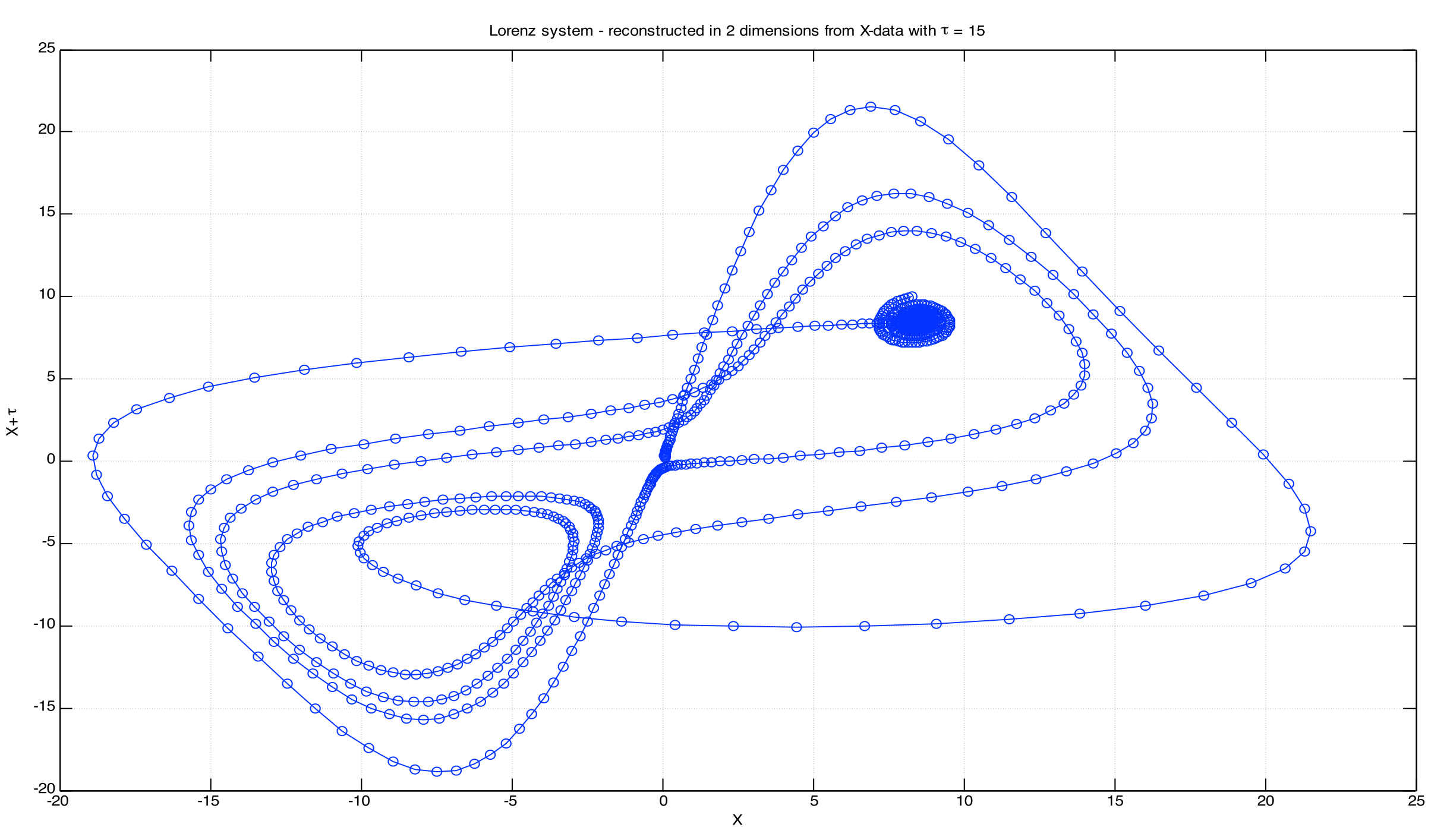
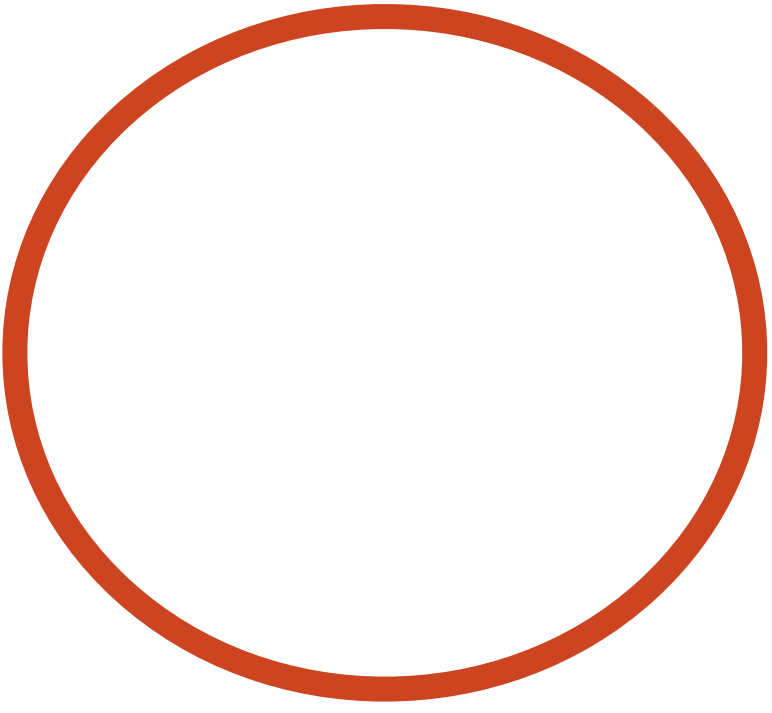
IN·DEI·NOMINE·F

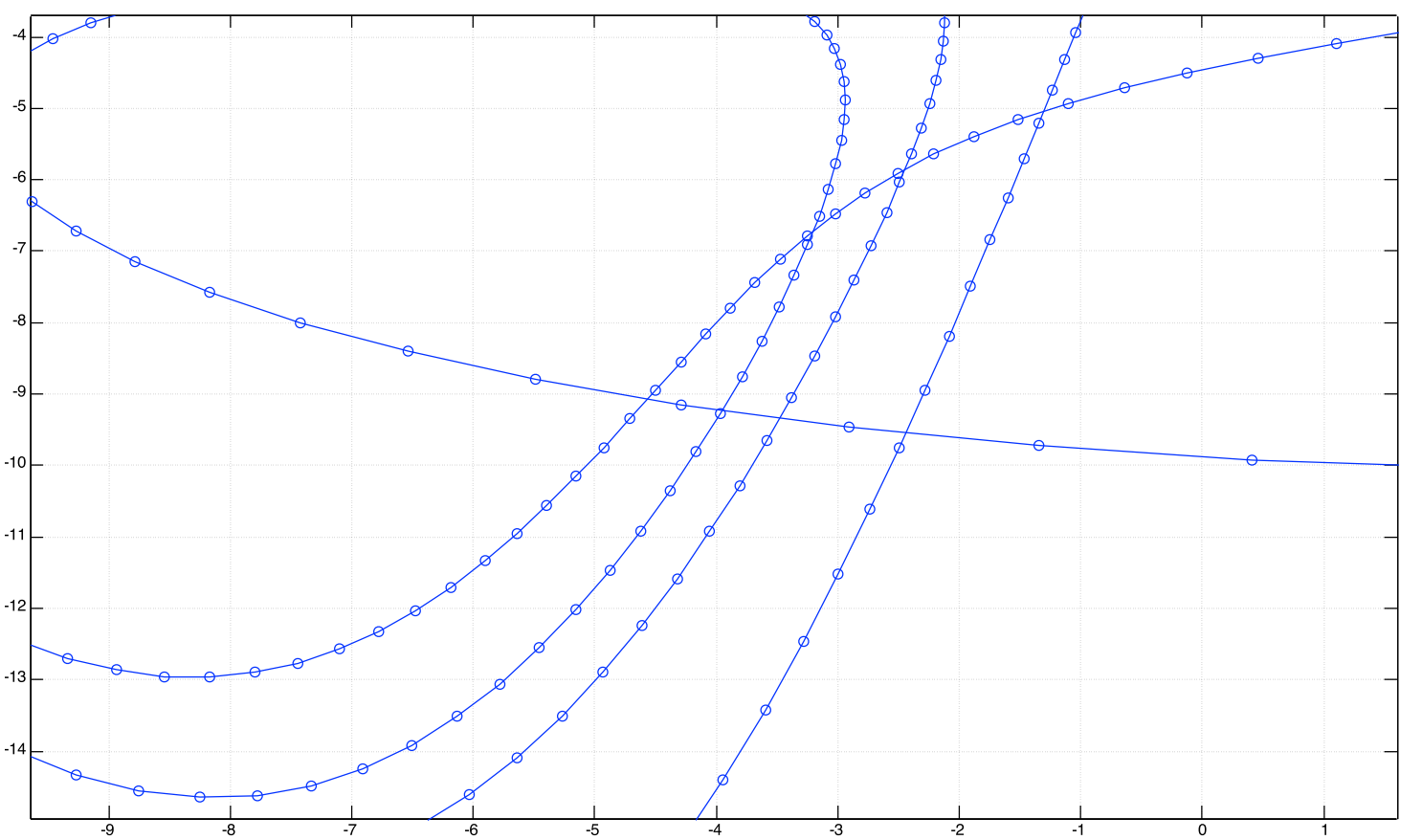
Radboud University Nijmegen

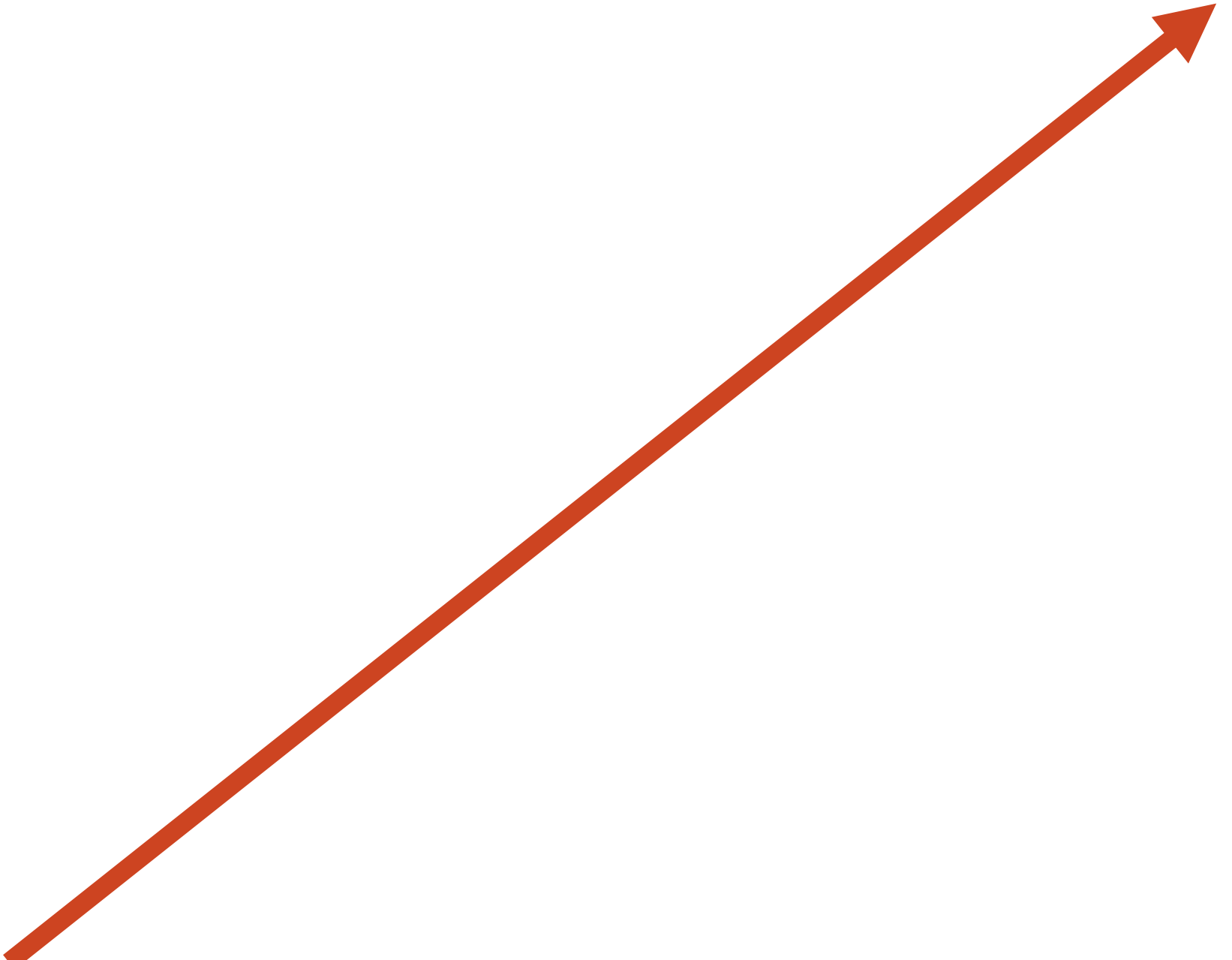
Behavioural Science Institute

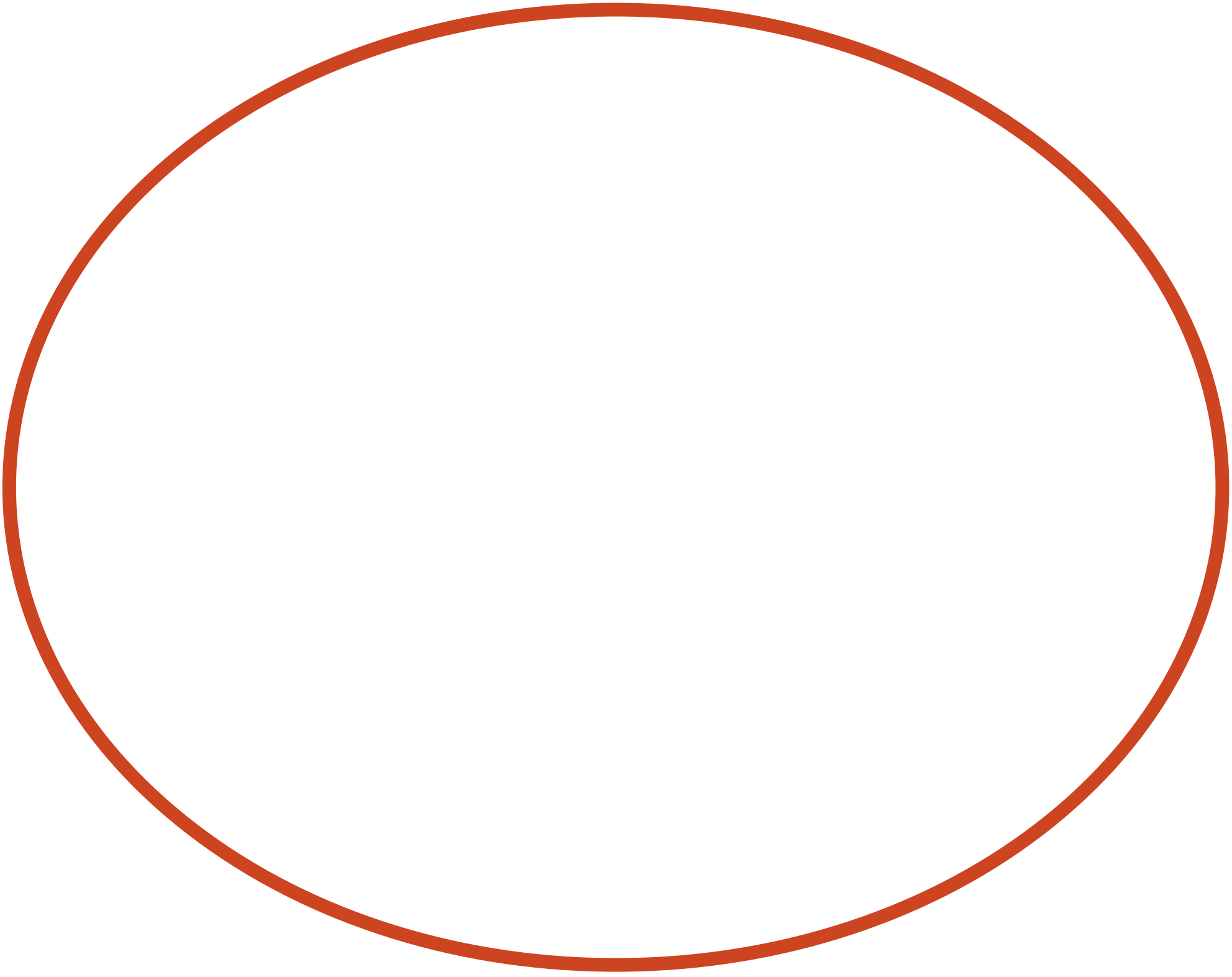

Lorenz system - reconstructed in 2 dimensions from X-data with τ = 15
X+τ
X
25
20
15
10
5
0
-5
-10
-15
-20
-20
-15
-10
-5
0
5
10
15
20
25

How many dimensions? Determine *embedding dimension* (m)



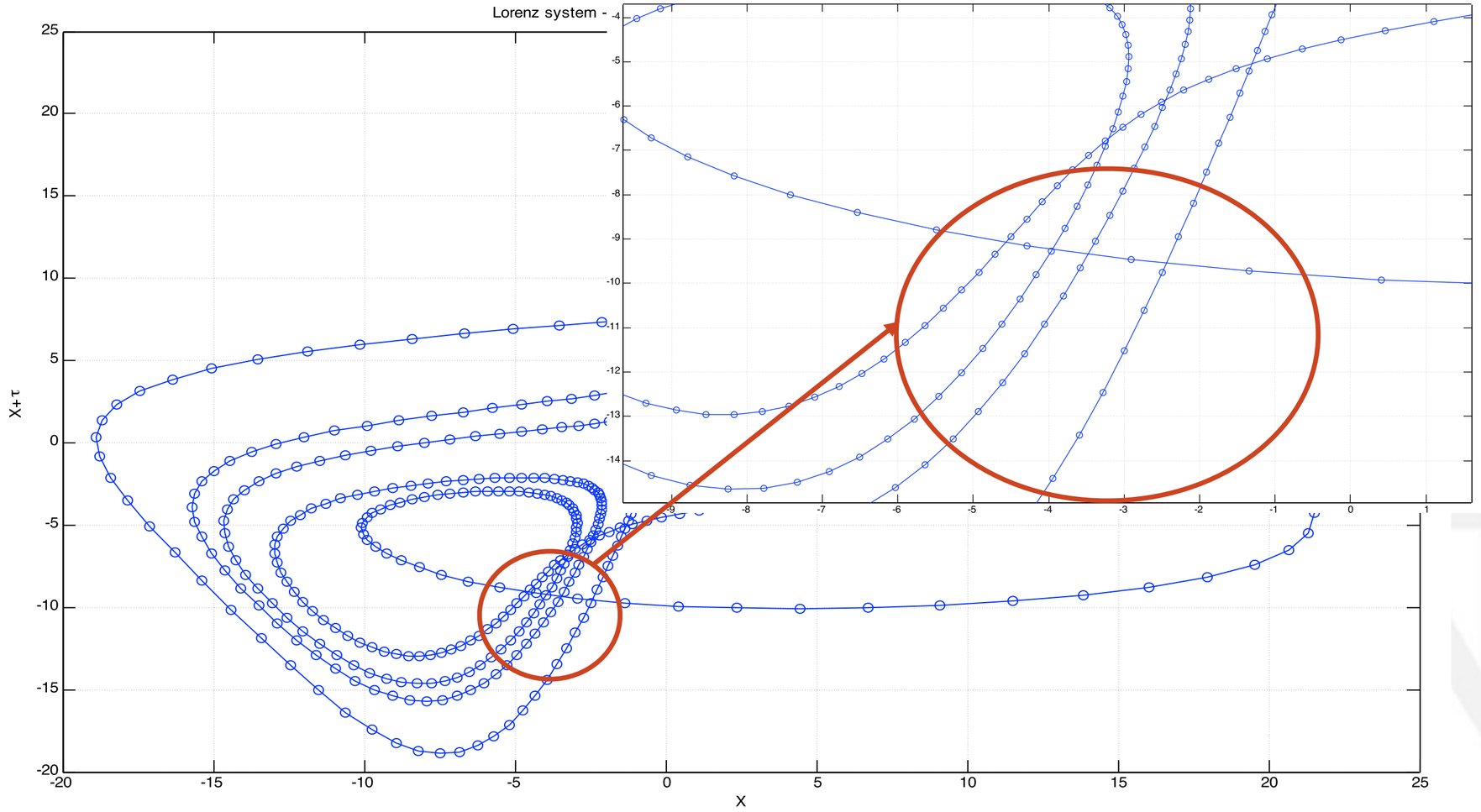
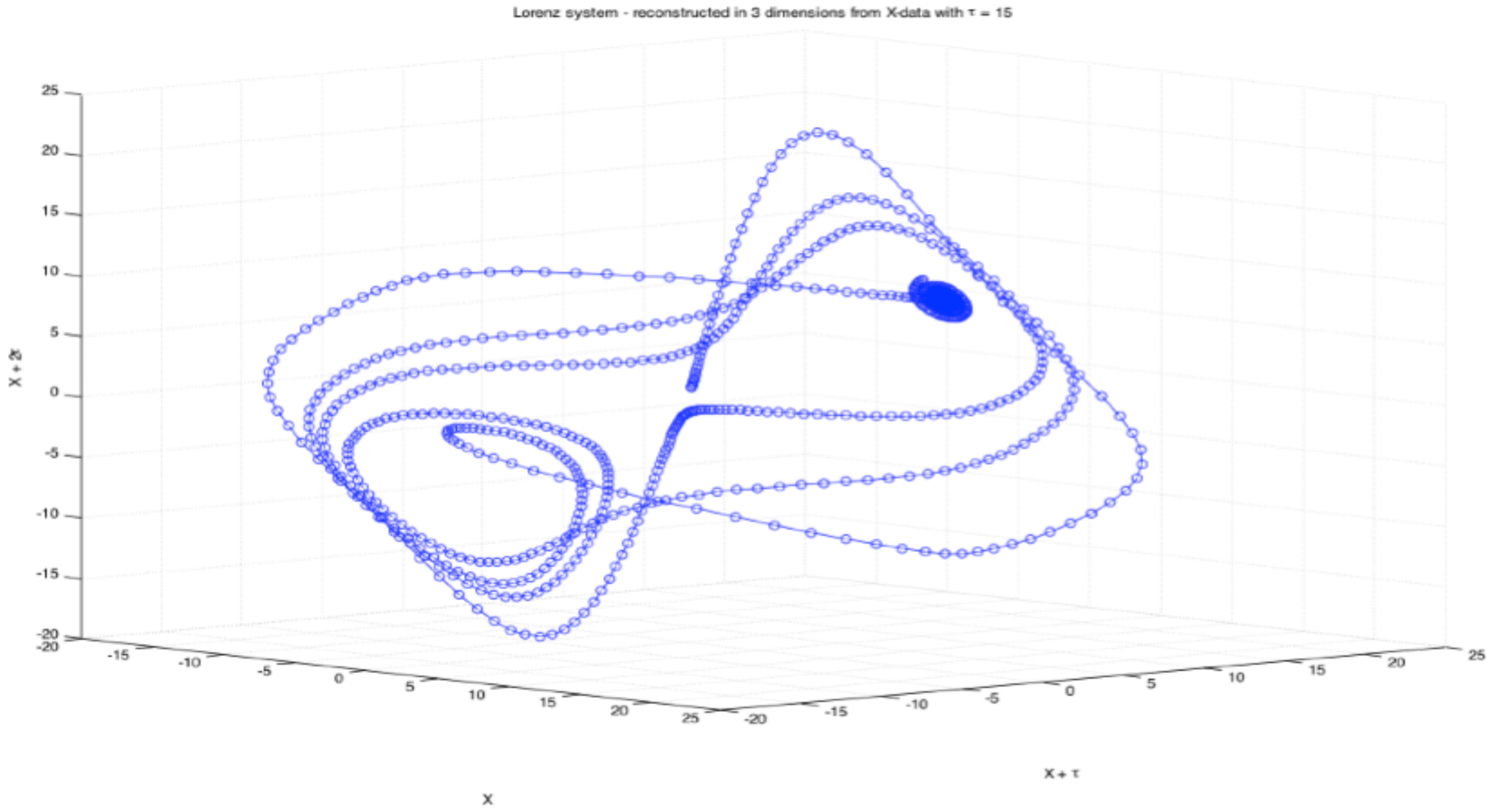

-4
-5
-6
-7
-8
-9
-10
-11
-12
-13
-14
-9
-8
-7
-6
-5
-4
-3
-2
-1
0
1





32

How many dimensions? Determine *embedding dimension* (m)



Lorenz system – Determine embedding dimension