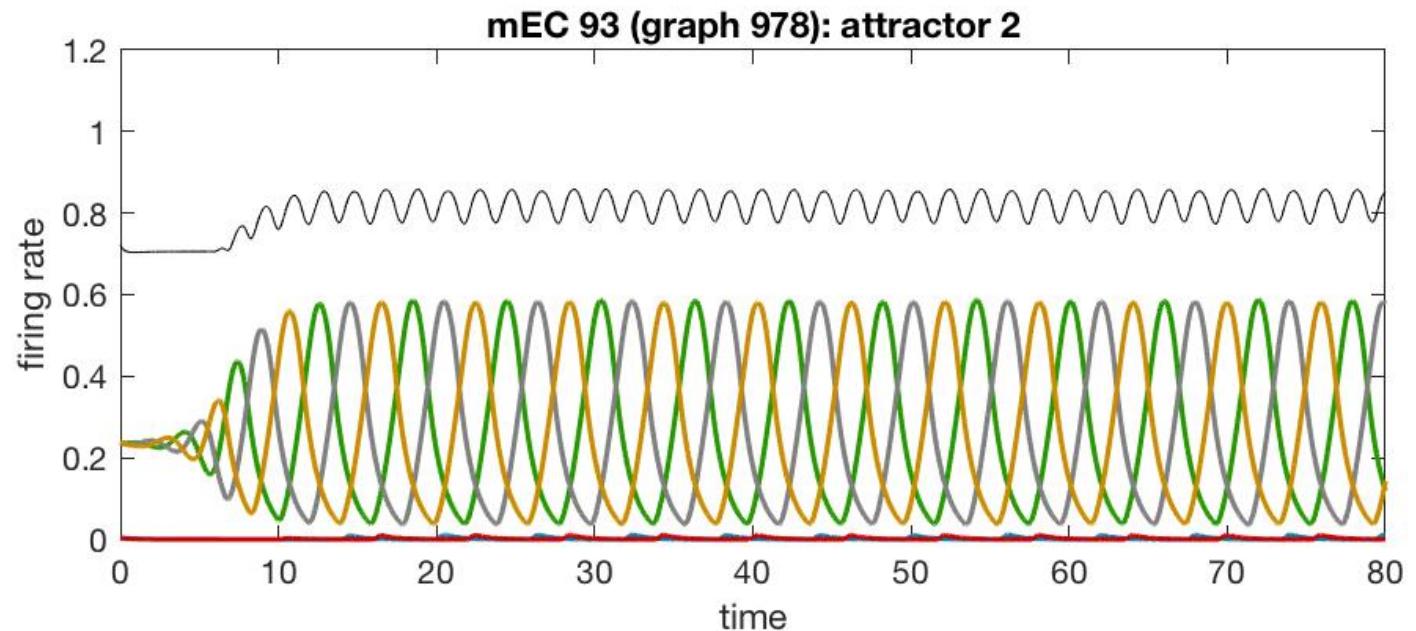
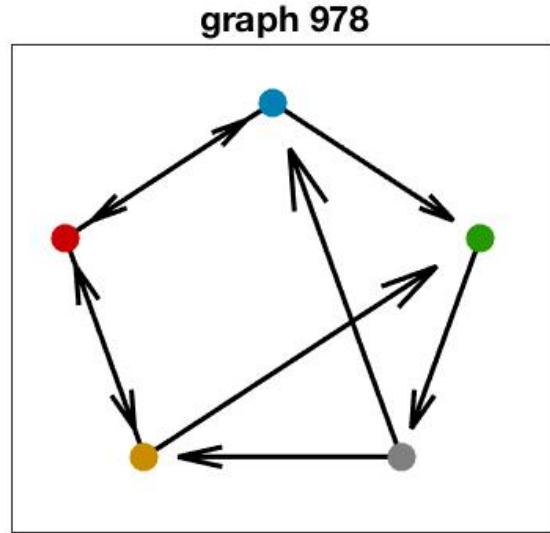
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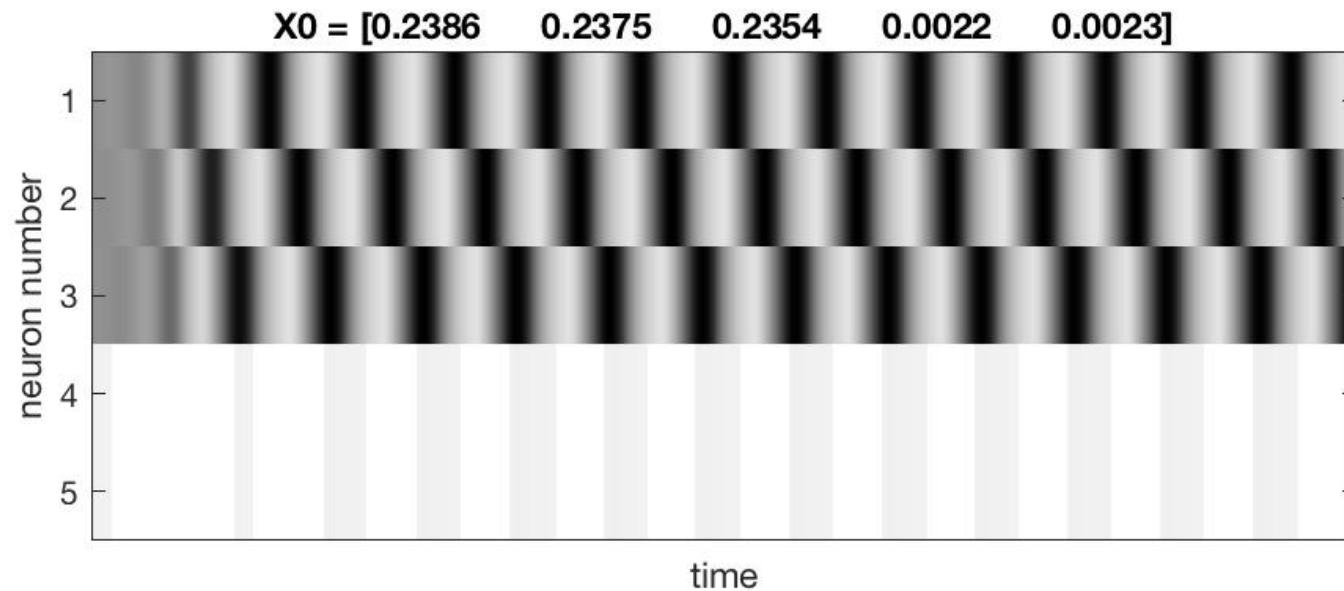
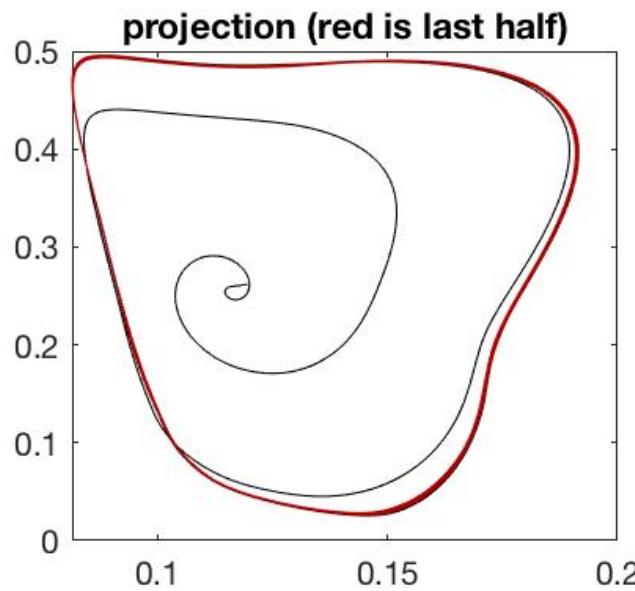
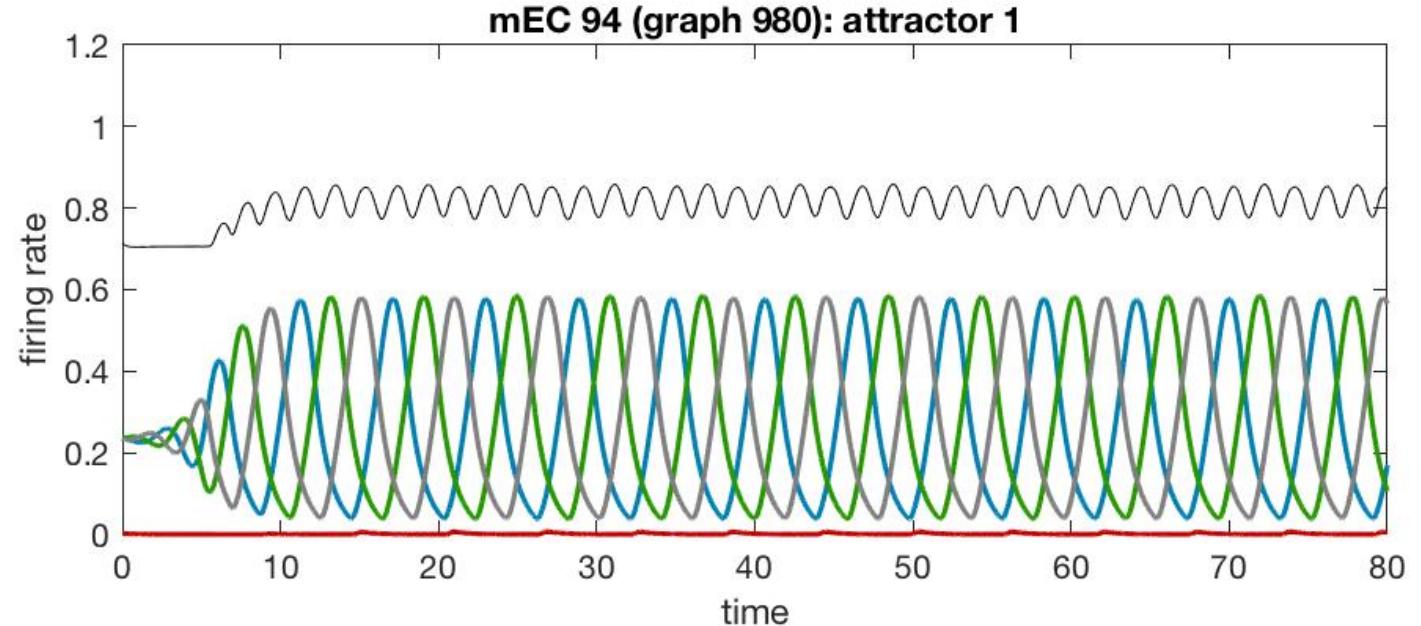
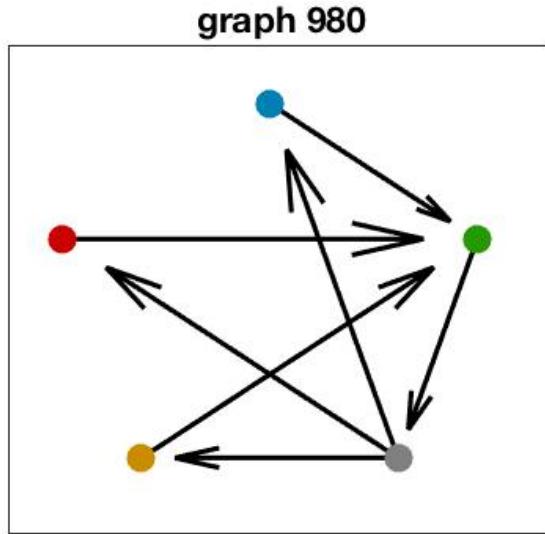
mEC 93



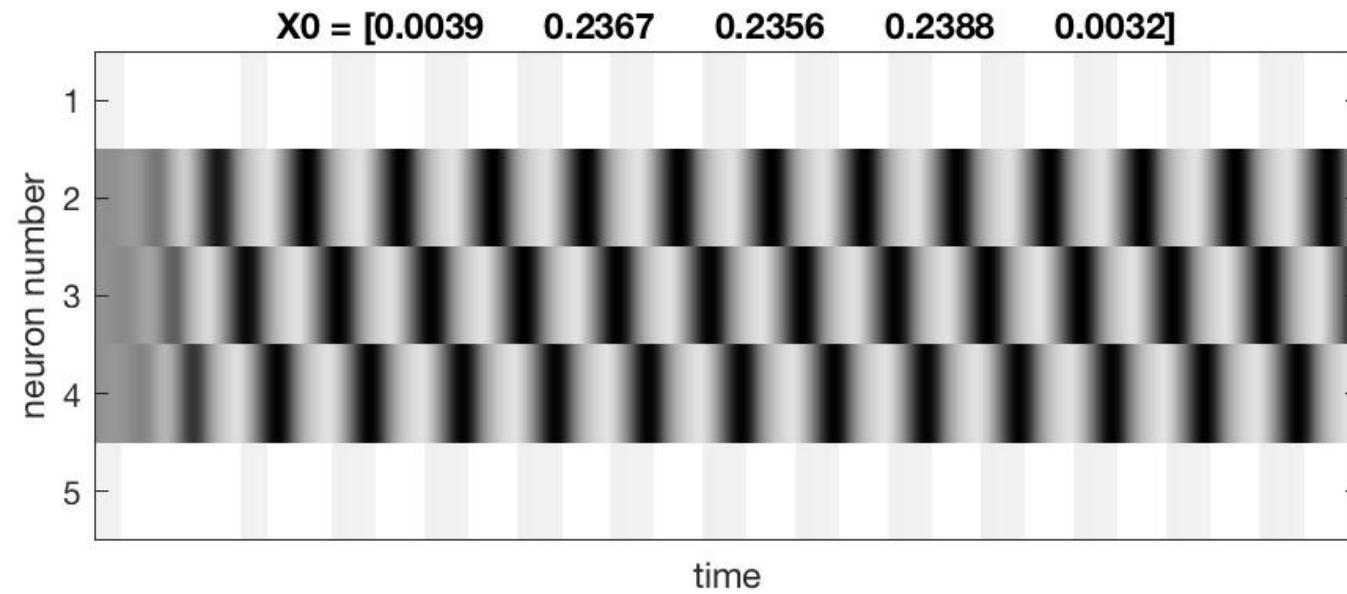
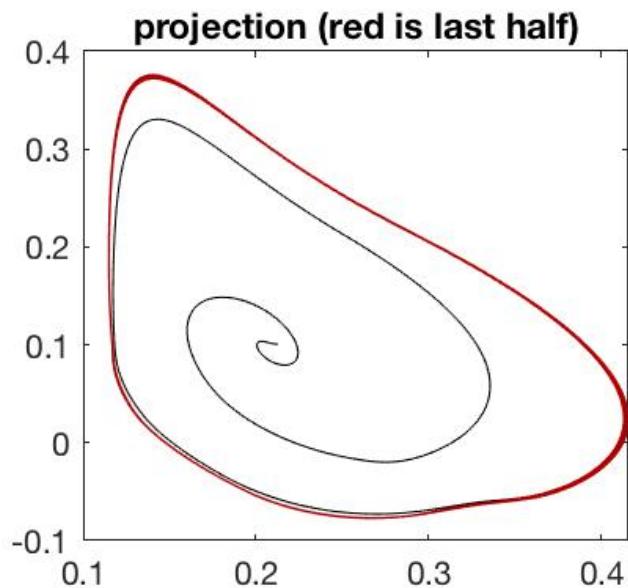
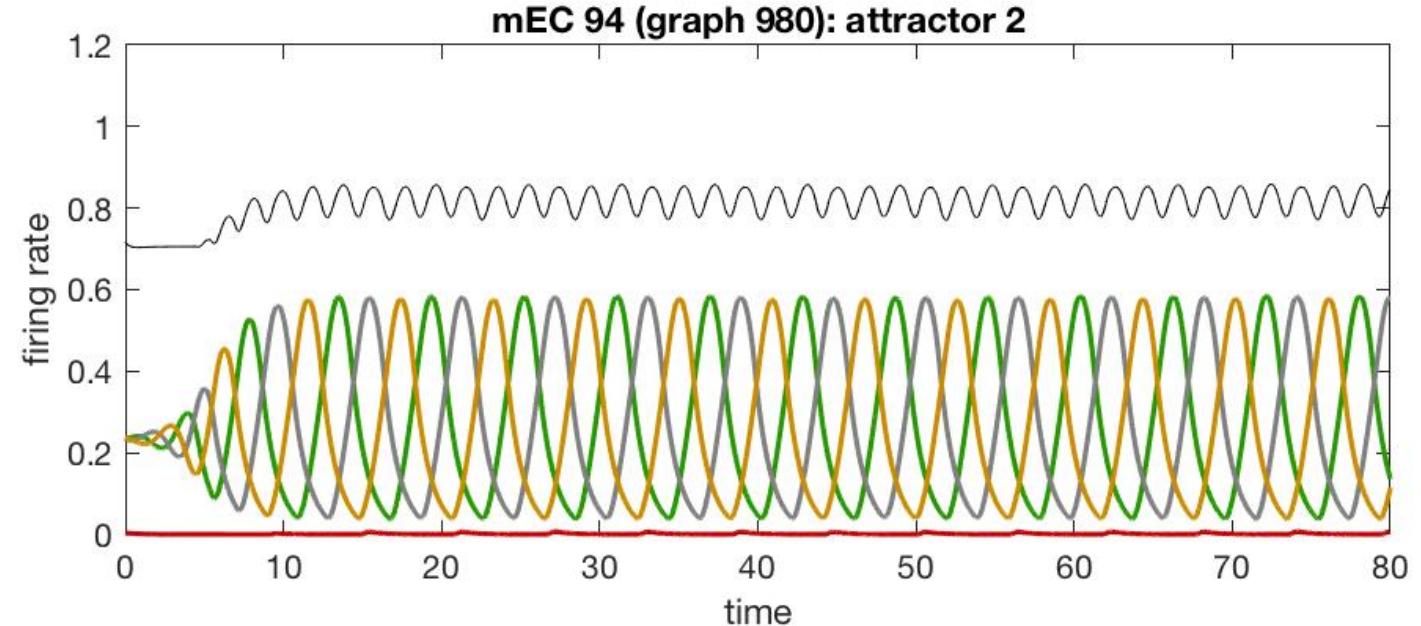
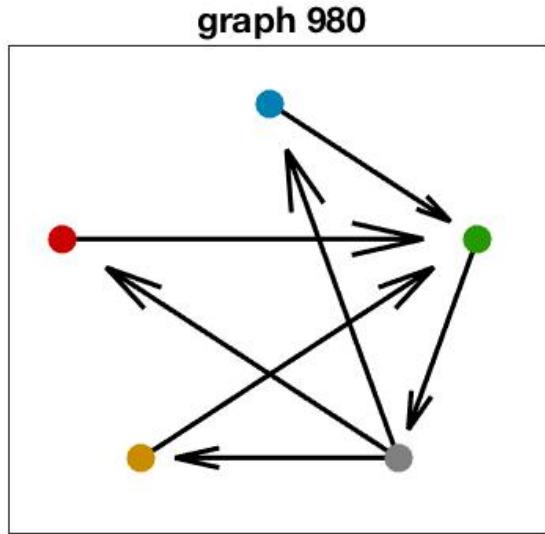
mEC 93



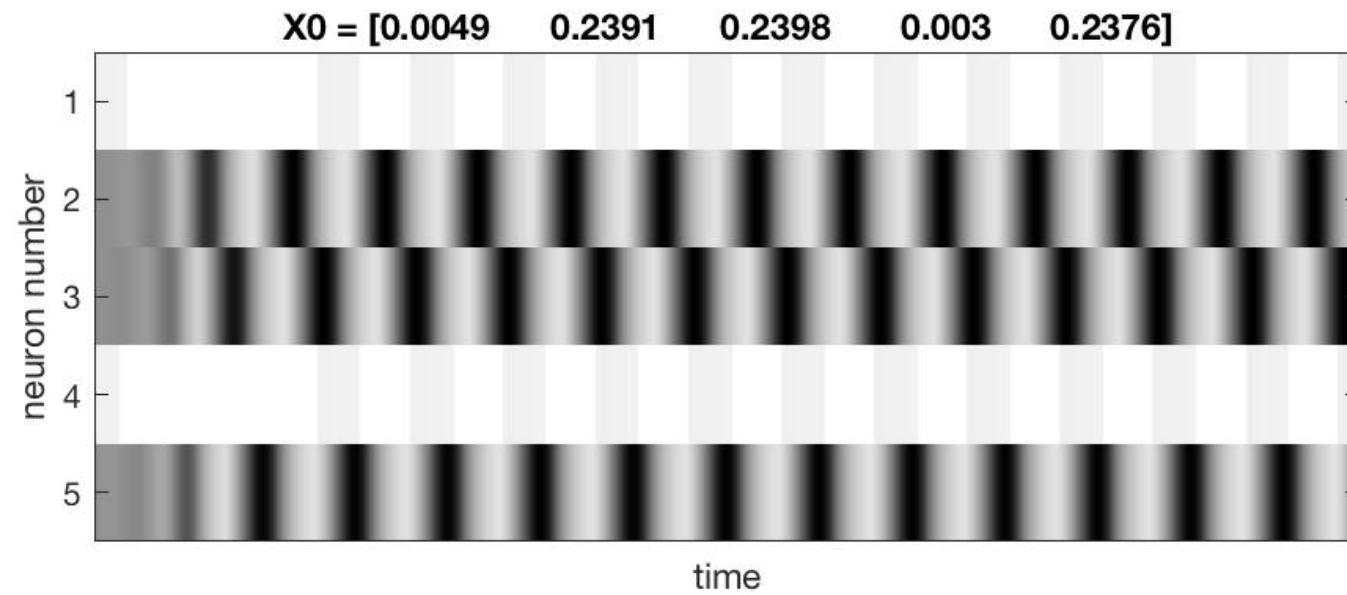
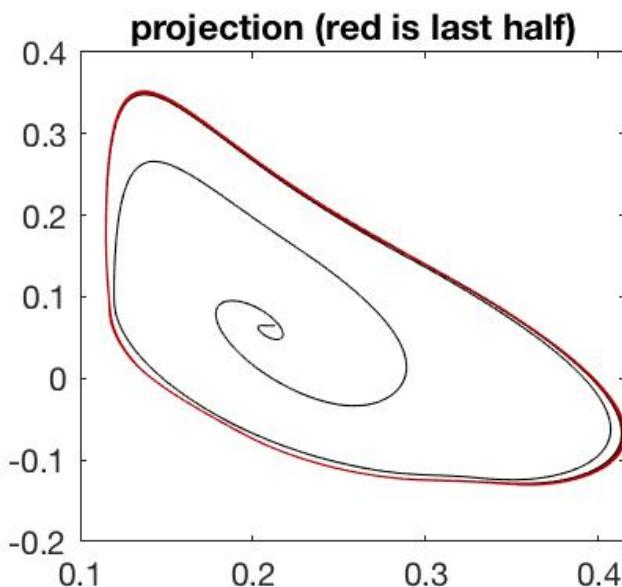
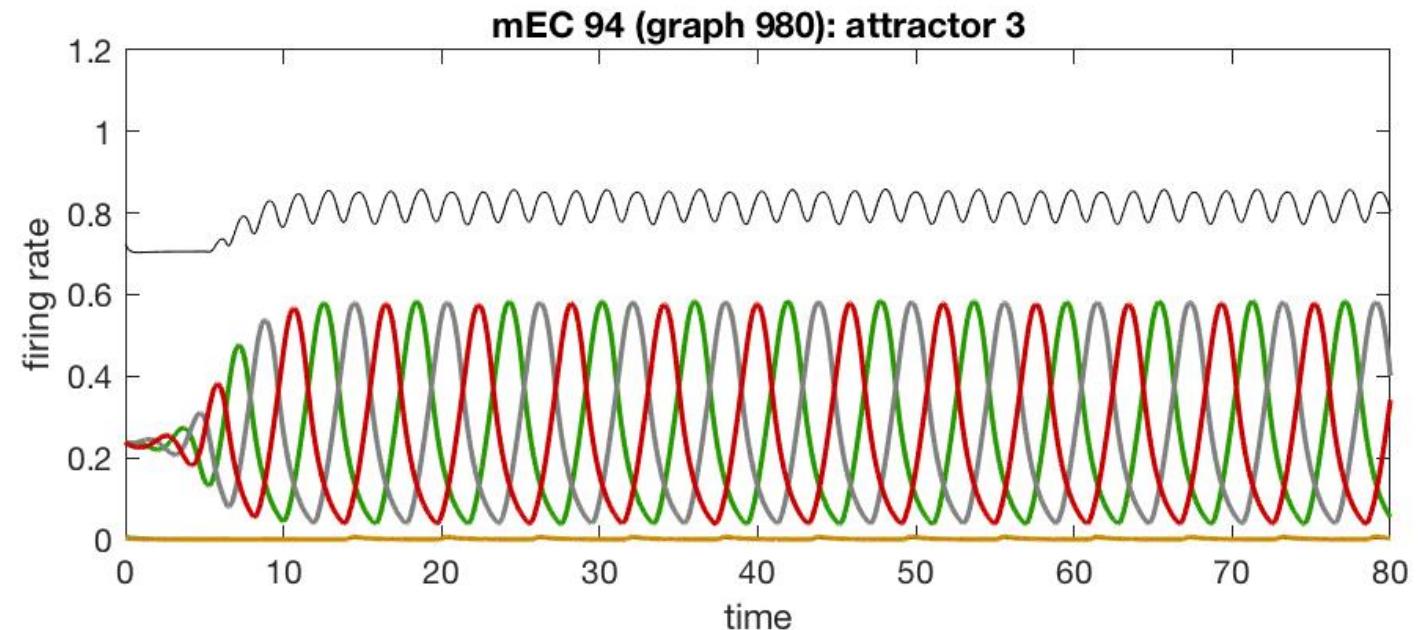
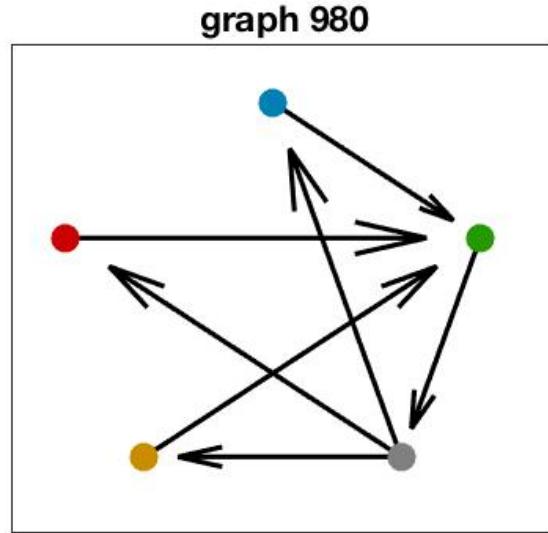
mEC 94



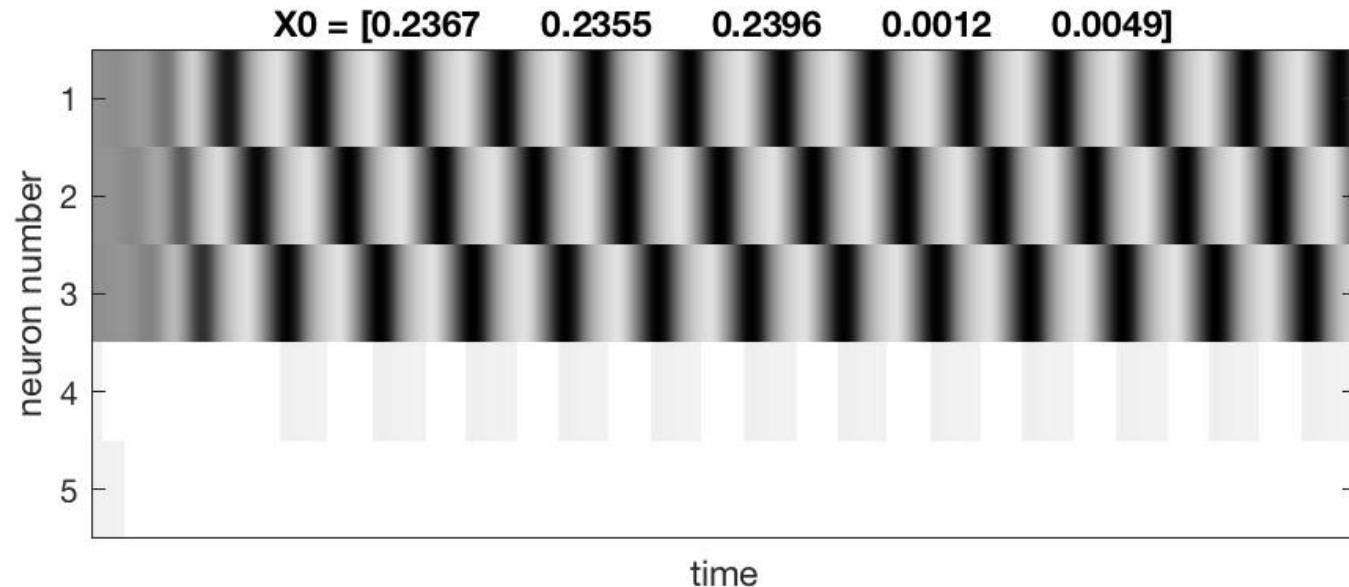
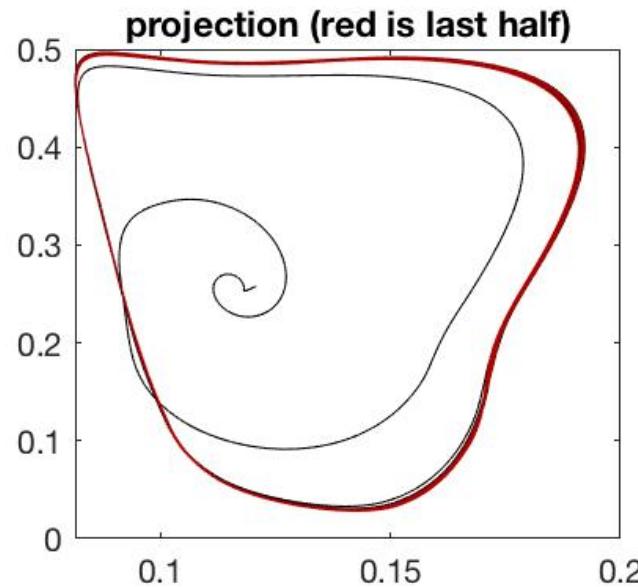
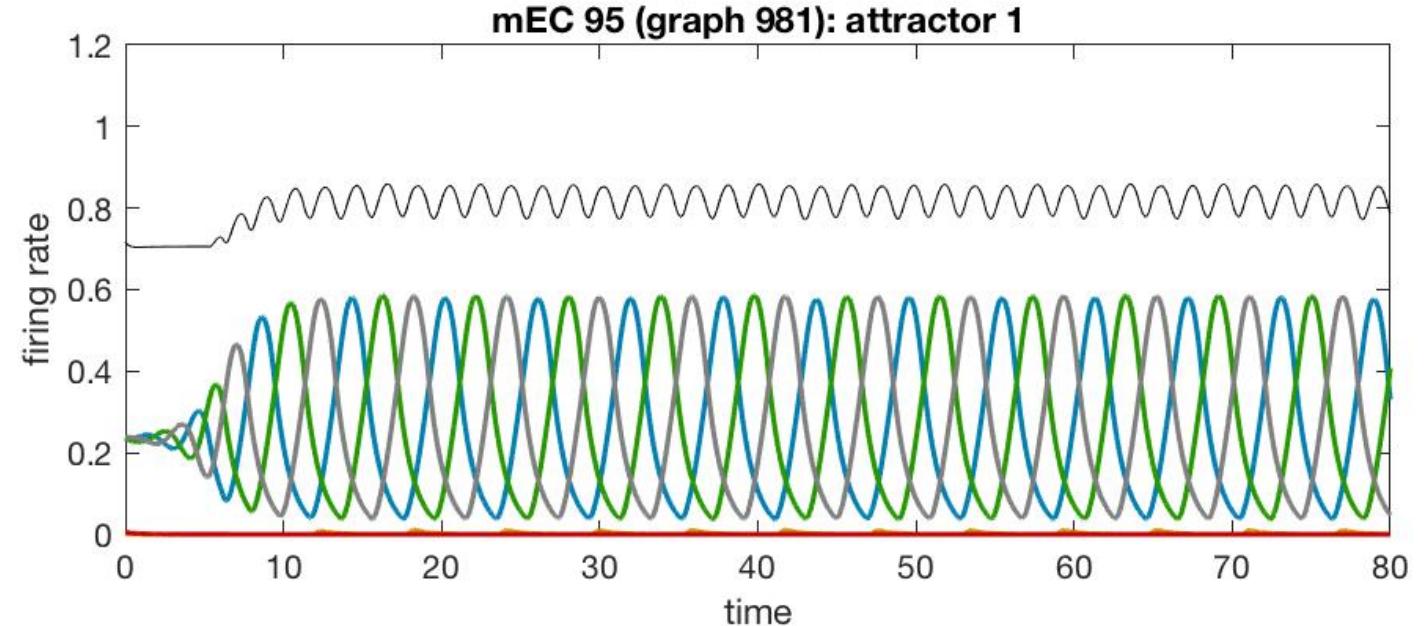
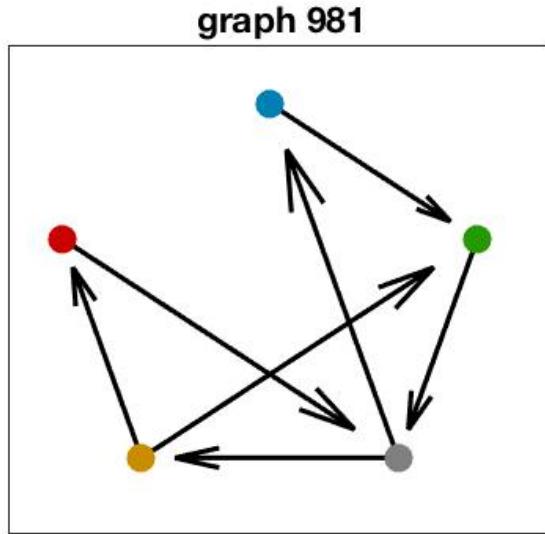
mEC 94



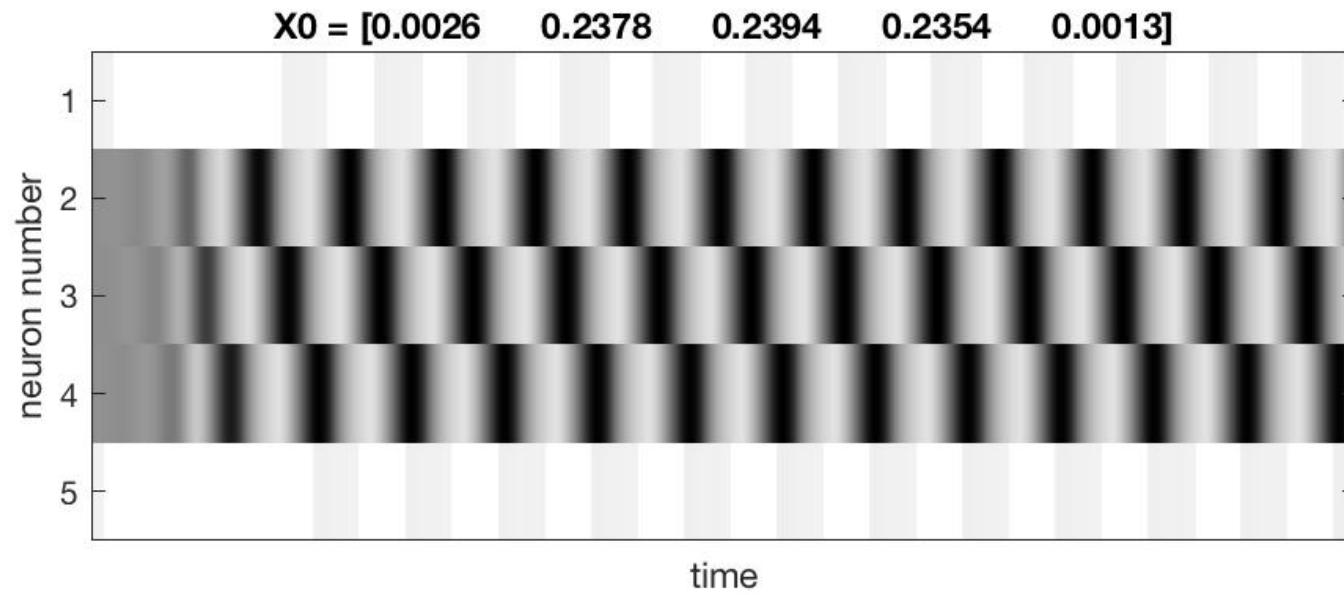
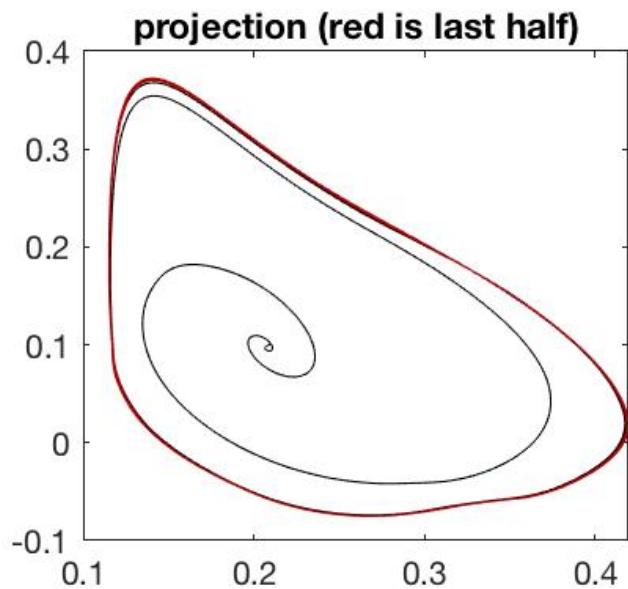
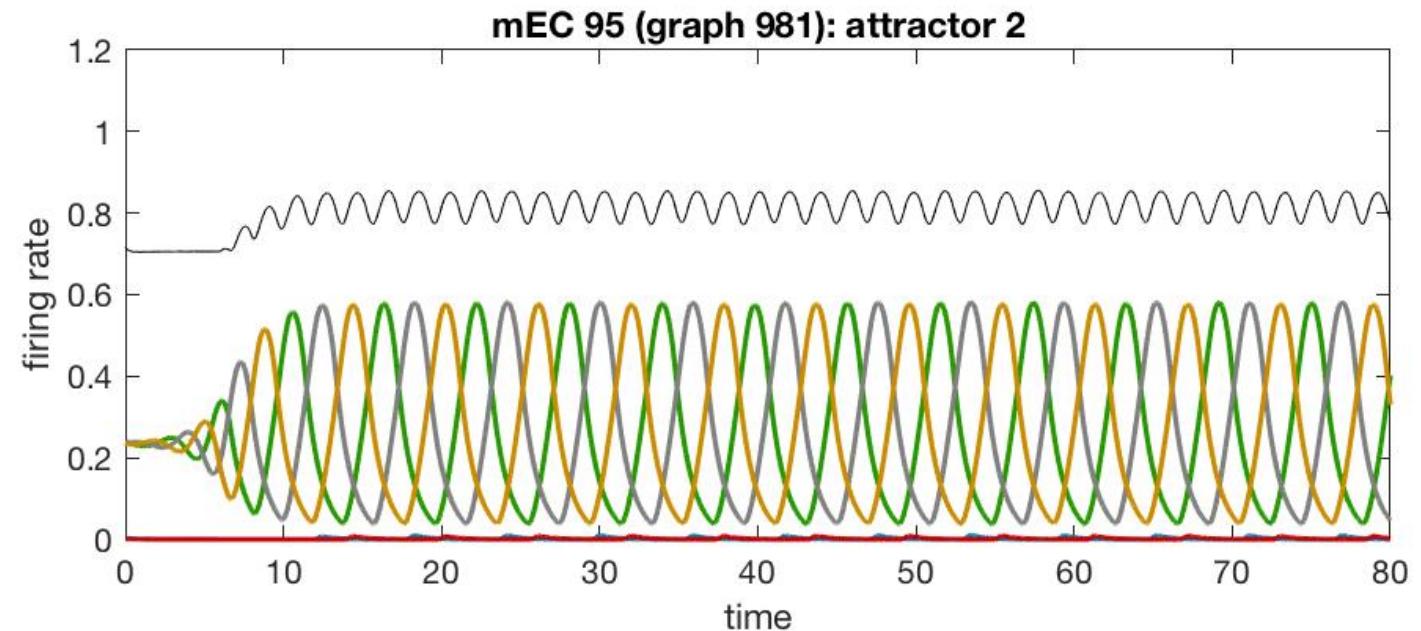
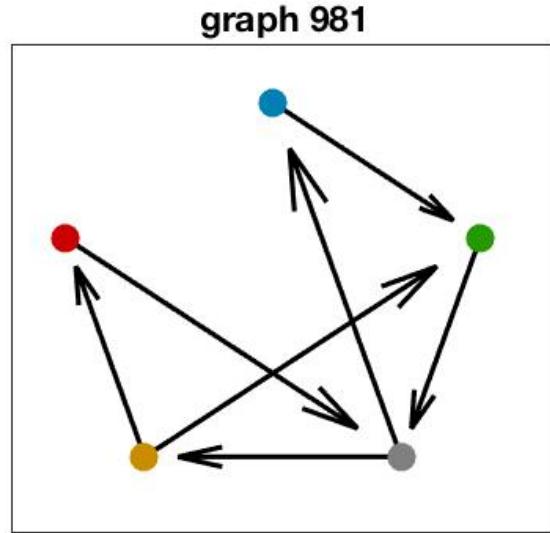
mEC 94



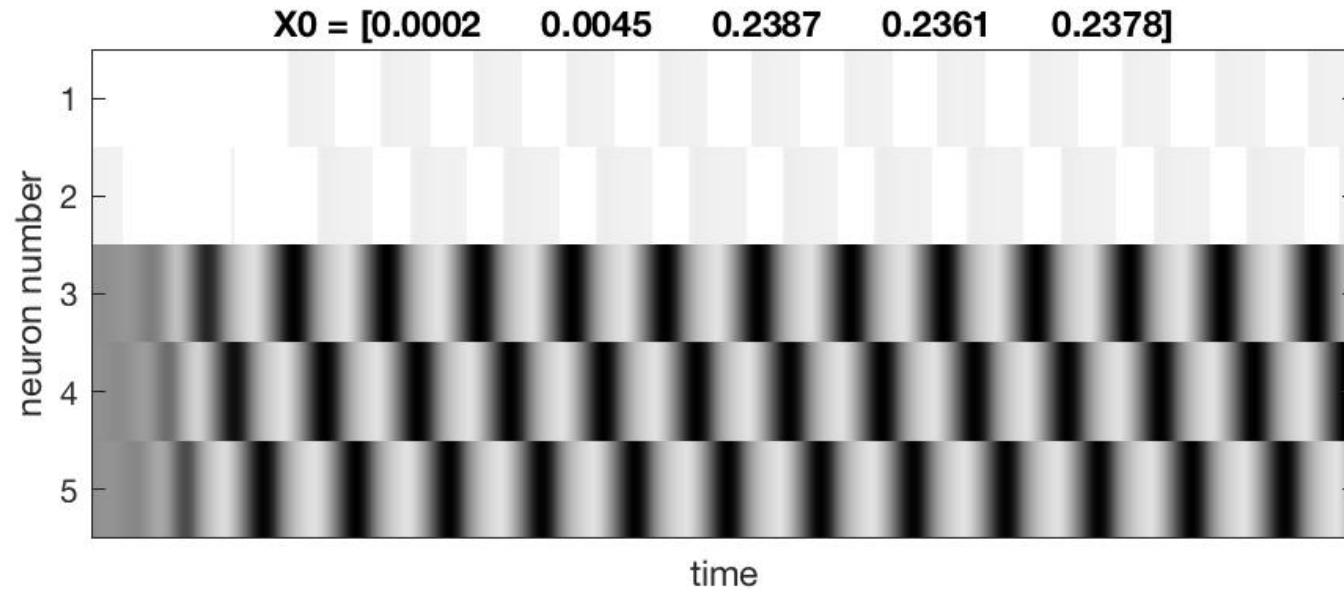
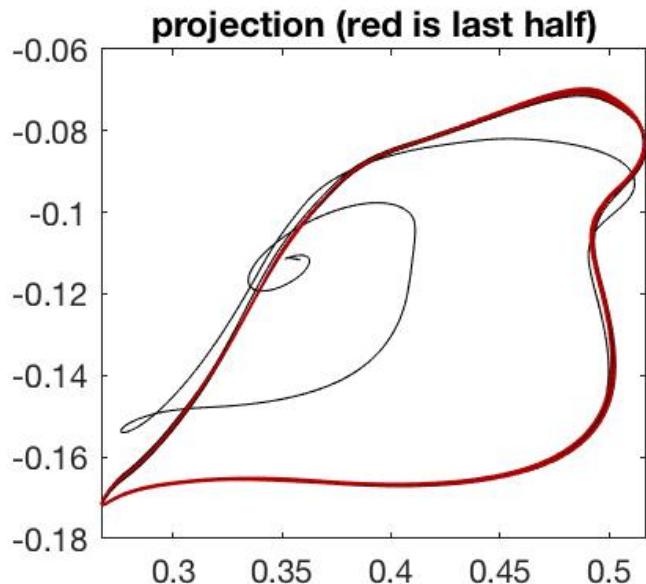
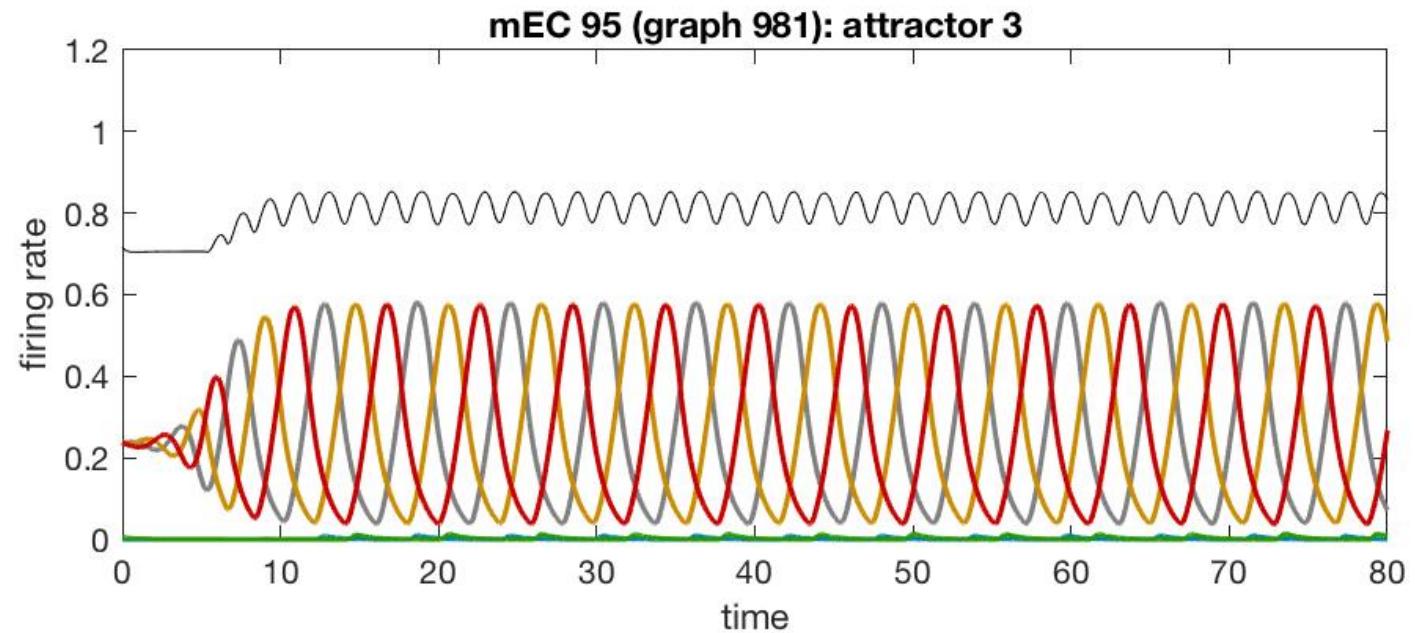
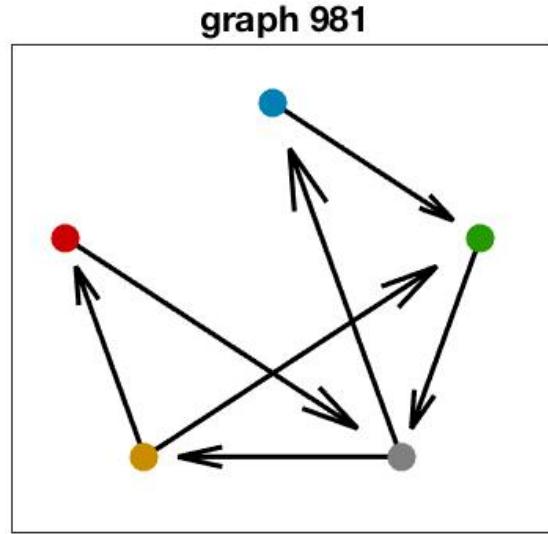
mEC 95



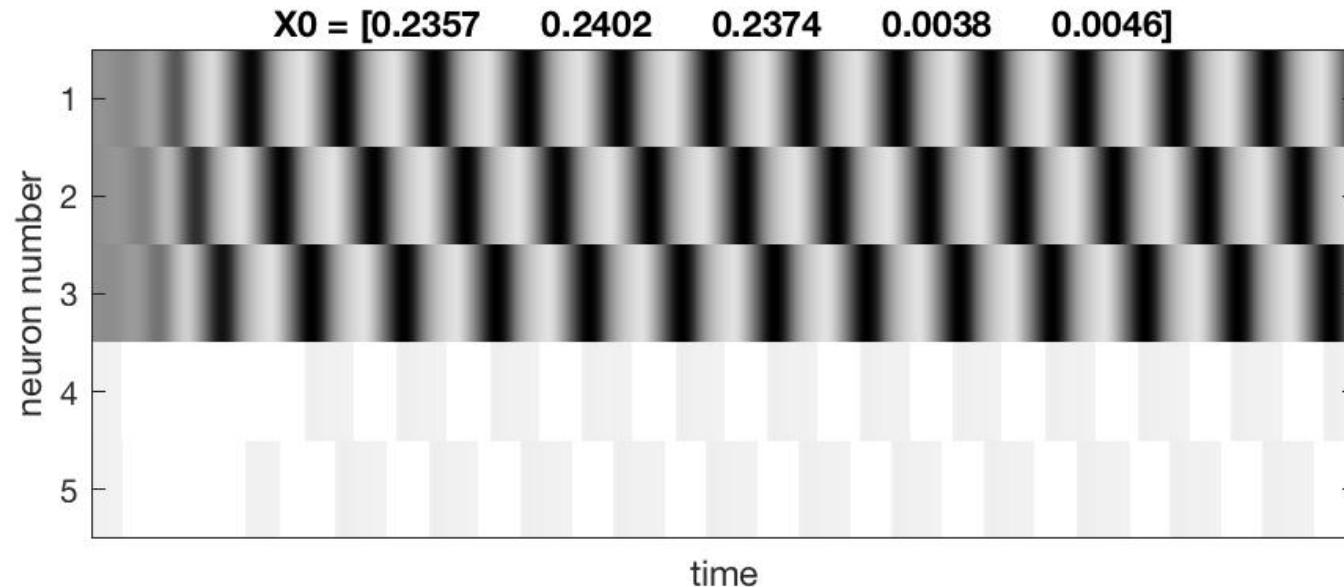
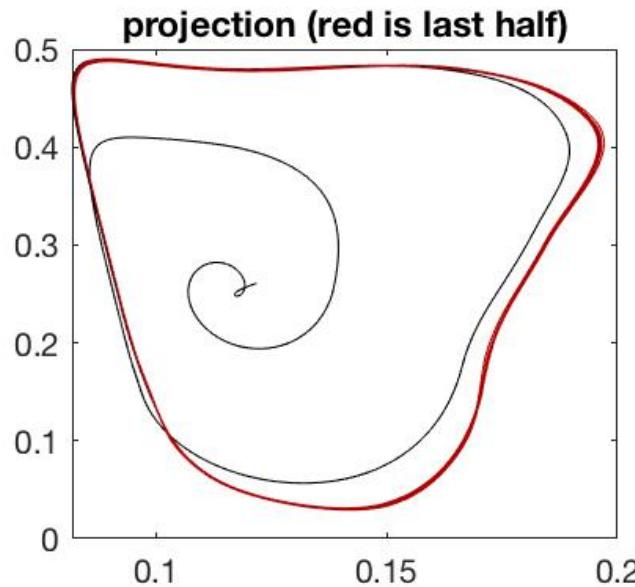
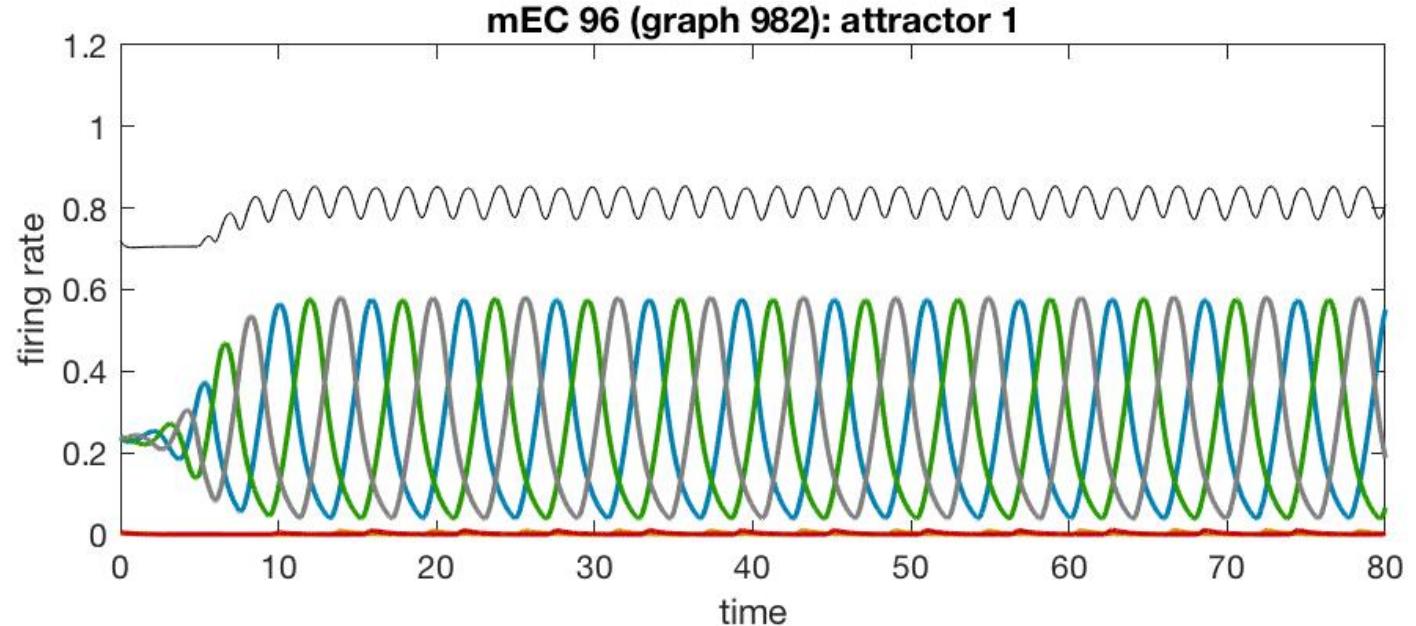
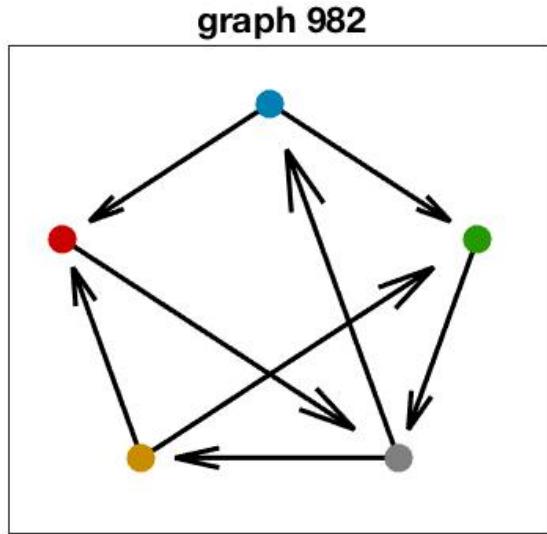
mEC 95



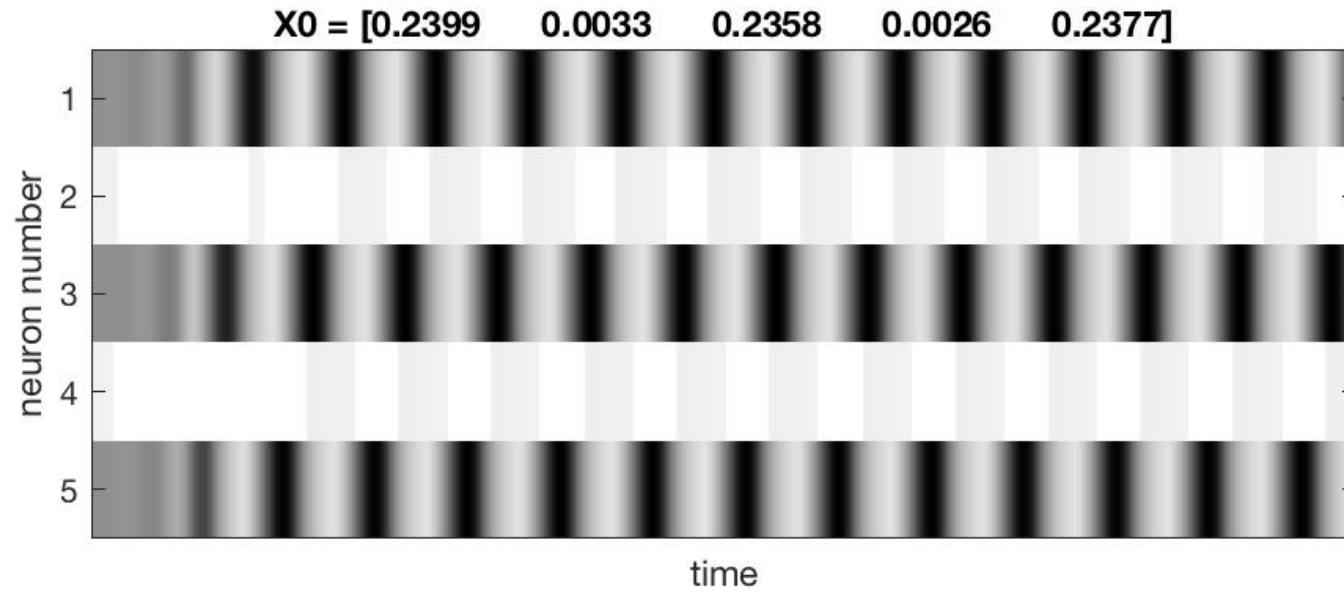
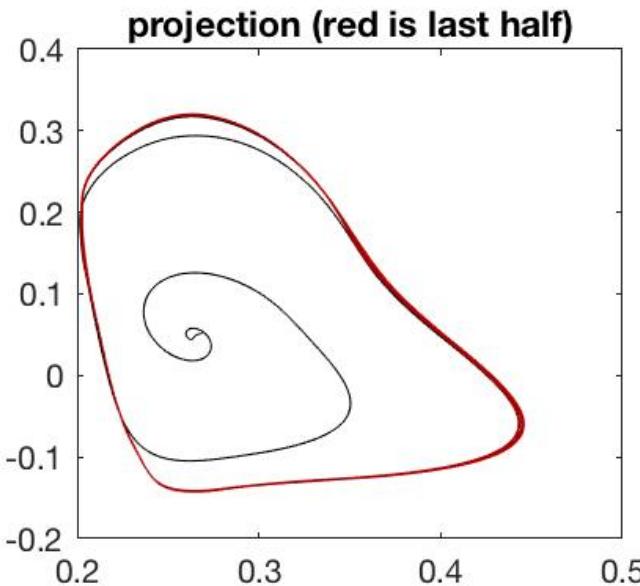
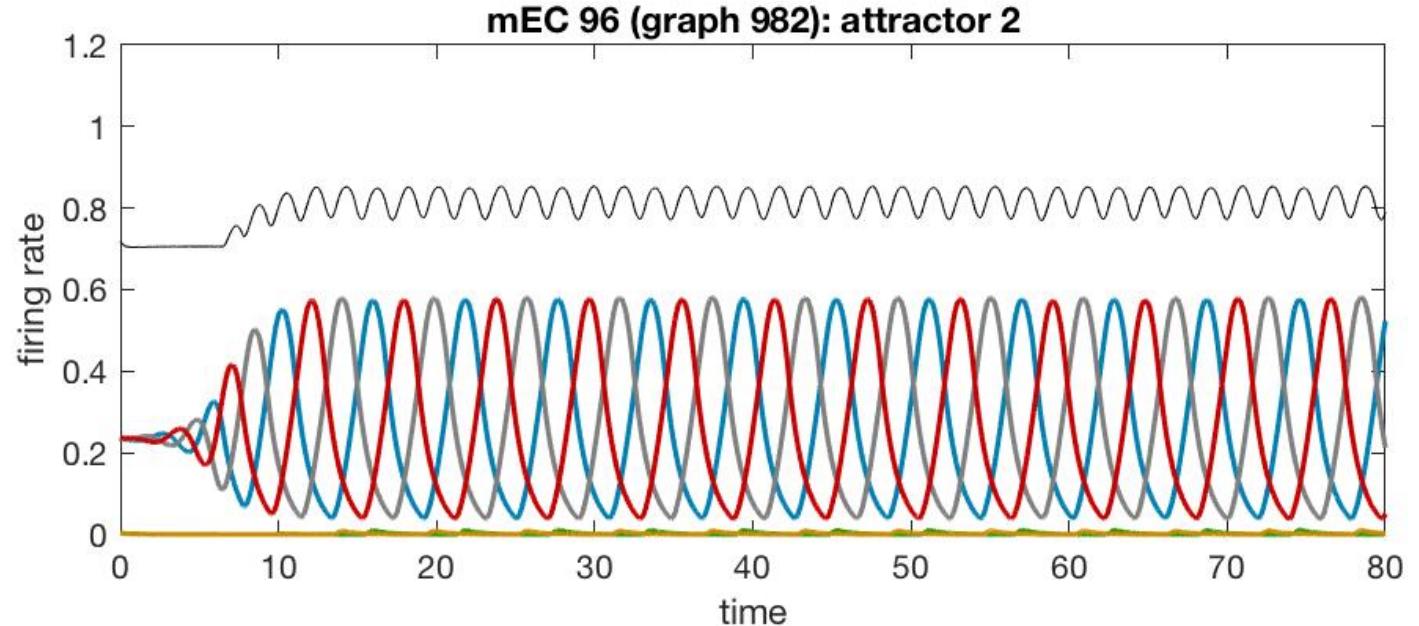
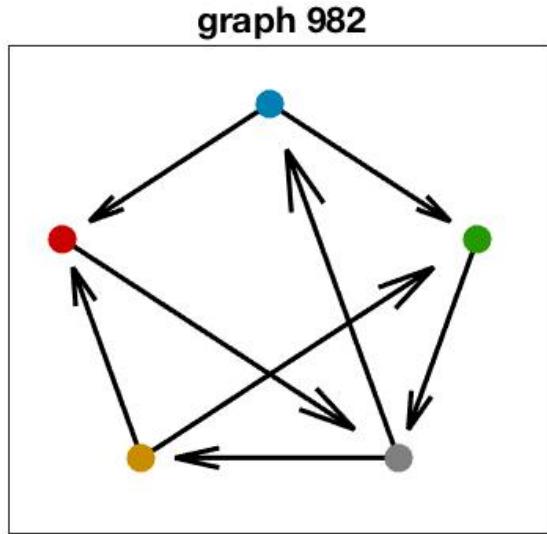
mEC 95



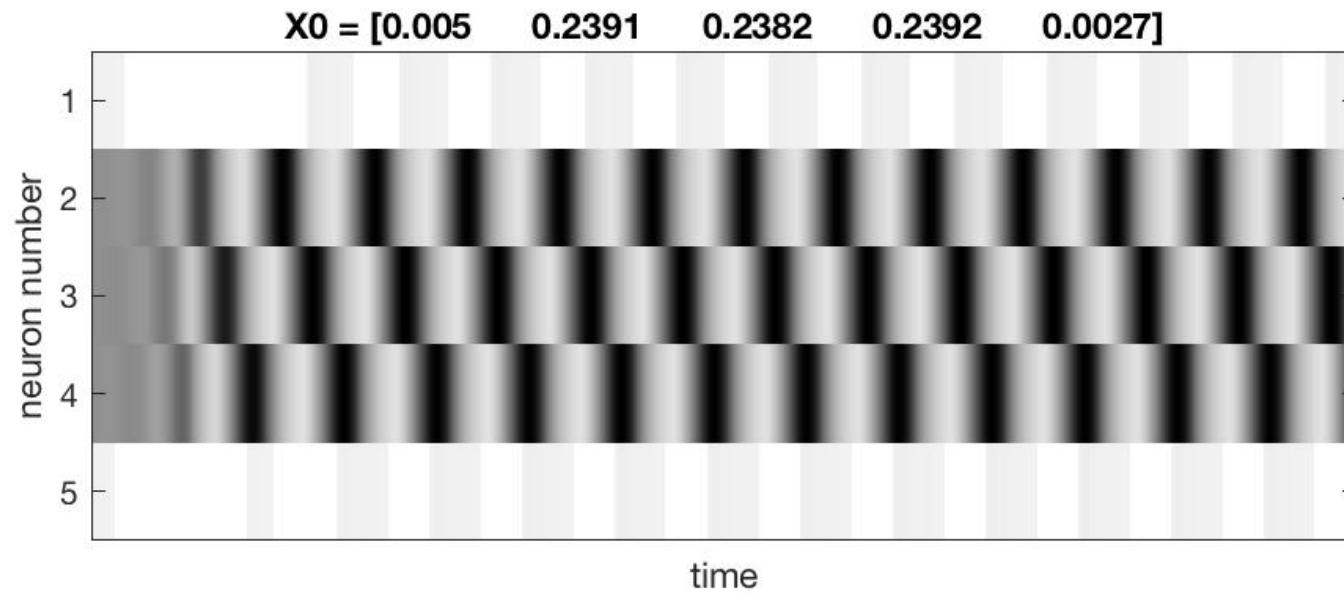
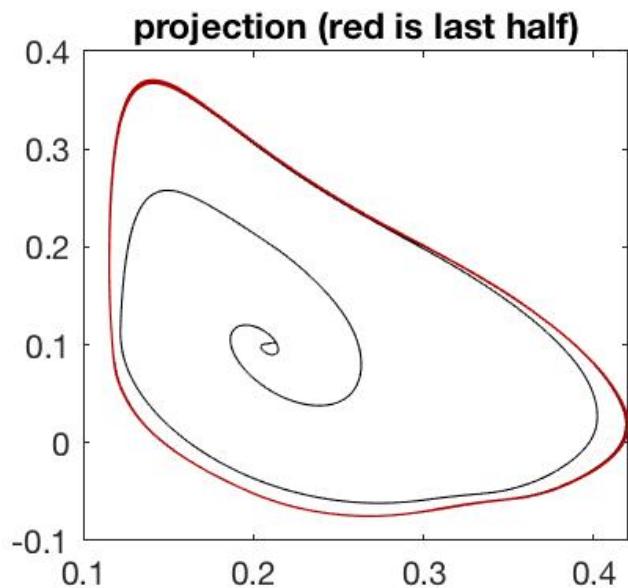
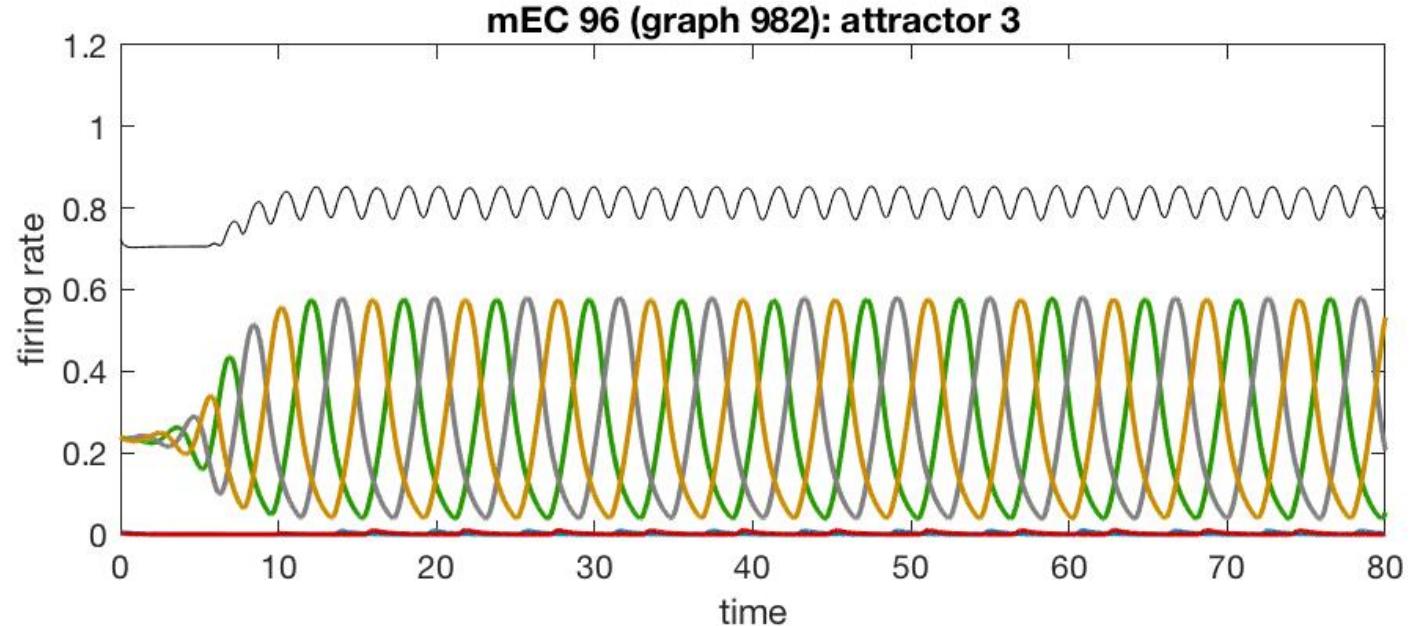
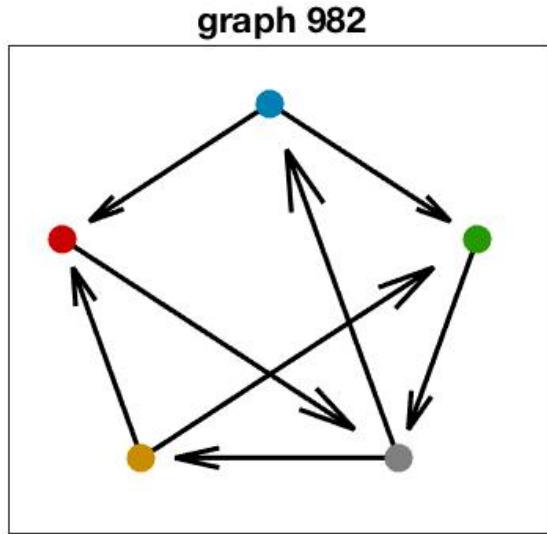
mEC 96



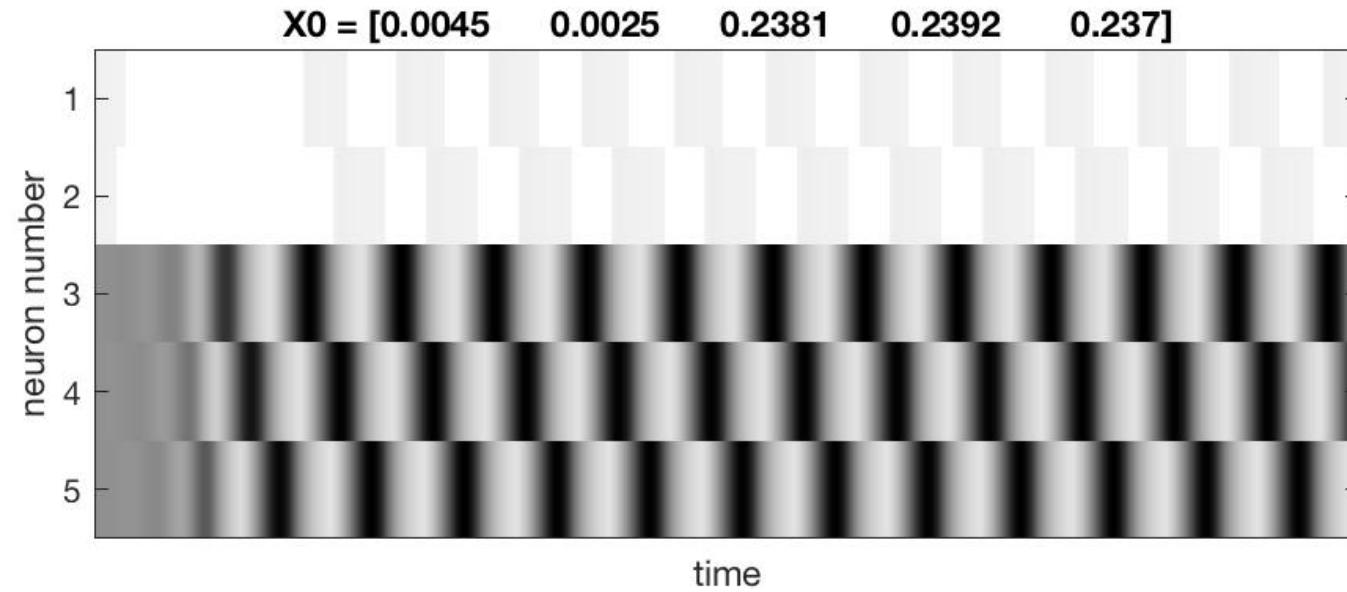
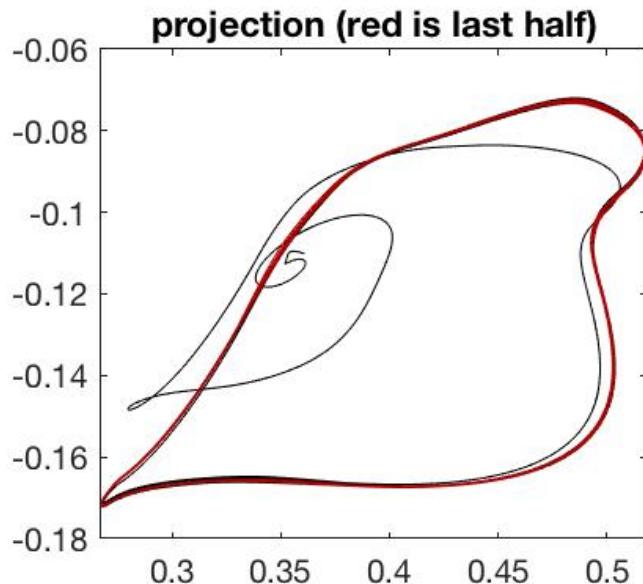
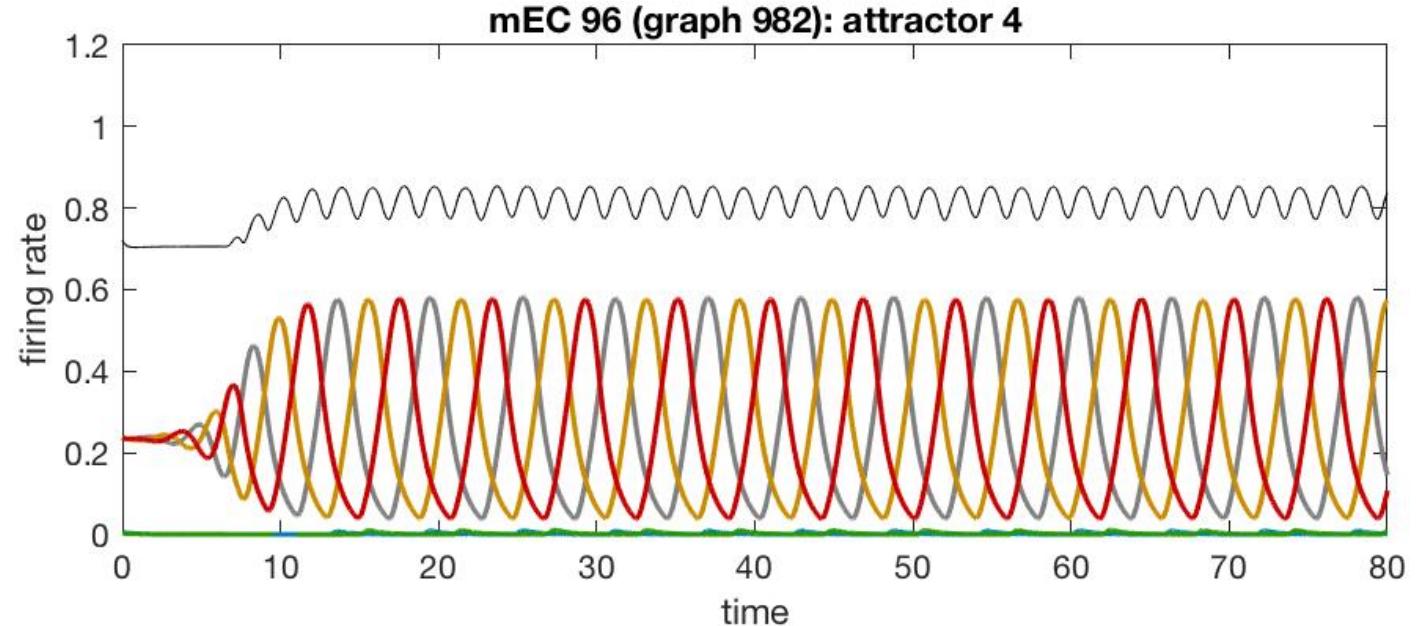
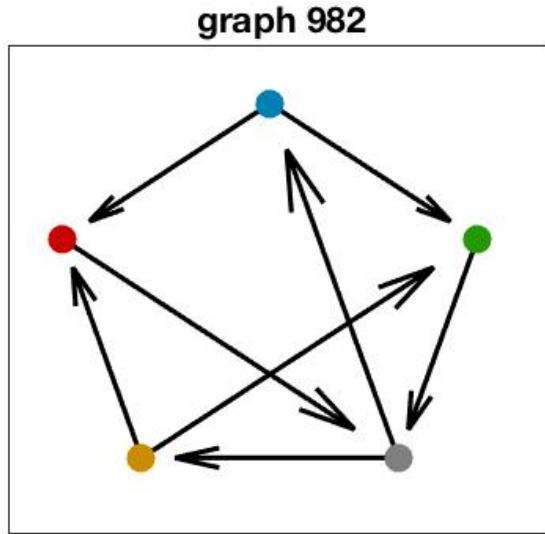
mEC 96



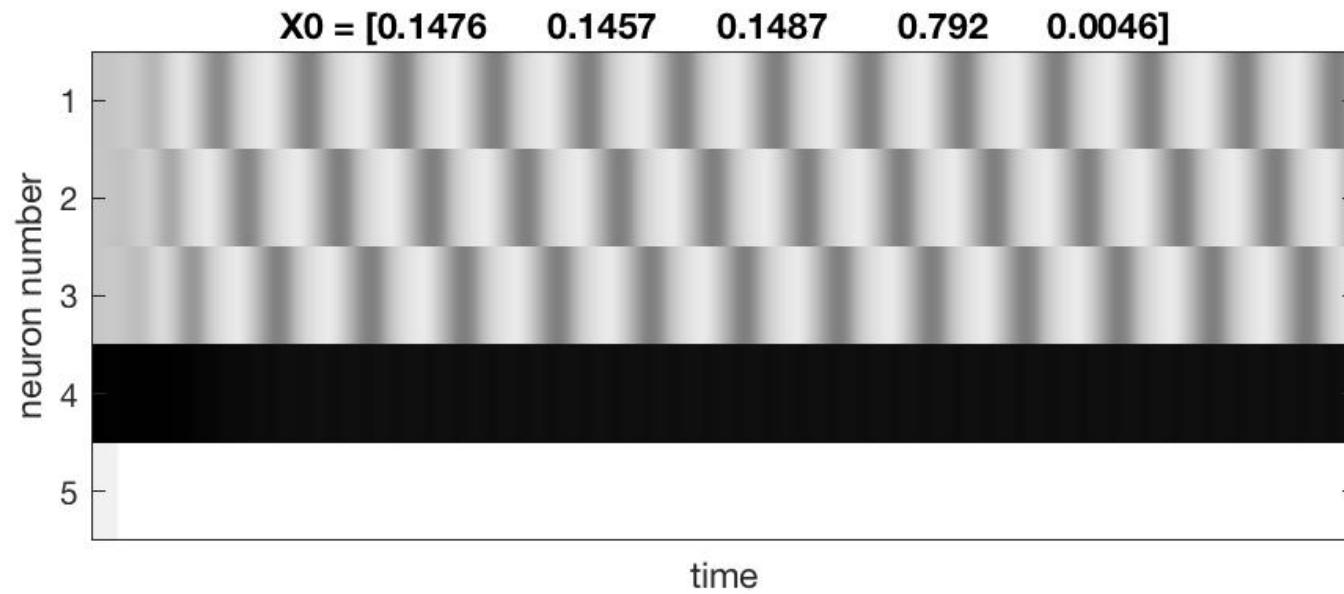
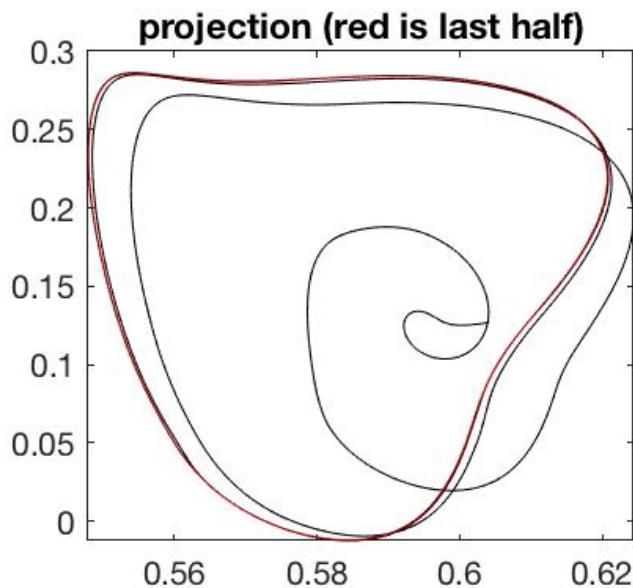
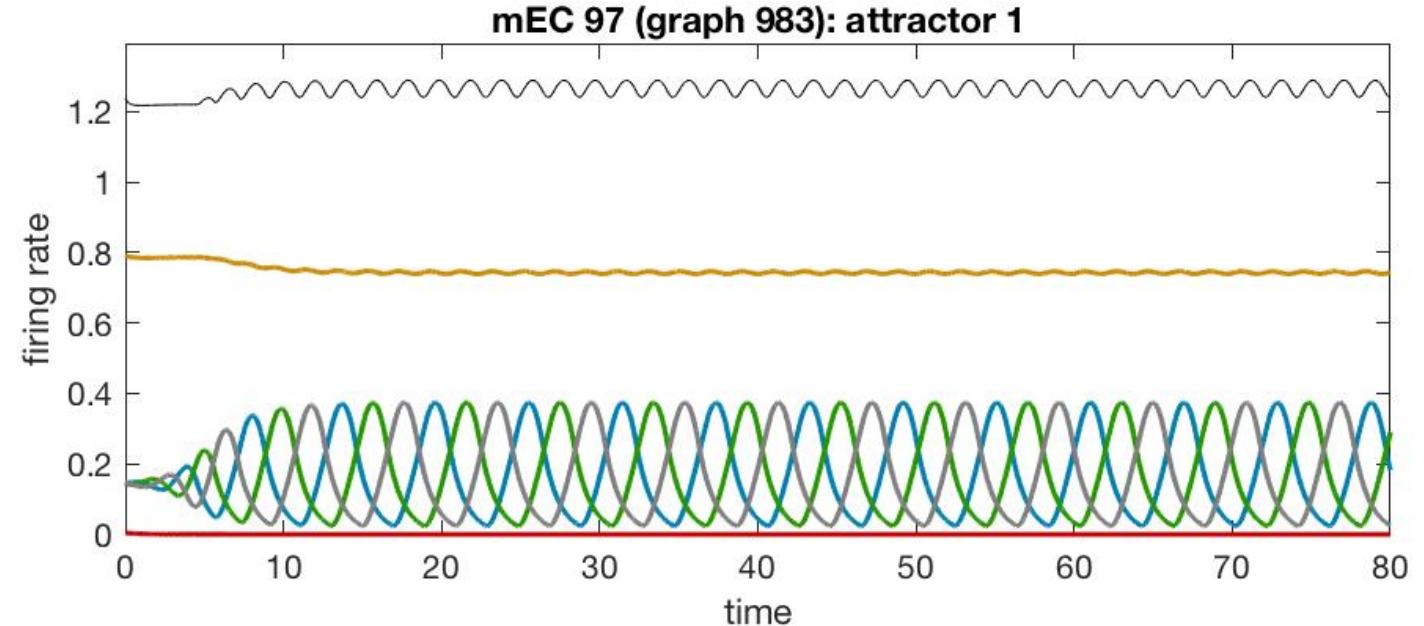
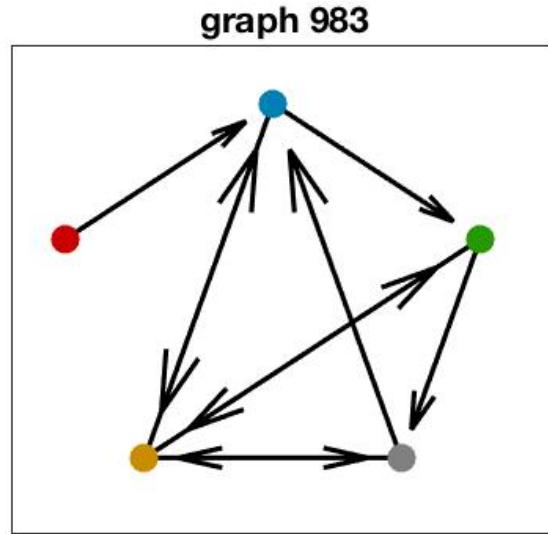
mEC 96



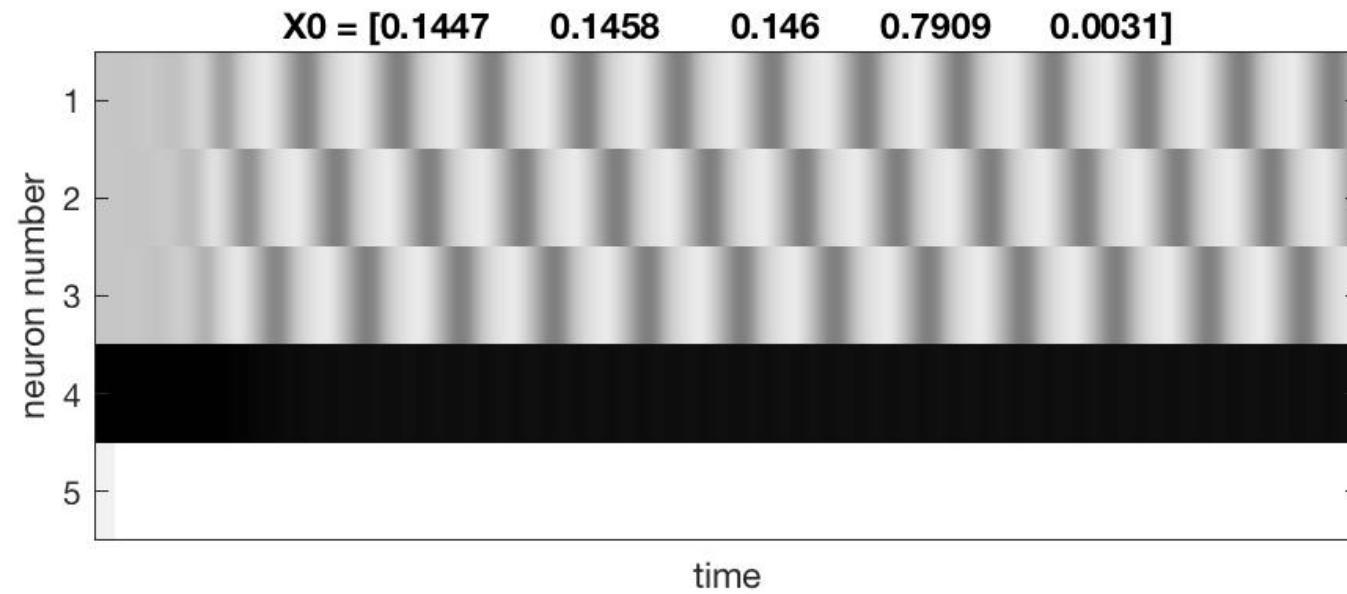
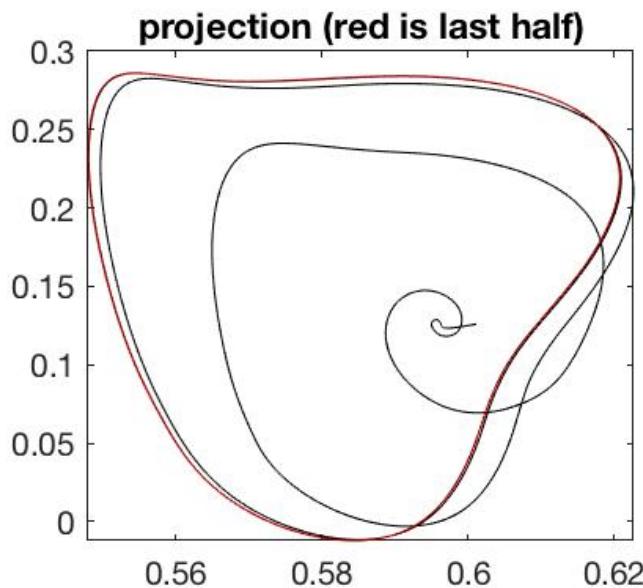
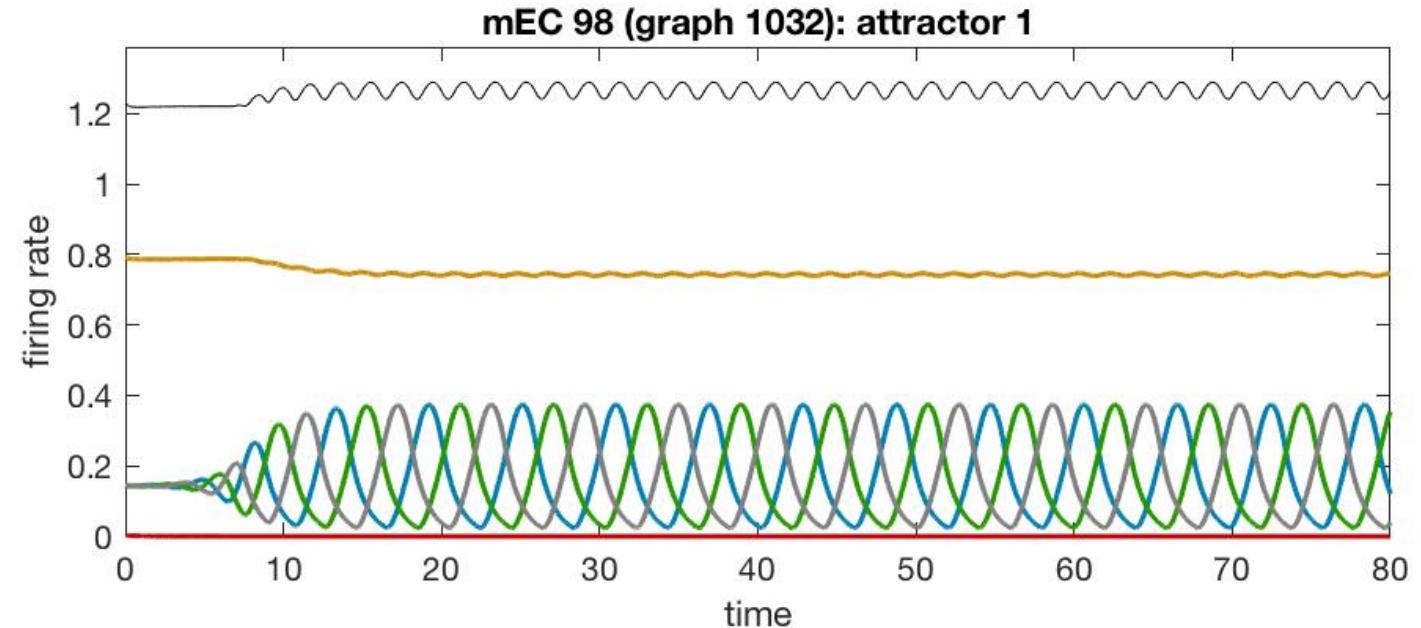
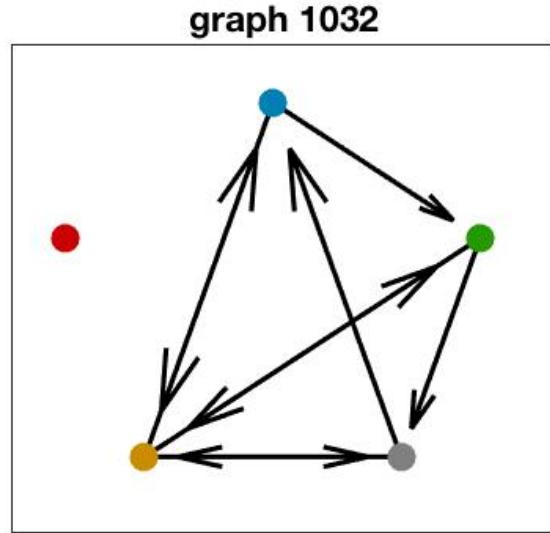
mEC 96



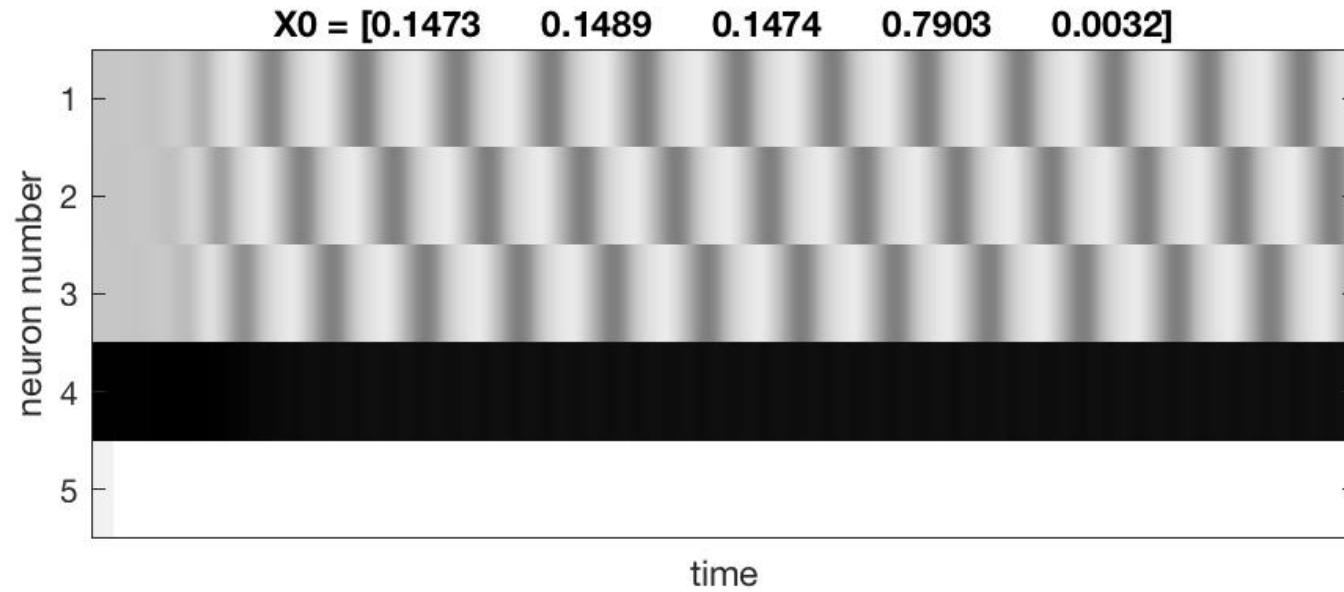
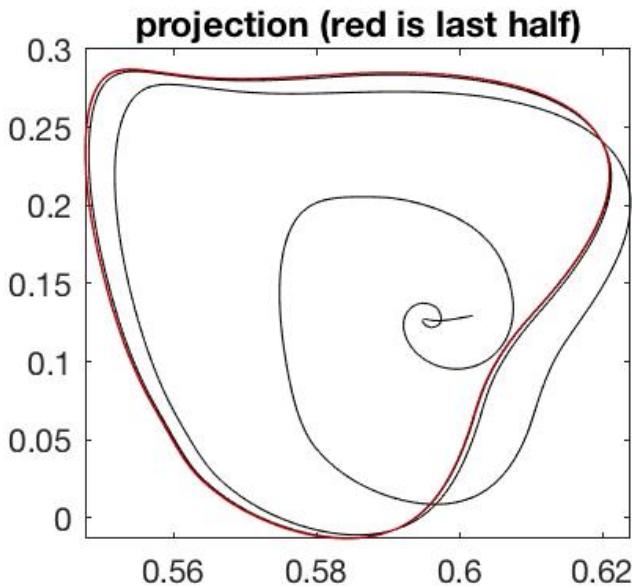
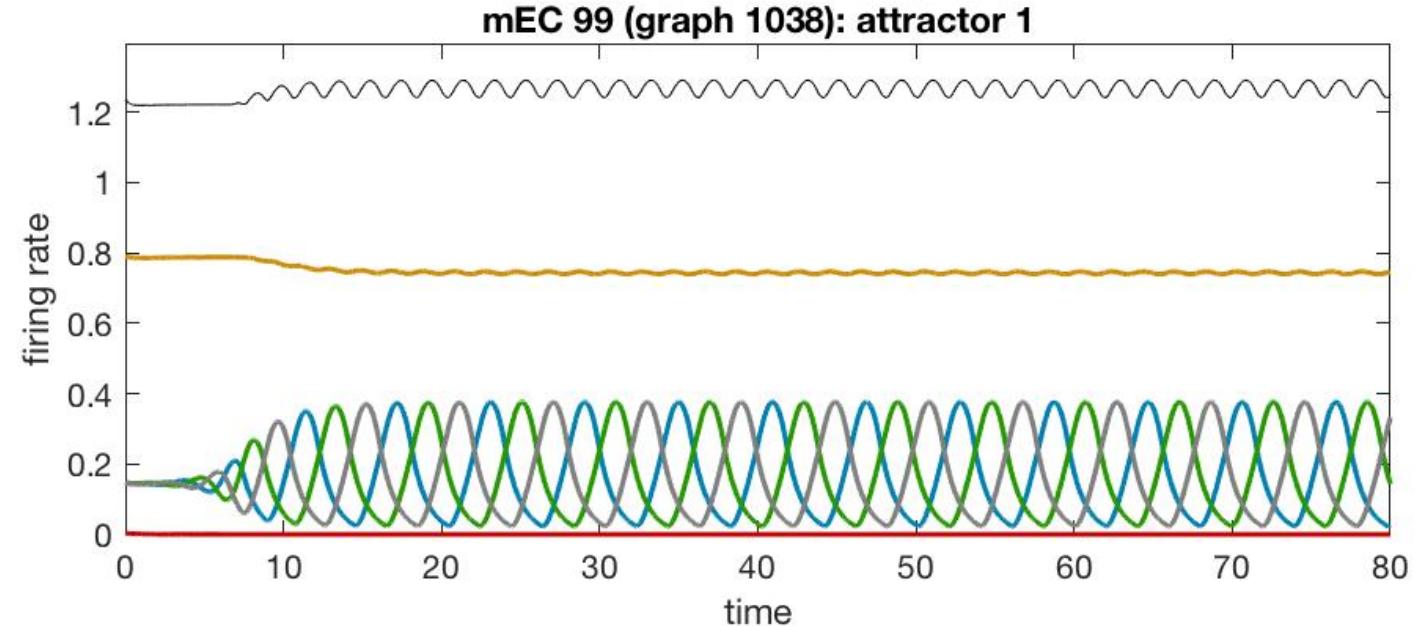
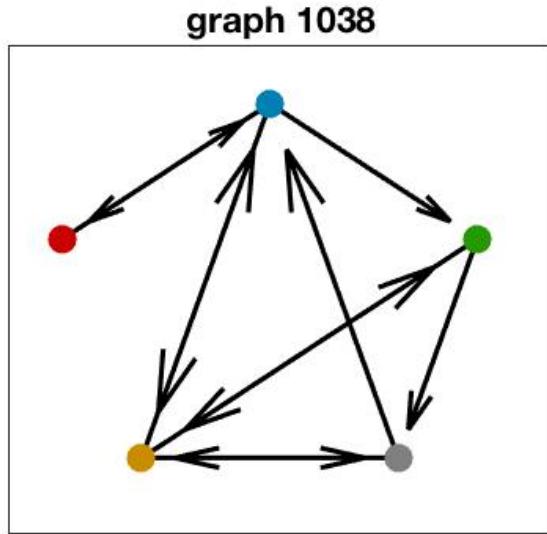
mEC 97



mEC 98

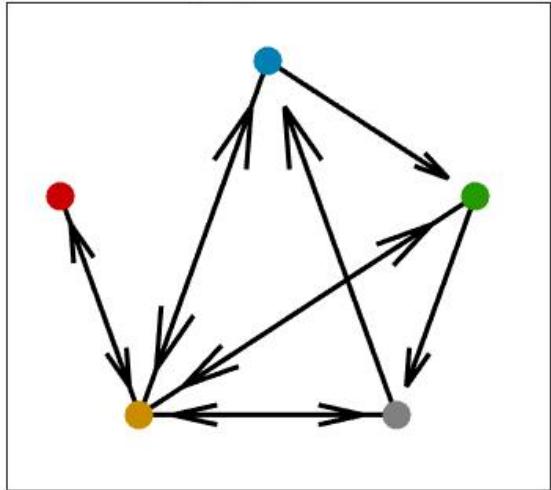


mEC 99

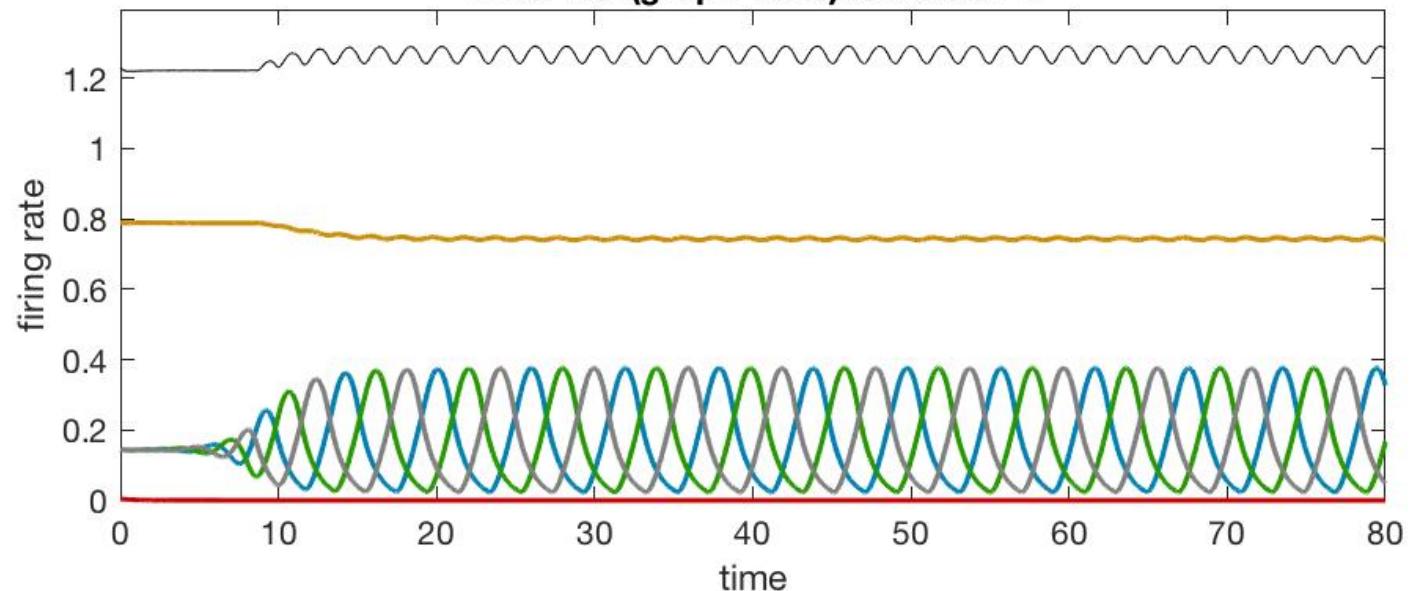


mEC 100

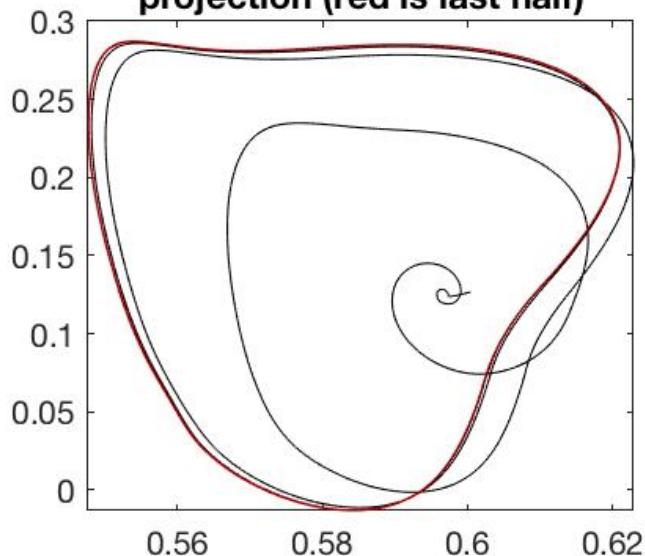
graph 1048



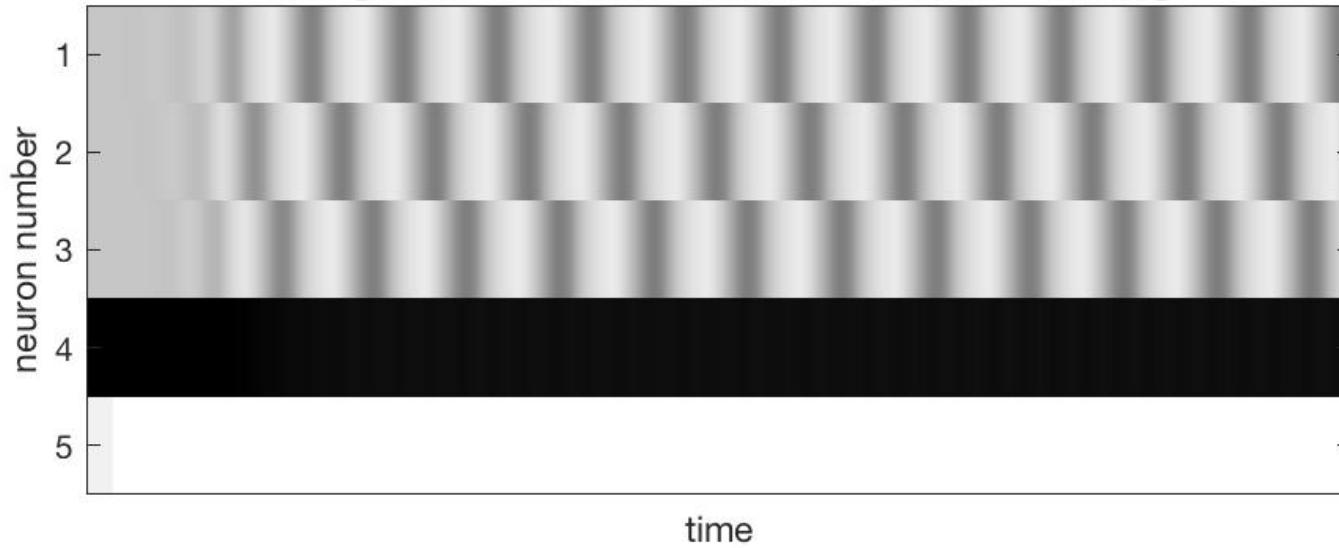
mEC 100 (graph 1048): attractor 1



projection (red is last half)

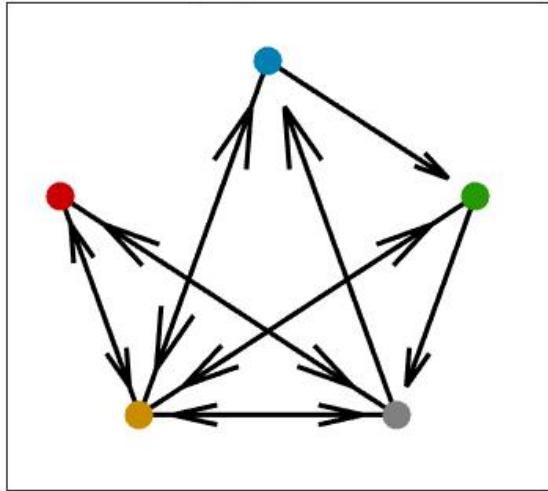


$X_0 = [0.1457 \quad 0.1458 \quad 0.1452 \quad 0.7886 \quad 0.0042]$

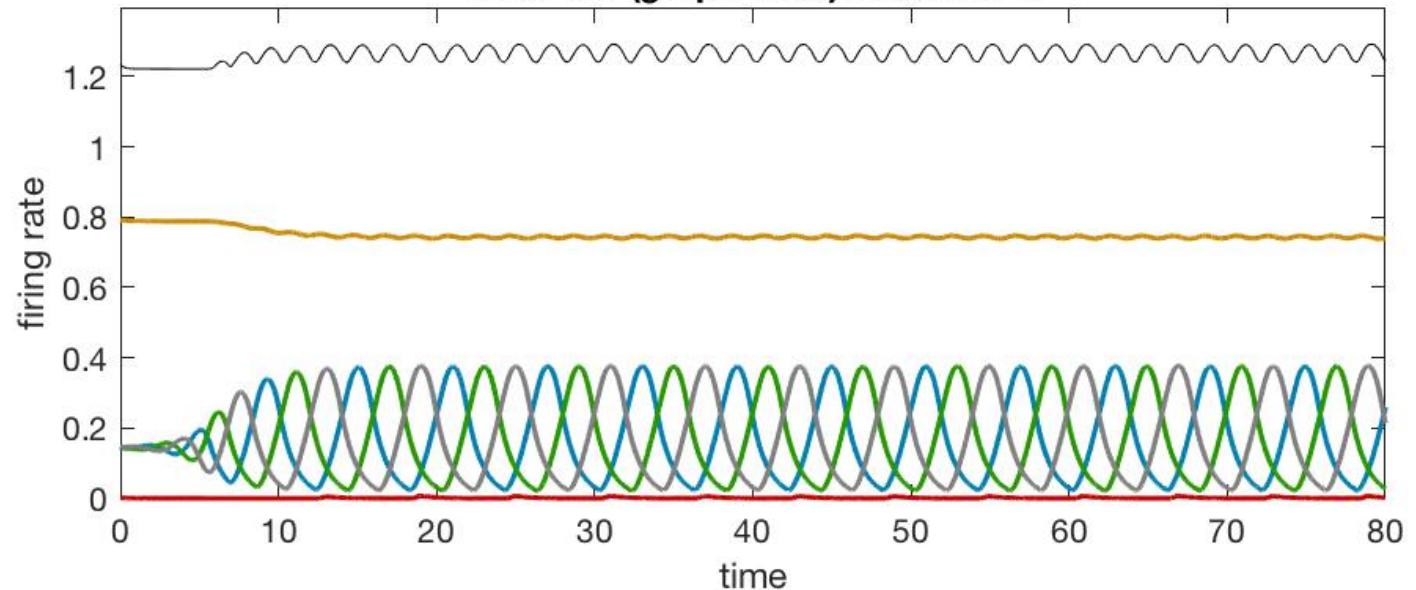


mEC 101

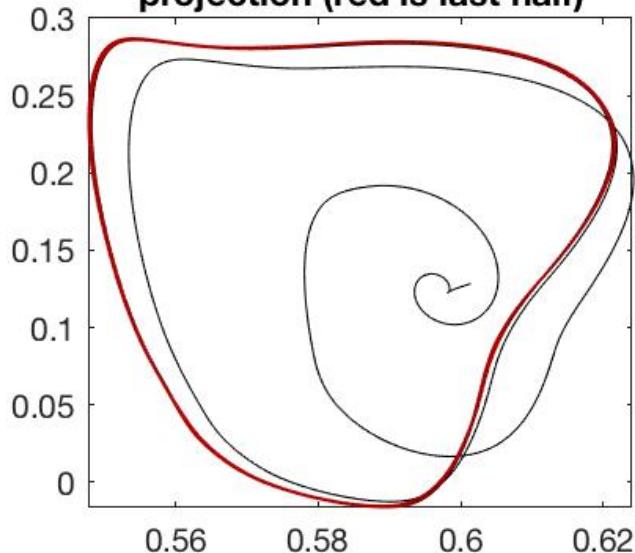
graph 1050



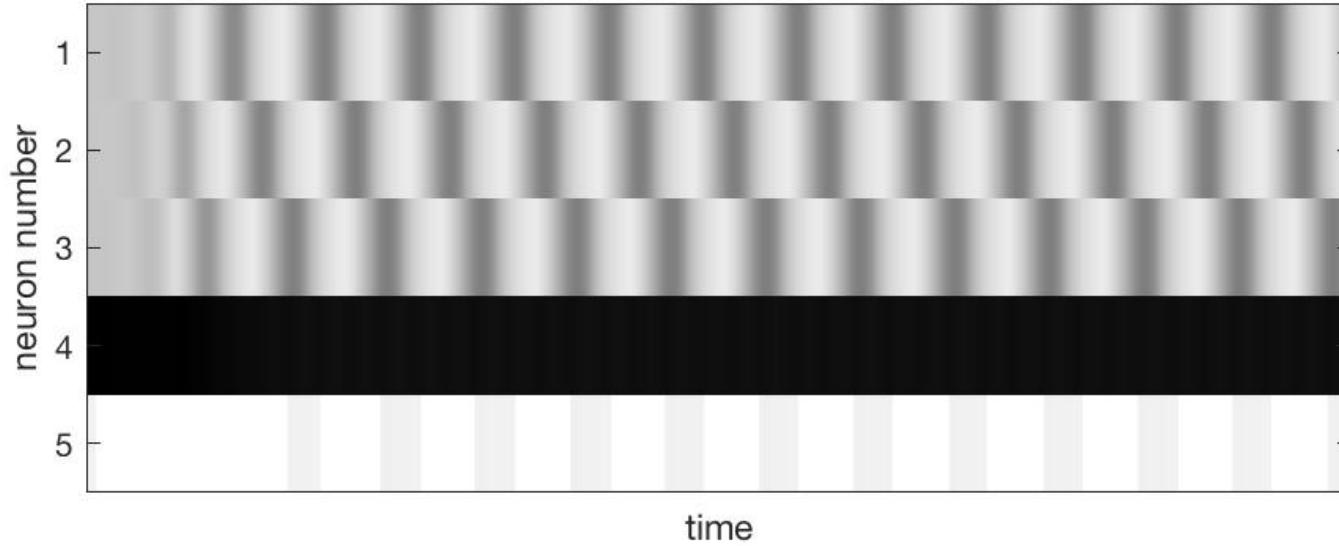
mEC 101 (graph 1050): attractor 1



projection (red is last half)

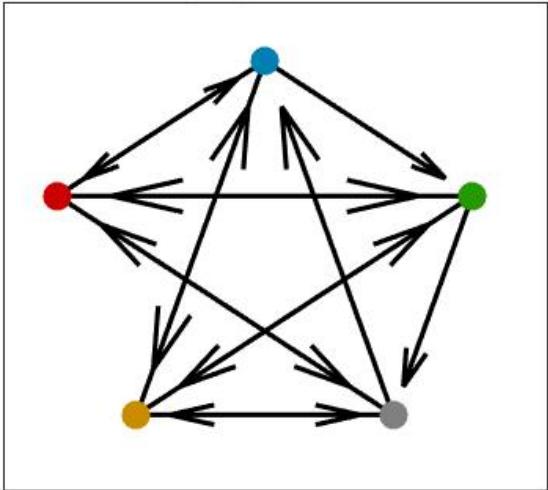


X0 = [0.1458 0.1482 0.1469 0.792 0.0016]

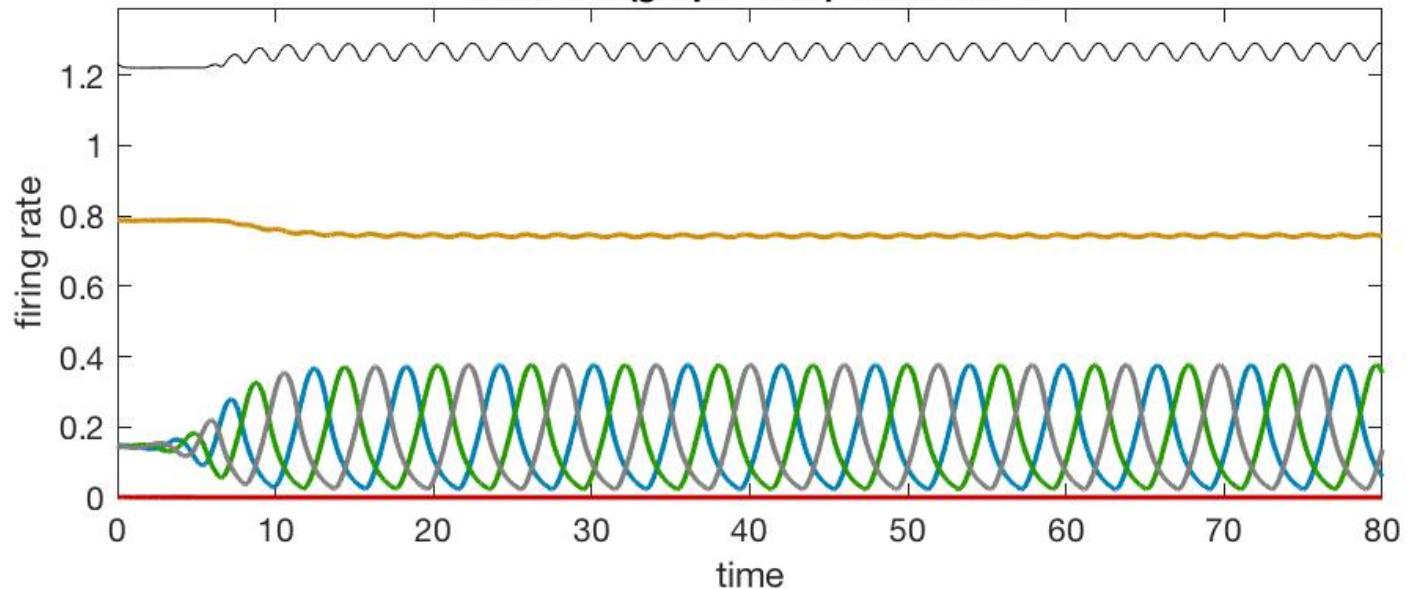


mEC 102

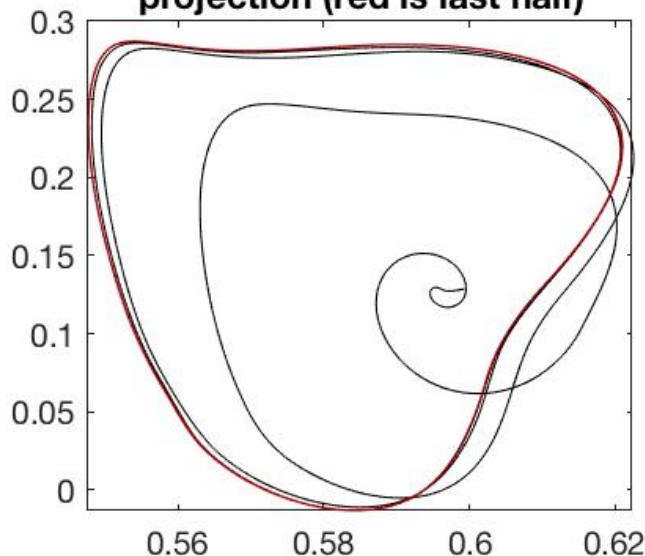
graph 1052



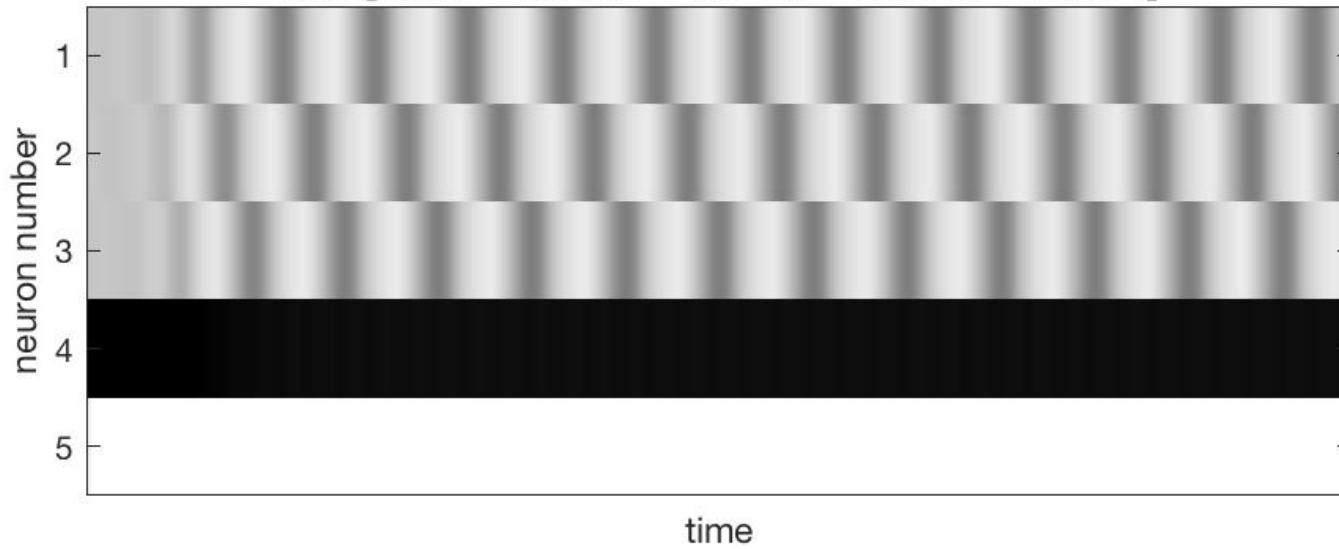
mEC 102 (graph 1052): attractor 1



projection (red is last half)

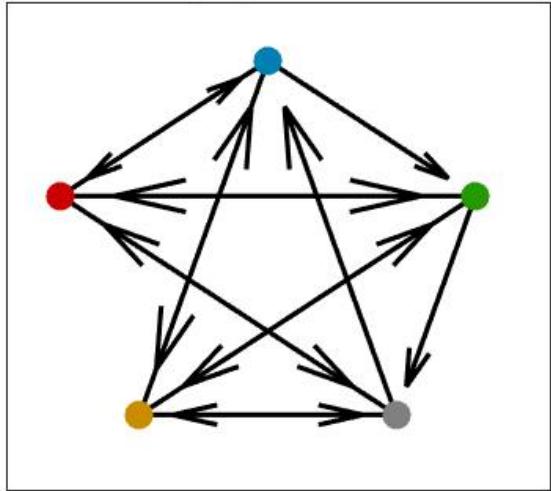


$X_0 = [0.149 \quad 0.1459 \quad 0.1484 \quad 0.7879 \quad 0.0011]$

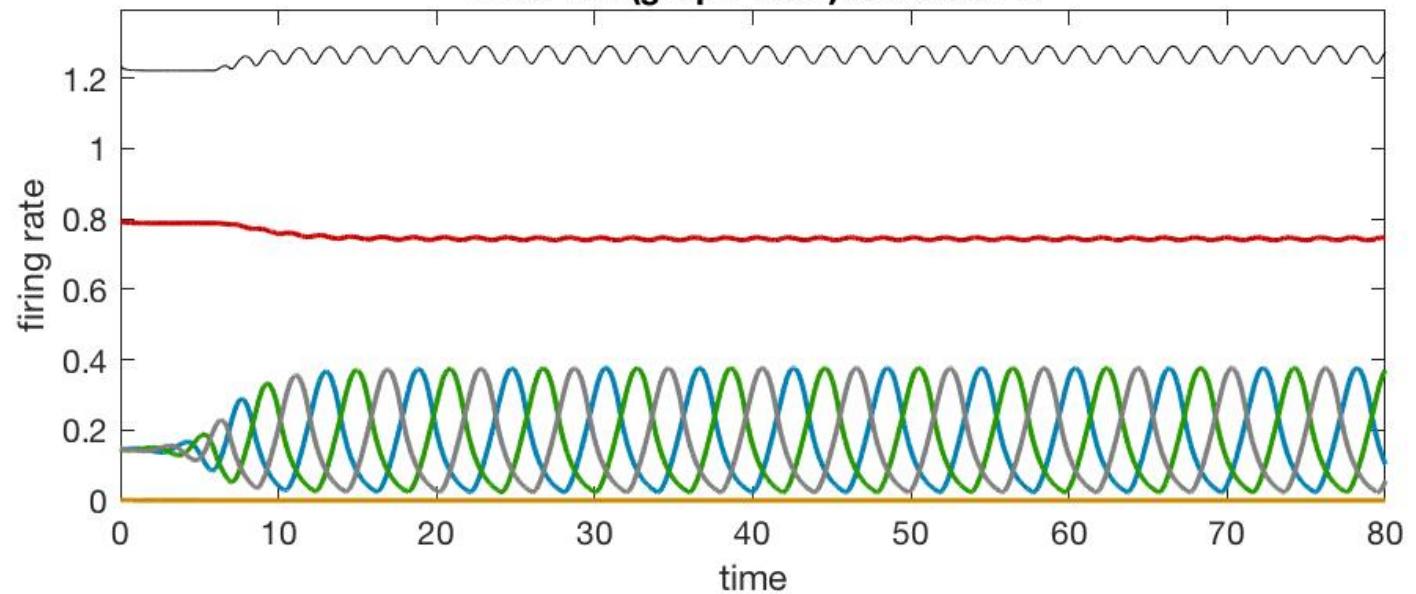


mEC 102

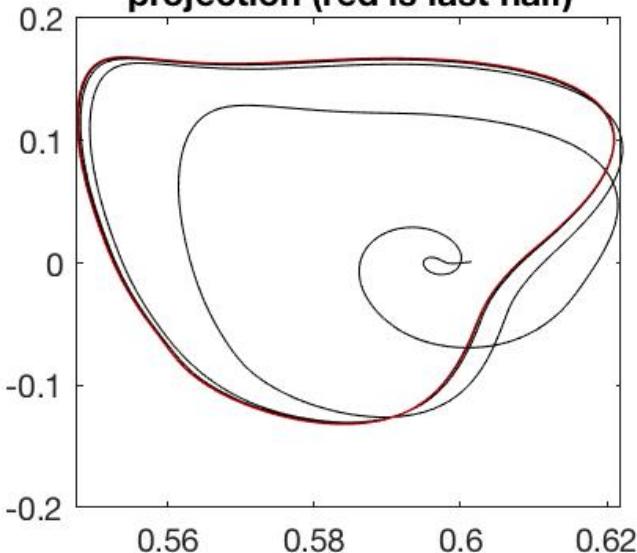
graph 1052



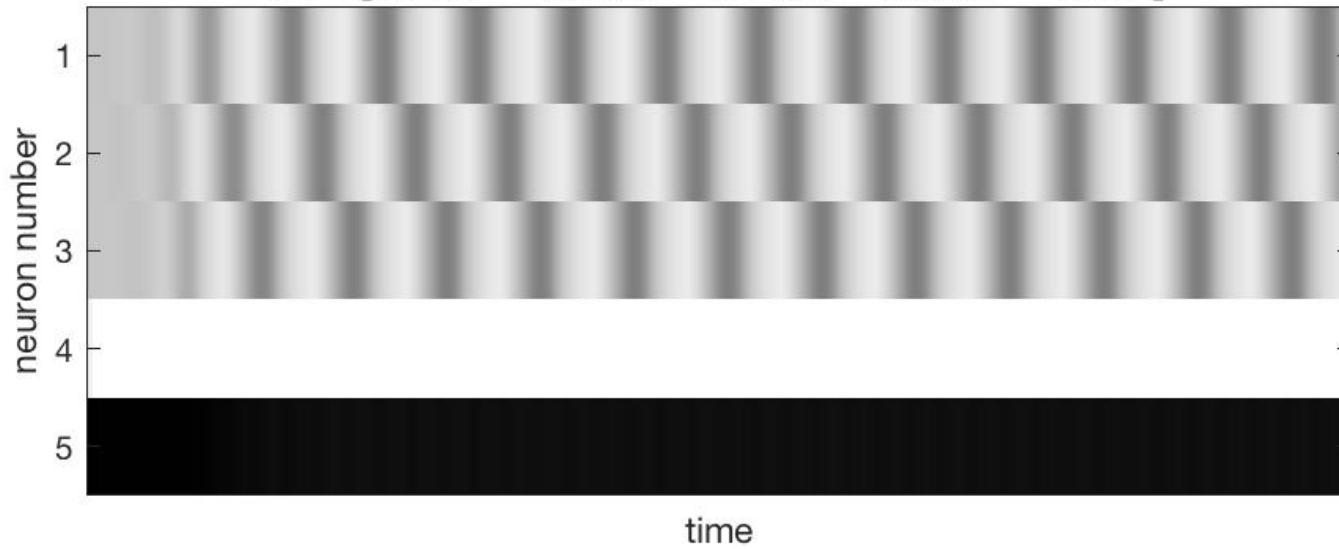
mEC 102 (graph 1052): attractor 2



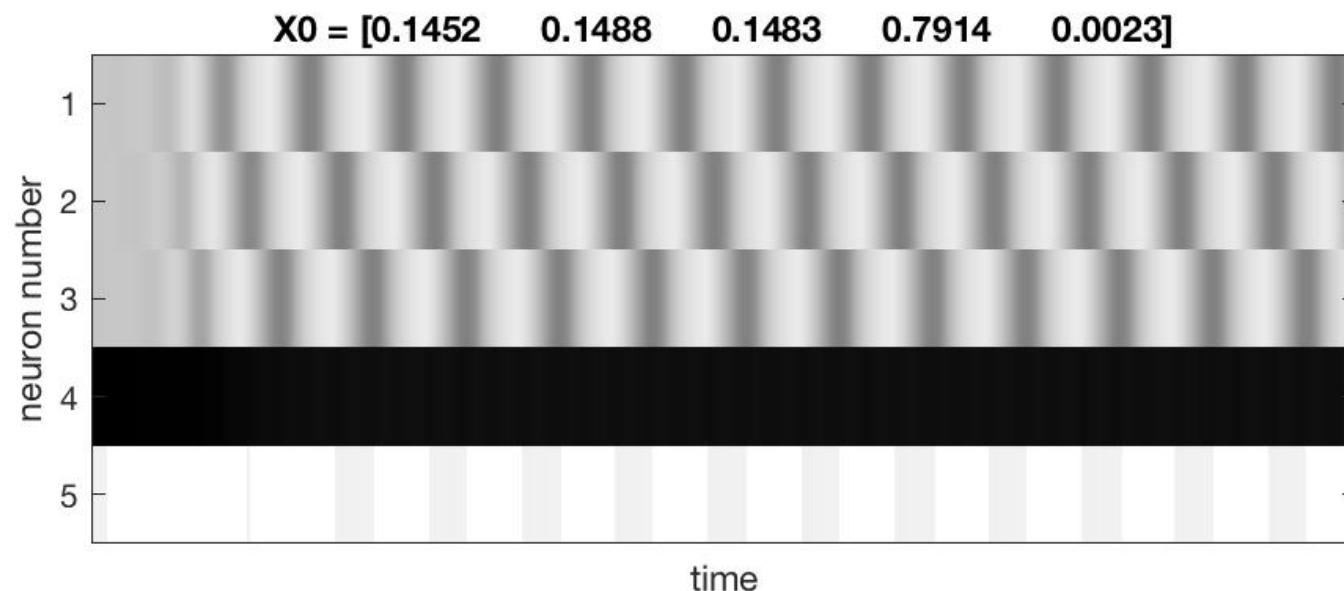
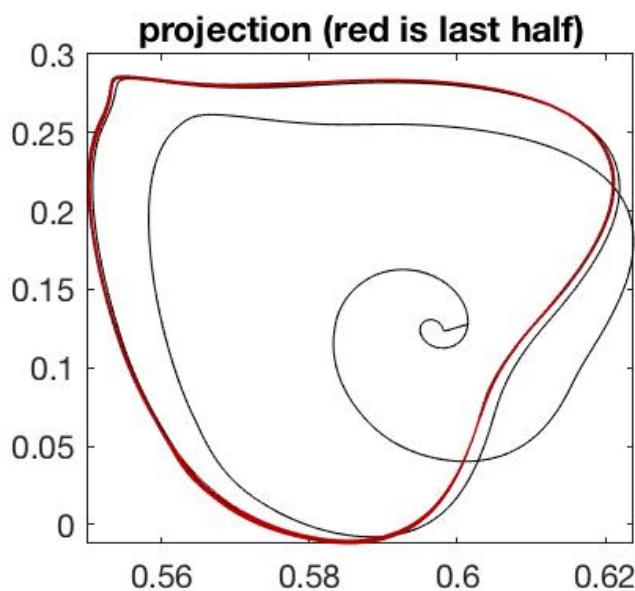
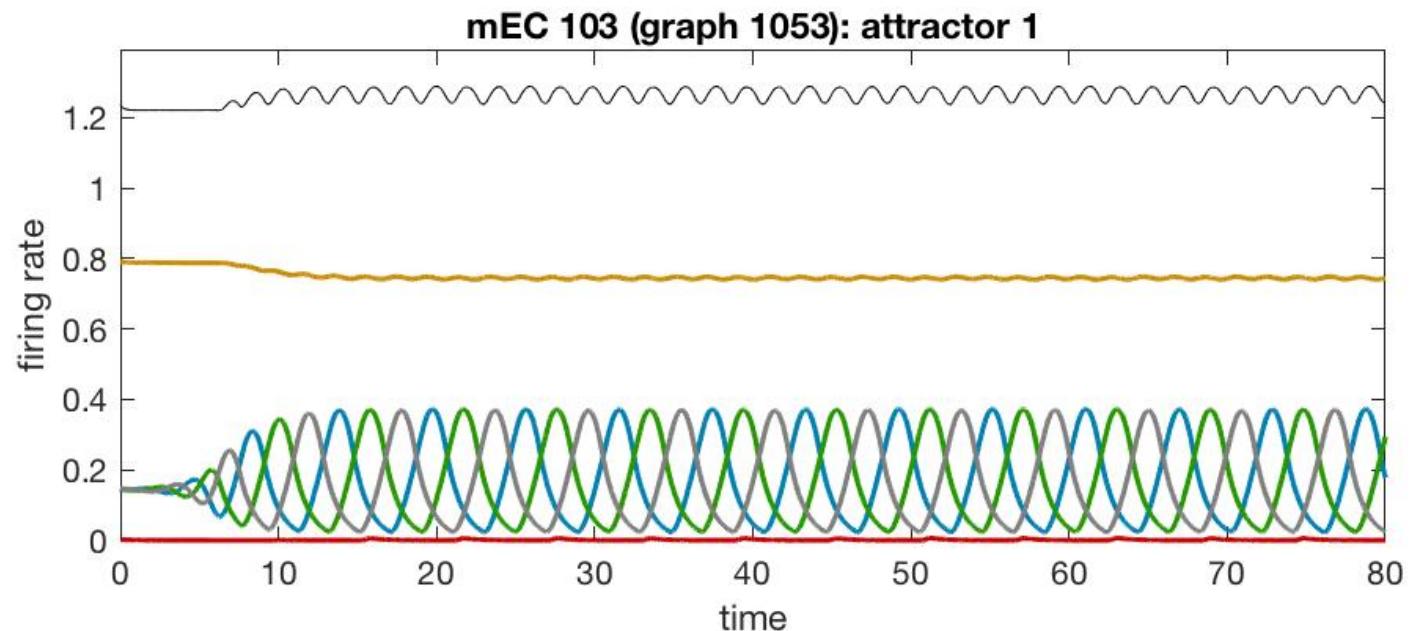
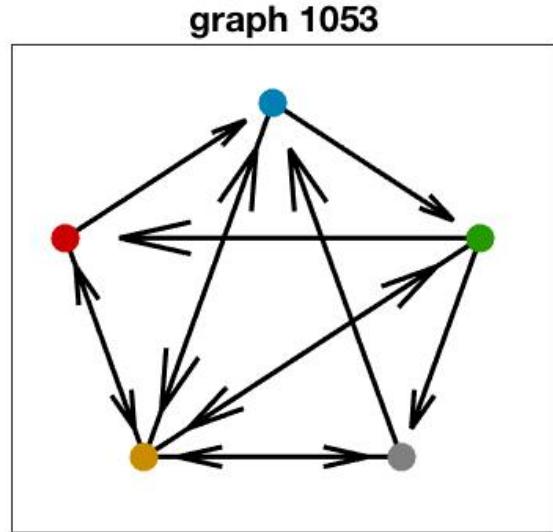
projection (red is last half)



X0 = [0.1466 0.1455 0.1483 0.0012 0.792]

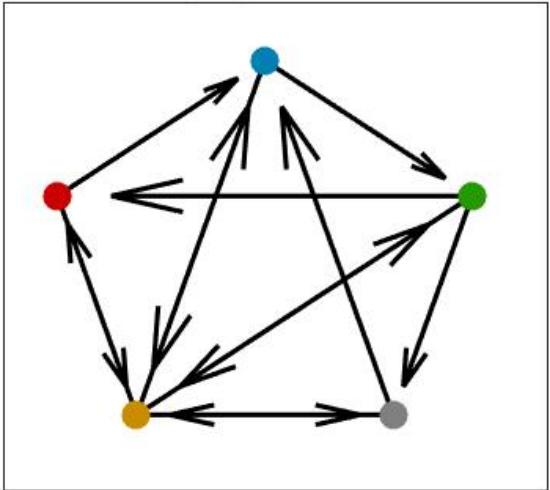


mEC 103

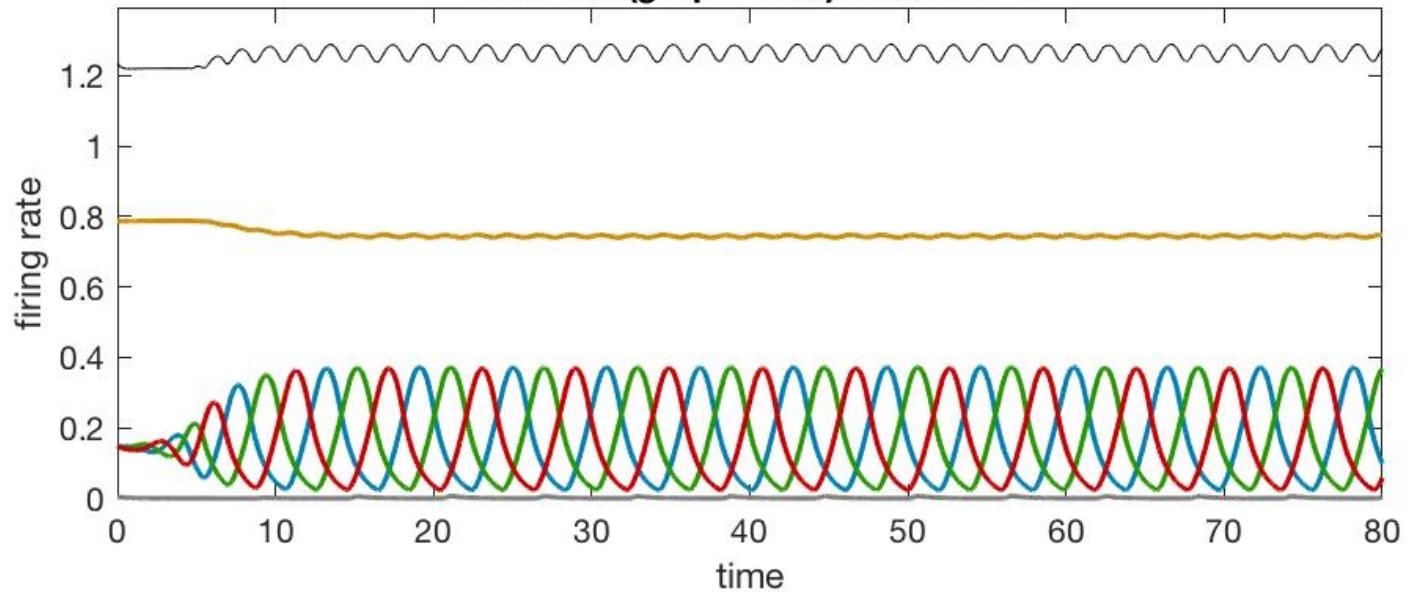


mEC 103

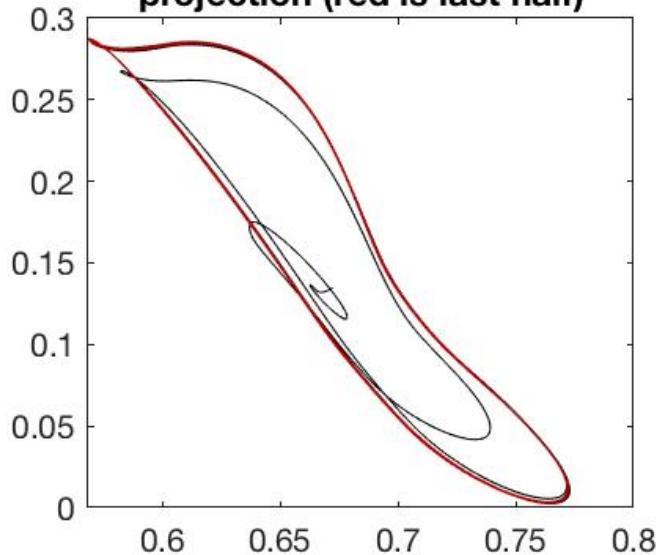
graph 1053



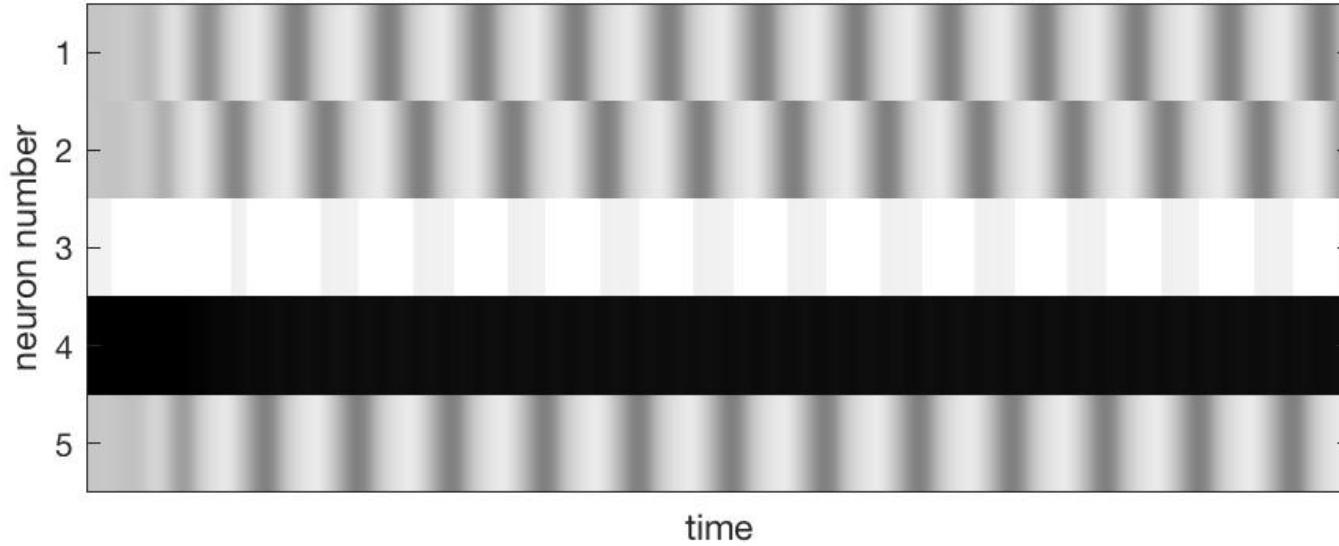
mEC 103 (graph 1053): attractor 2



projection (red is last half)



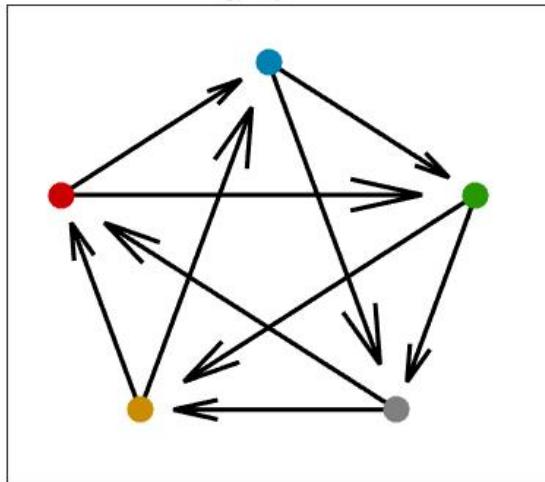
$X_0 = [0.1486 \quad 0.1473 \quad 0.0041 \quad 0.7878 \quad 0.1487]$



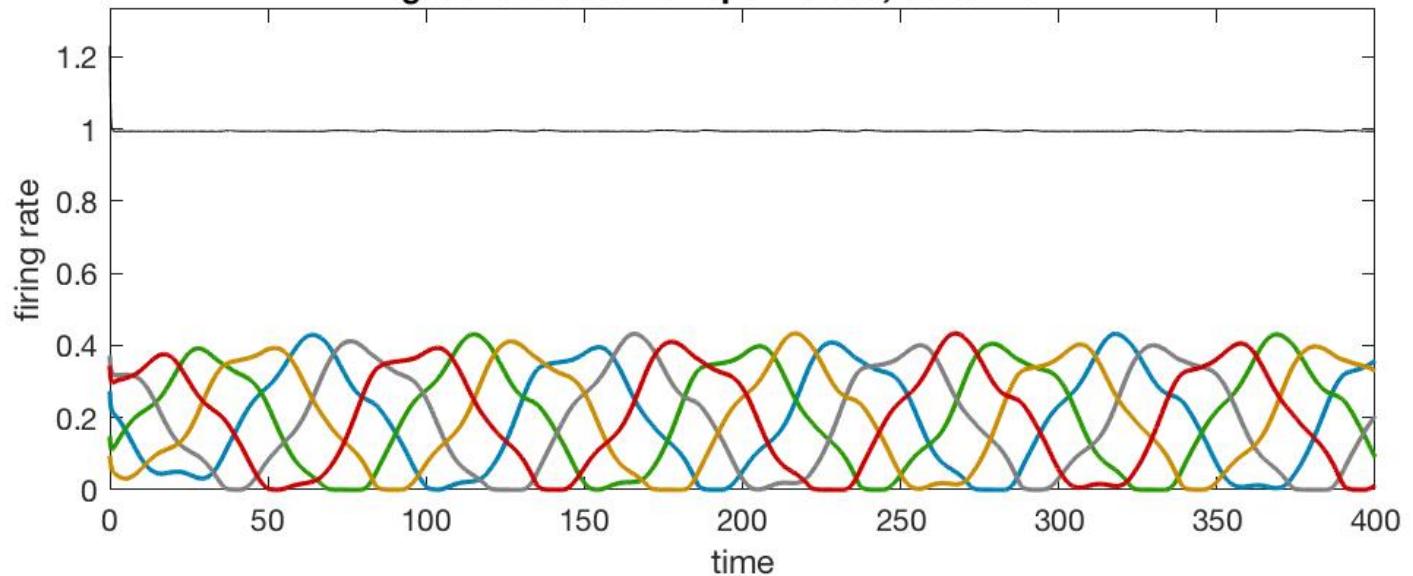
Special attractors for different parameters

Gaudi

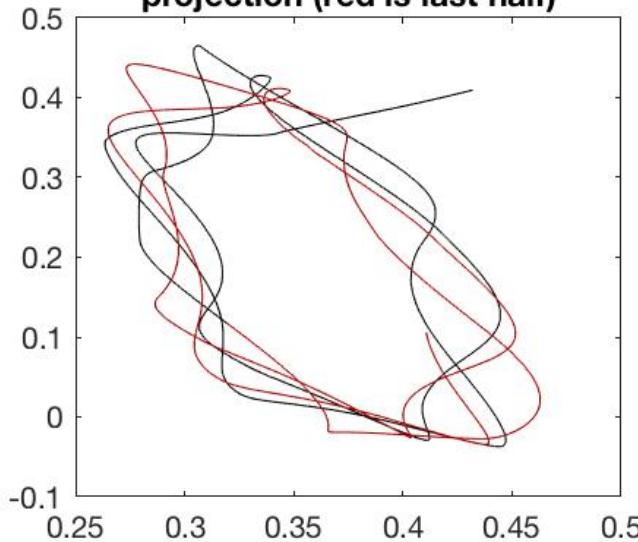
graph 2



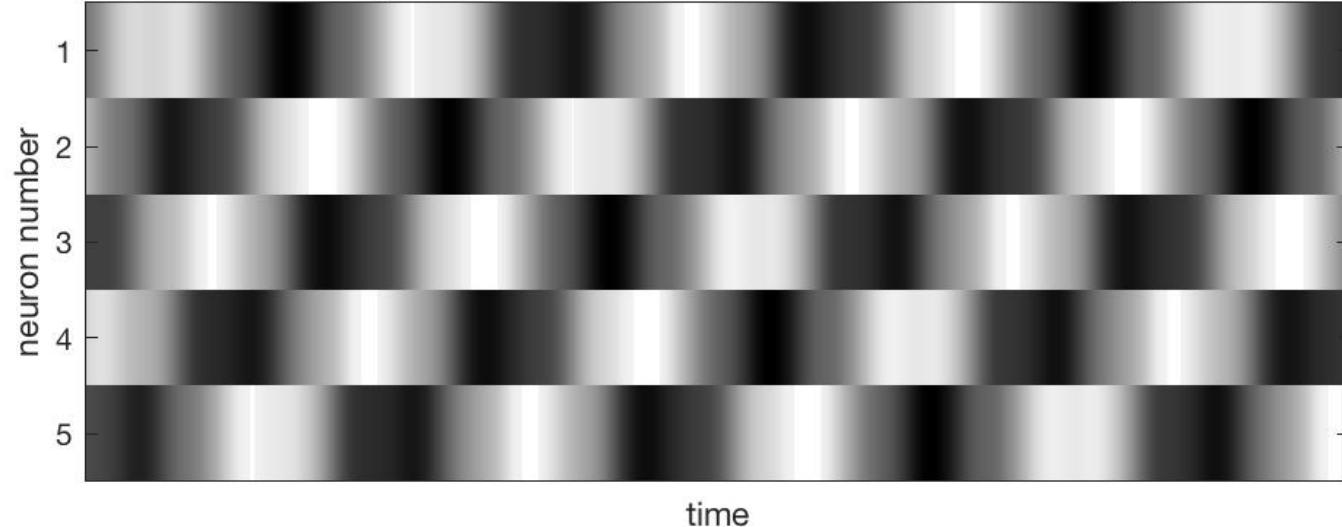
gaudi attractor for $\epsilon = 0.095$, $\delta = 0.11$



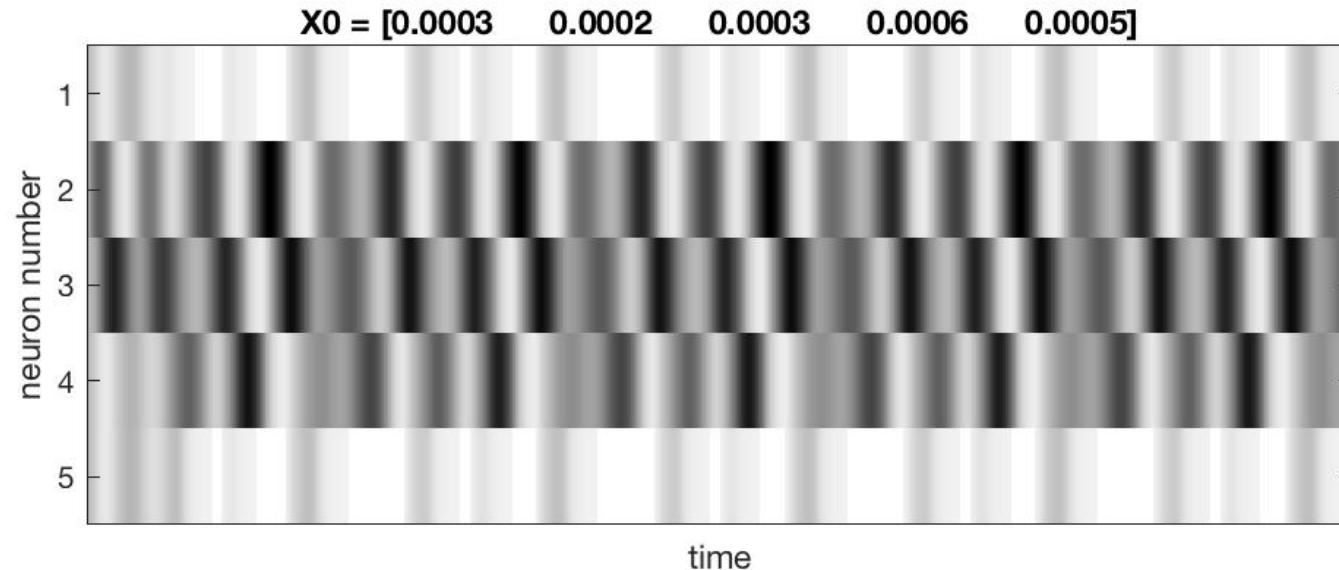
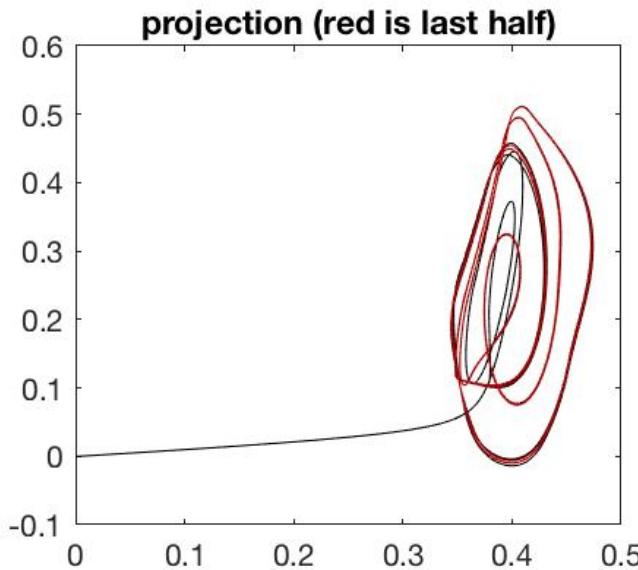
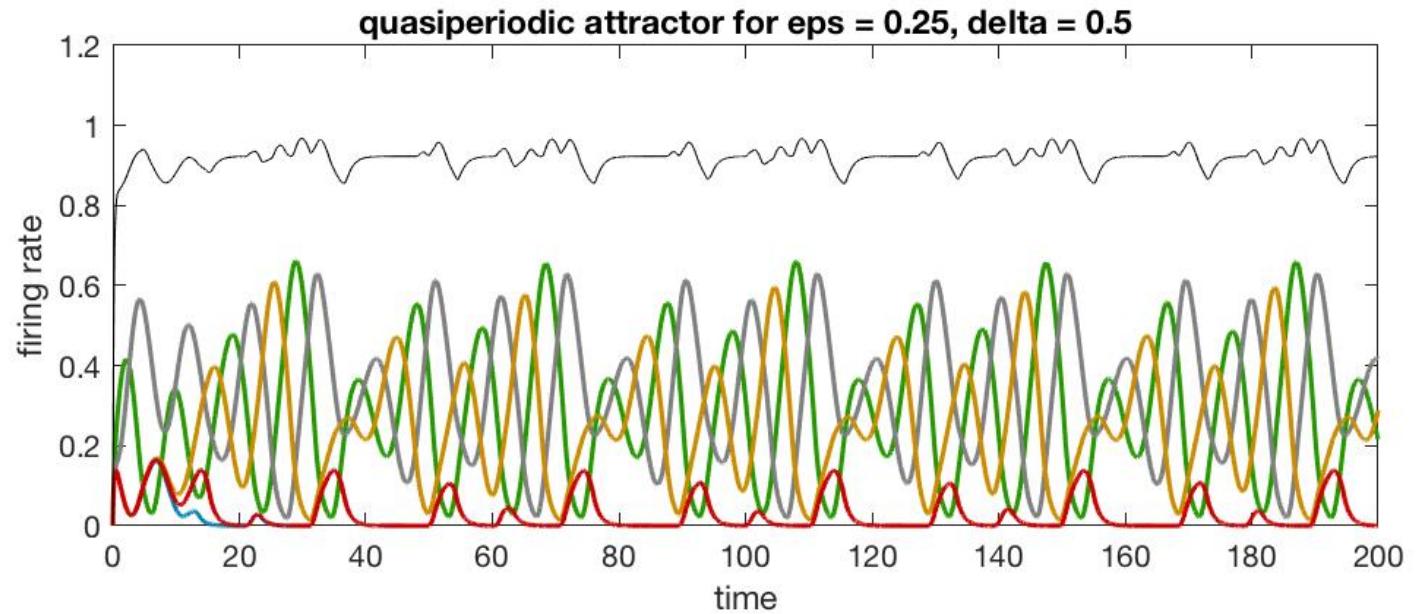
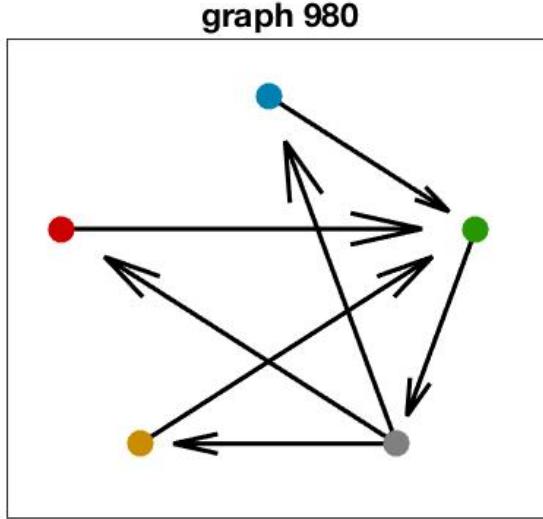
projection (red is last half)



$X_0 = [0.2735 \quad 0.1482 \quad 0.3723 \quad 0.0945 \quad 0.3434]$



quasi-periodic



baby chaos

