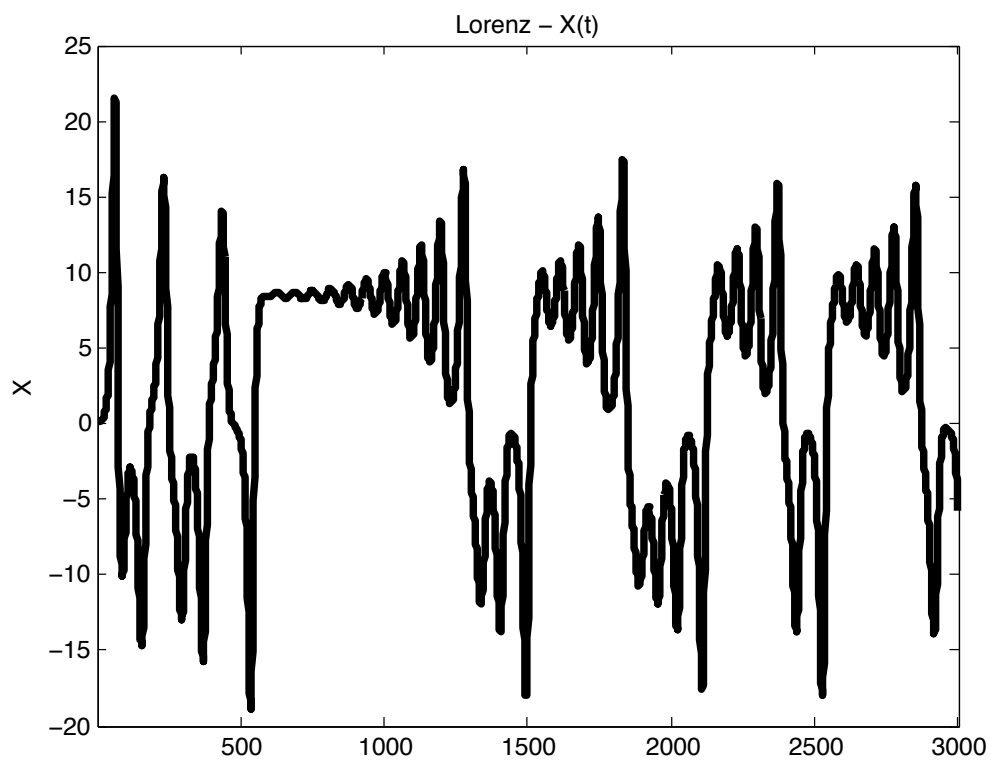


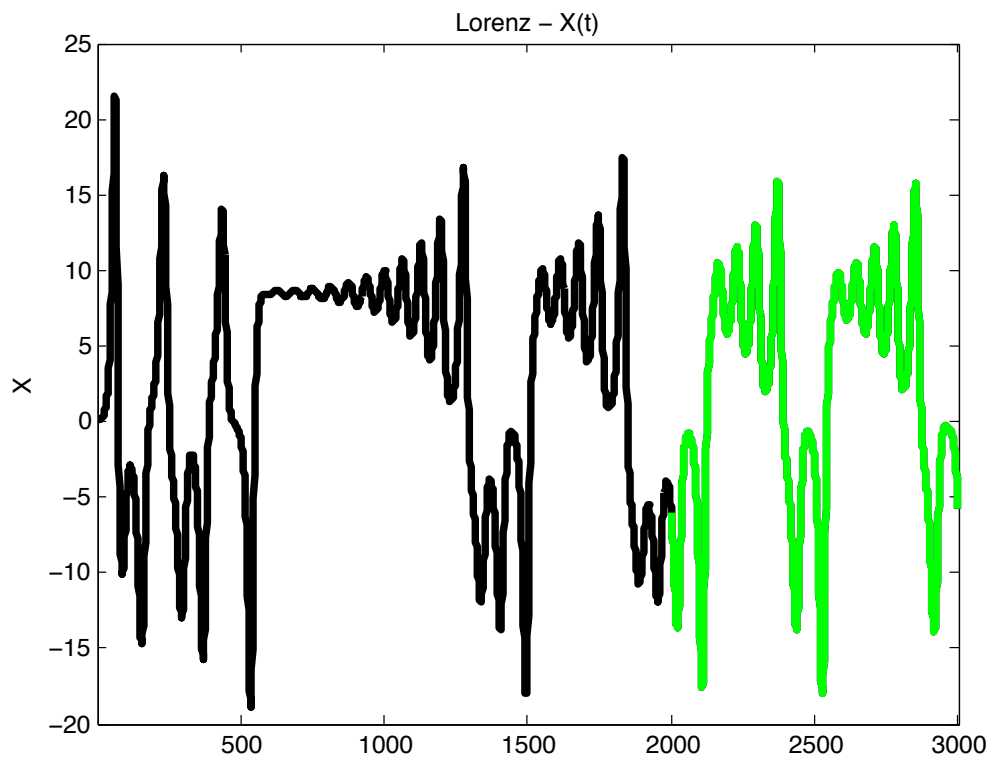
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X

(t)



Creating surrogate dimensions using the method of delays

2

8



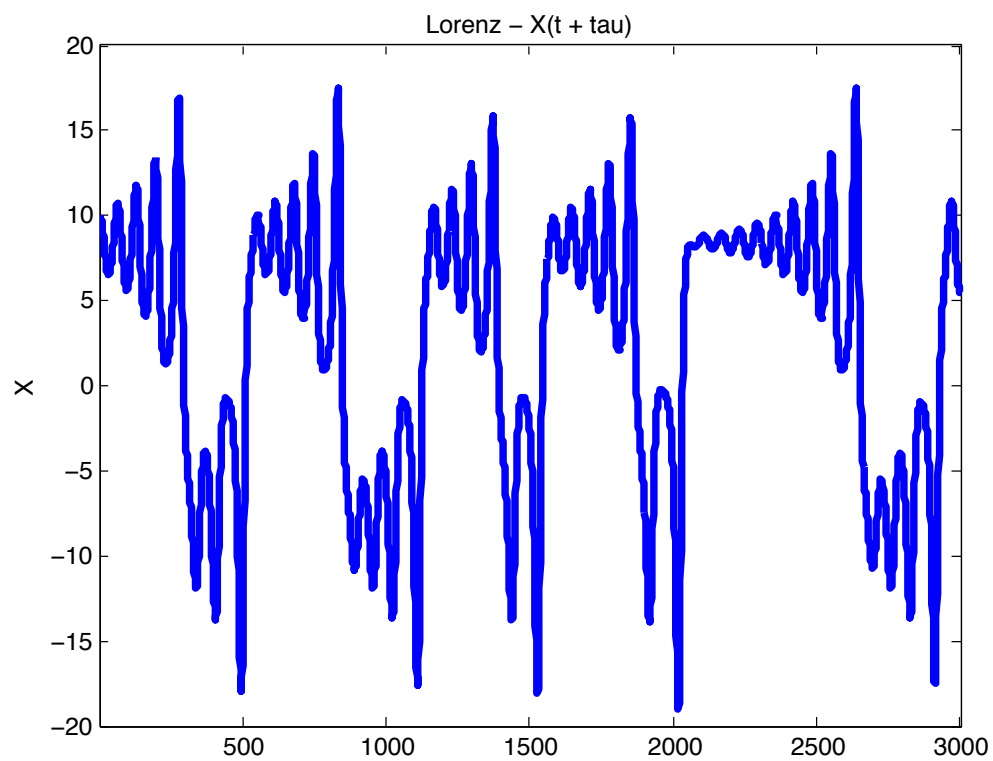
Let's take our embedding delay
or lag to be:

$$T = 1000$$



Data point 1 + T $[X(t) = 1001]$

becomes data point 1 for this
dimension



X

(t

+

2

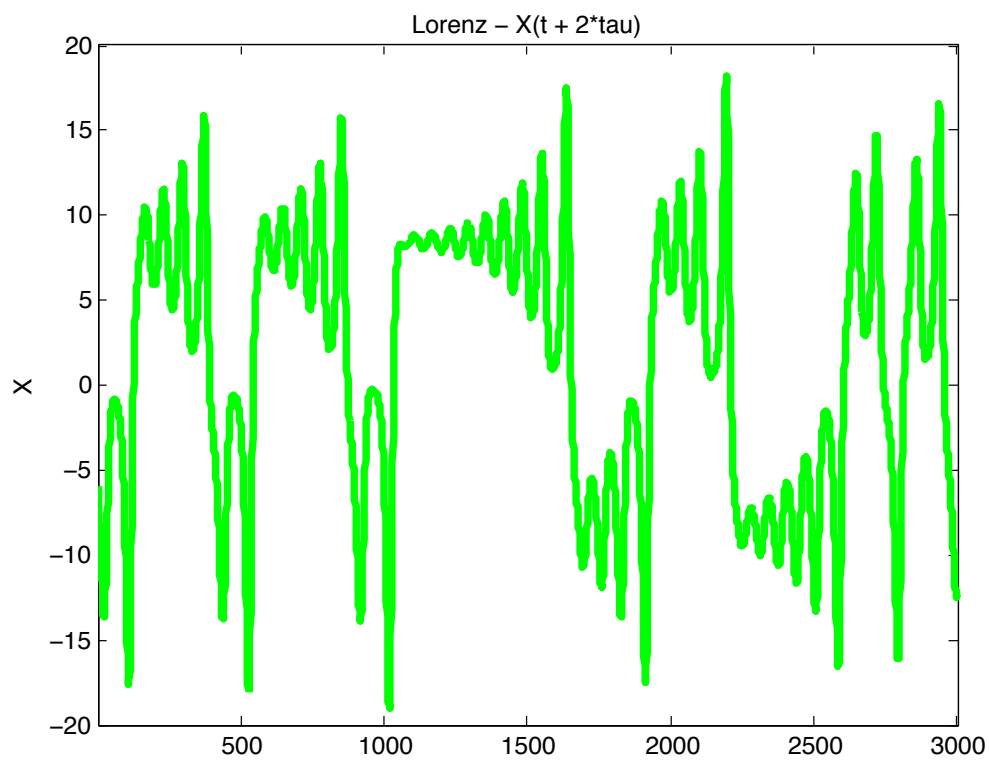
*

T

)

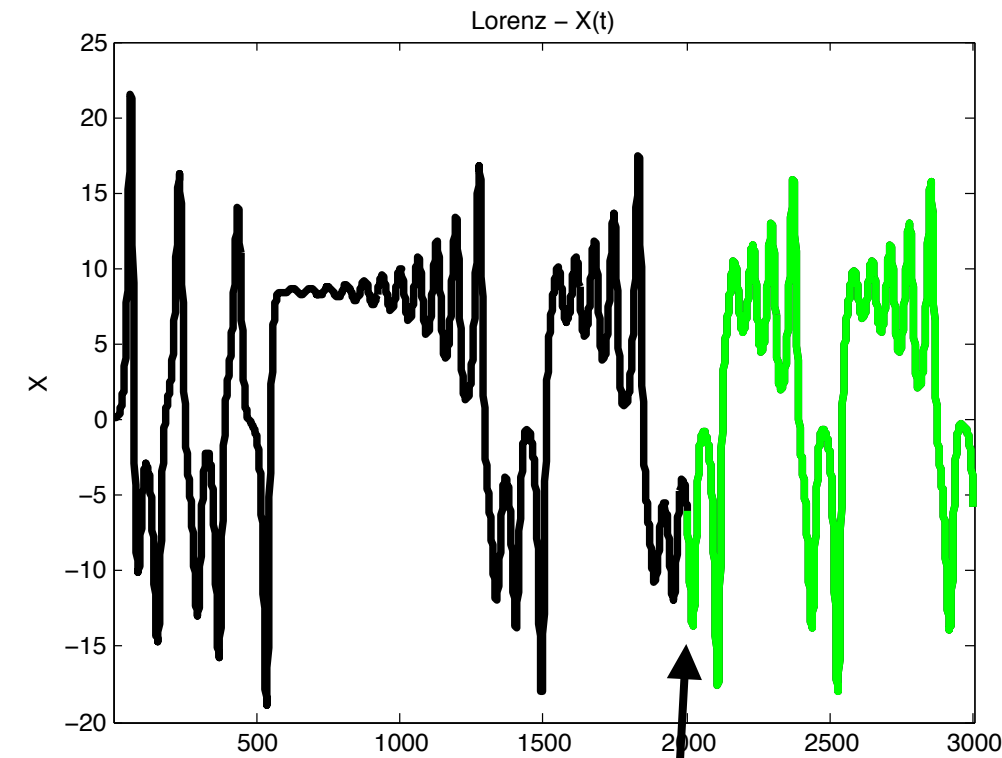
Data point $1 + 2^*T$ [$X(t) = 2001$]

becomes data point 1 for this
dimension



Creating surrogate dimensions using the method of delays

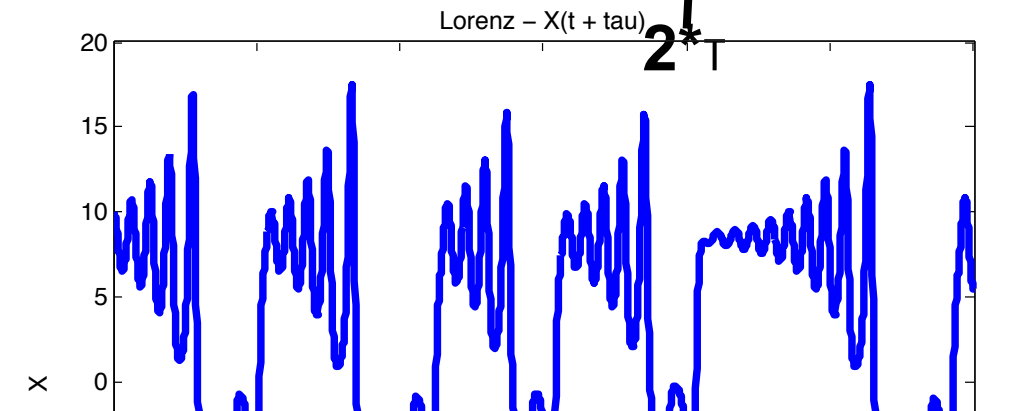
$X(t)$



Let's take our embedding delay
or lag to be:

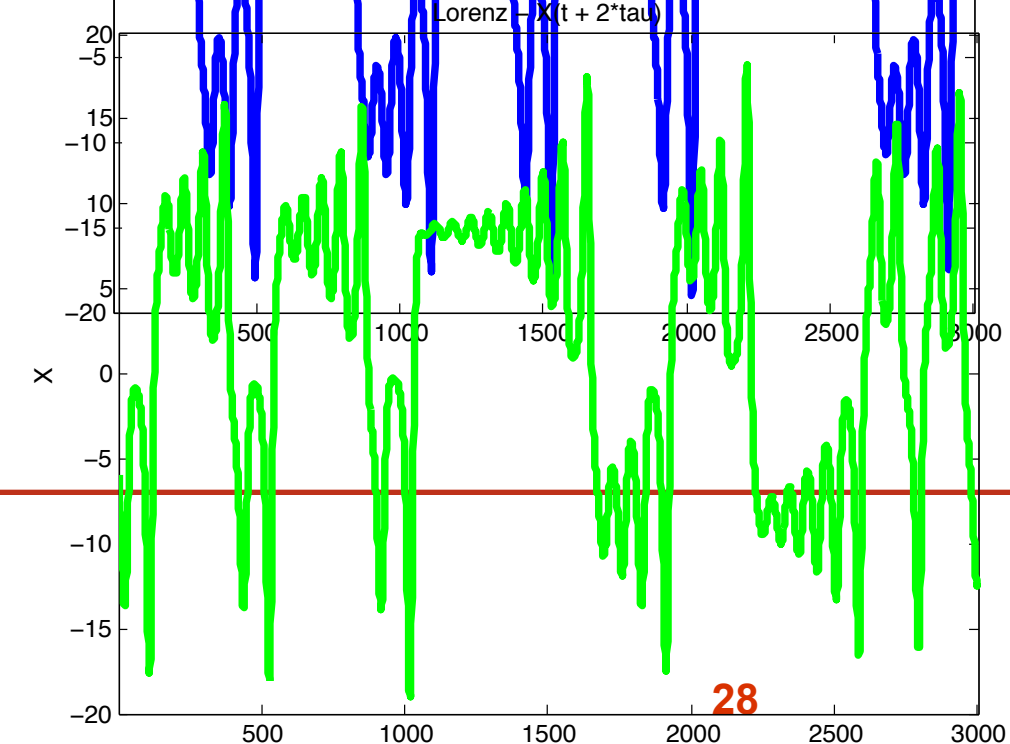
$$T = 1000$$

$X(t + T)$



Data point $1 + T$ [$X(t) = 1001$]
becomes data point 1 for this
dimension

$X(t + 2*T)$



Data point $1 + 2*T$ [$X(t) = 2001$]
becomes data point 1 for this
dimension

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Creating surrogate dimensions using the method of delays

$X(t)$

$X(t + \tau)$

$X(t + 2\tau)$

