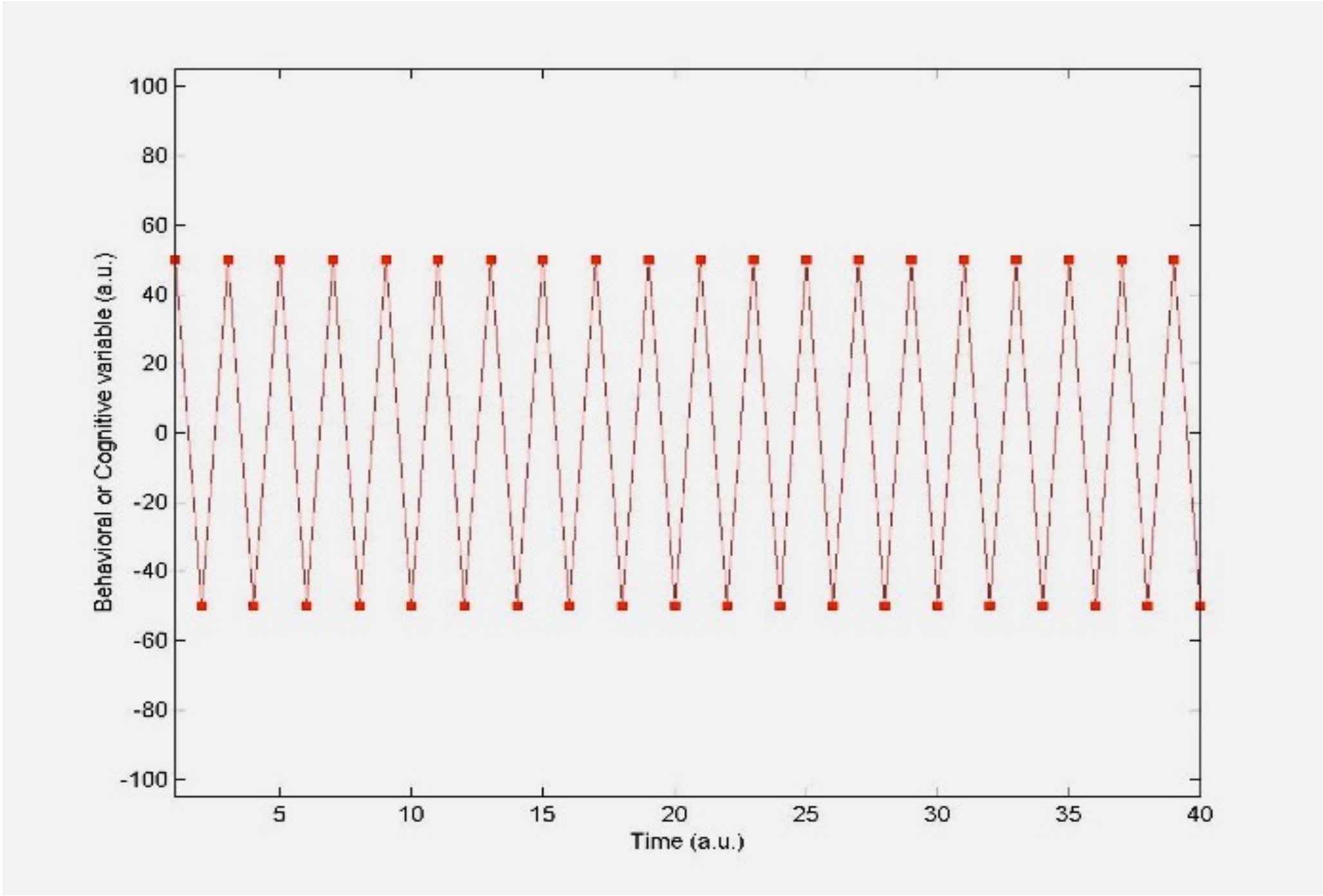
[1]refs

Linear Map: Iteration with a Parameter

40

a = -1.00
Y0 = 50


100
80
60
40
20
0
-20
-40
-60
-80
-100
Behavioral or Cognitive variable (a.u.)
5
10
15
20
25
30
35
40
Time (a.u.)

$$Y_{i+1} = a \cdot Y_i$$

Linear Map: Iteration with a Parameter

$$Y_{i+1} = a \cdot Y_i$$

[1]refs

Linear Map: Iteration with a Parameter

Some interesting differences compared to a linear model:

- Change of behaviour over iterations
  - *Simple model vs. "time" or "occasion" as a predictor*
- Qualitatively different behaviour
  - *One model produces at least four different types of behaviour*
  - *Not by adding predictors (components), by changing one parameter*

[1]refs