

Notes on the published article “A New Dynamic Electronic Model of Neuron’s Membrane” by M. Emin TAĞLUK, Anatolian Journal of Computer Sciences, Volume 3, Issue 1, 2018, Page 57

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Abstract— This short note concerns the error in the article by M. Emin TAĞLUK, “A New Dynamic Electronic Model of Neuron’s Membrane”, Optik - Anatolian Journal of Computer Sciences, Volume 3, Issue 1, 2018, Pages 1-6. Amendments of author are presented in this paper.

List of Corrections:

A List of revisions is listed, below.

(i) Caption of Figure 1 is revised as

"Figure 1. Hodgkin-Huxley electrical model for cell membrane at resting state [9]"

(ii) Equation (1) is corrected as

$$V(t) = V_f - (V_f - V_i)\exp(-t/\tau) \quad (1)$$

(ii) Equation (2) is corrected as

$$E = V(t_p) = V_f - (V_f - V_i)\exp(-t_p/\tau) \quad (2)$$

(ii) Project ID is also corrected as

"This study is supported by the Inonu University Scientifics Researchers Project Department (BAP) under project ID:1013."