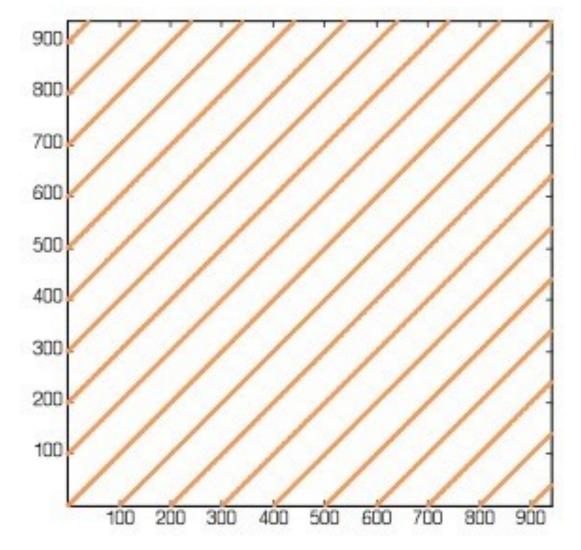


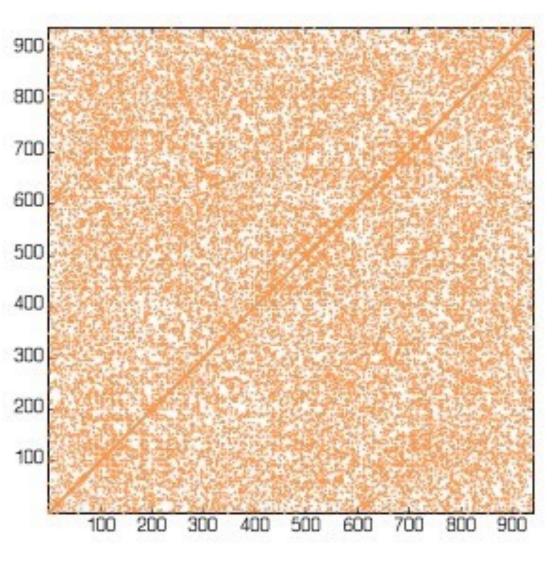
Radboud University Nijmegen

Behavioural Science Institute

Number of recurrent points forming diagonal line Total recurrent points

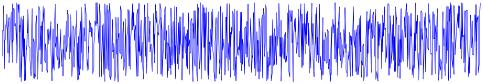
%DETERMINISM Indexes how "patterned" the data are. Does the system return to the same region of phase space for a longer period of time?

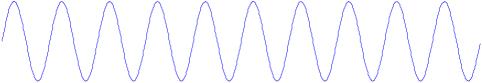




%REC = 2.9%DET = 99.8

%REC = 2.9%DET = 5.4

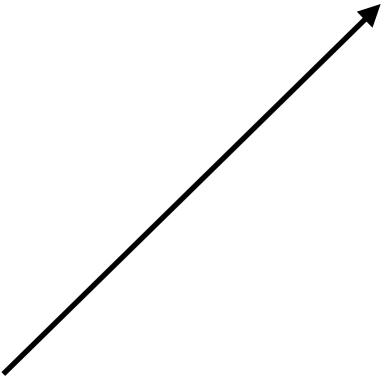




White Noise

Adapted from Shockley 2007

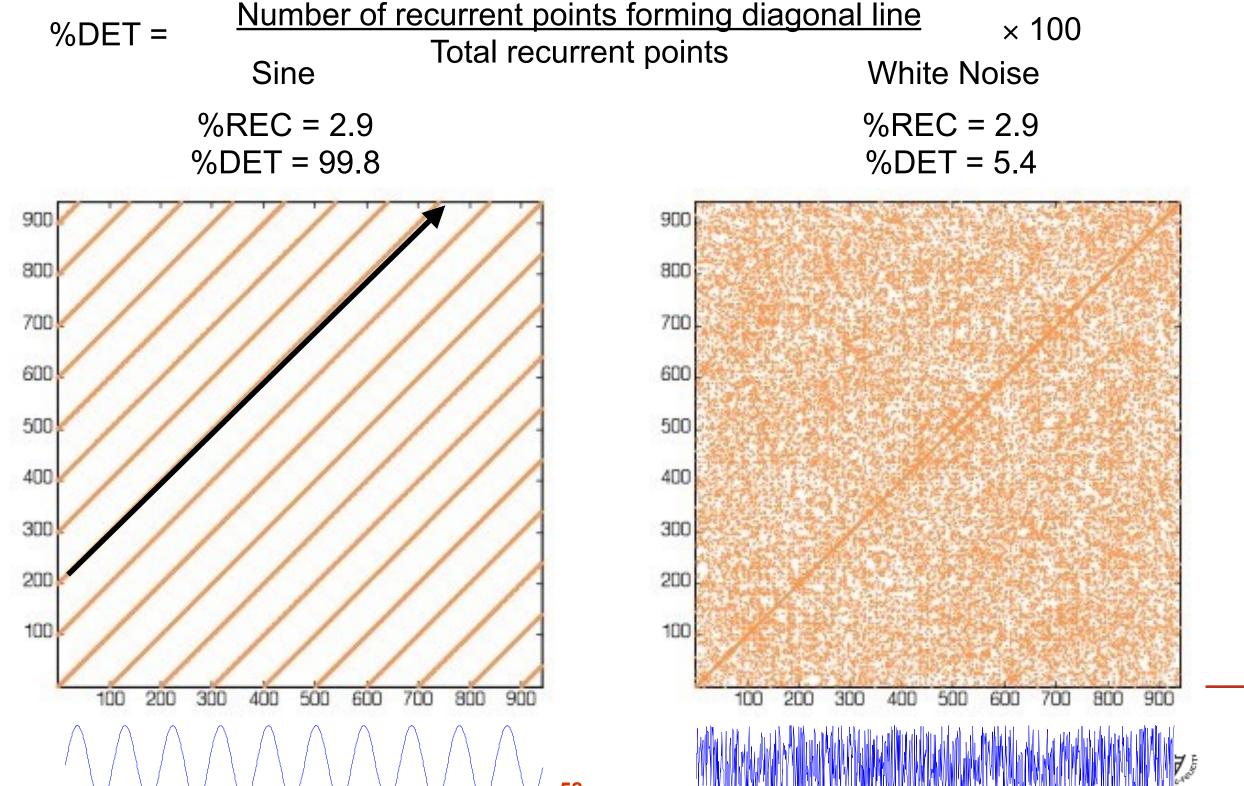




%DETERMINISM

Indexes how "patterned" the data are.

Does the system return to the same region of phase space for a longer period of time?

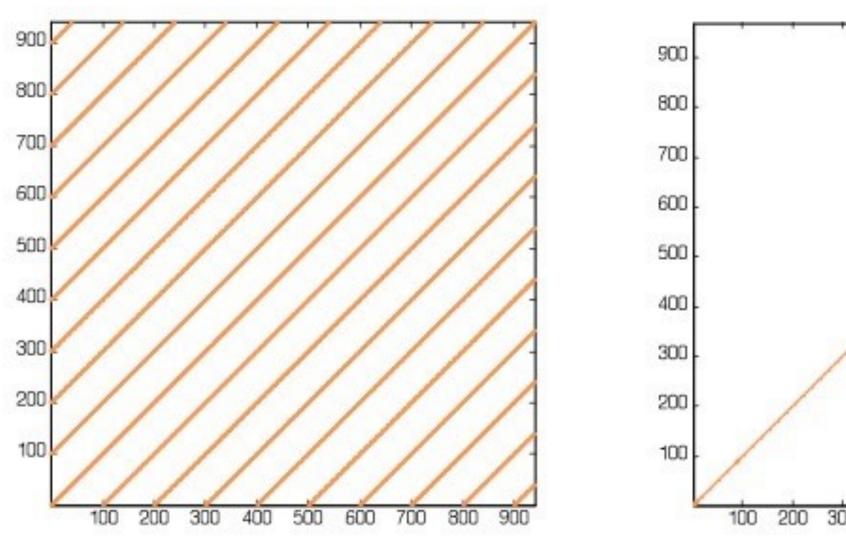


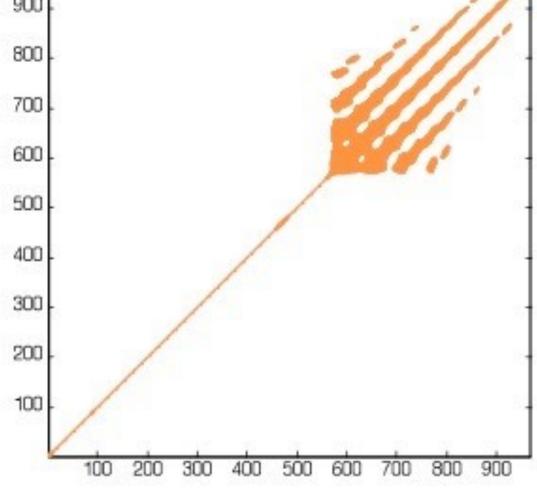
MAXLINE

How long the system can maintain a recurring pattern ~ "Stability"

MAXLINE = The longest sequence of recurring points

Sine Lorenz





1/maxline = Divergence (Thought to be an estimate of largest Lyapunov exponent)