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Chaotic neuron clock

A. Bershadskii, Y. Ikegaya

(Submitted on 22 Oct 2010 (v1), last revised 21 Nov 2010 (this version, v3))

A simple threshold model of neuron firing (with the neuron membrane electrochemical potential governed by the

chaotic
Rossler
attractor)
has
been
analyzed
by
mapping