Correction to "Optimal Neural Network Algorithm for On-Line String Matching"

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The above paper [1] describes a neural network where "every neuron is a McCulloch–Pitts binary neuron with threshold $\theta_i = 2$ for $i > 1$ and $\theta_1 = 1$."

The authors of the above paper made a mistake on the threshold θ_1 of the first neuron. The correct threshold is $\theta_1 = 2$. Although the authors adopted the correct threshold $\theta_1 = 2$ through the rest of their paper, it may be misleading to the readers if this mistake was not corrected.

REFERENCES

[1] Y.-W. Leung, J.-S. Zhang, and Z.-B. Xu, "Optimal neural network algorithm for on-line string matching," *IEEE Trans. Syst., Man, Cybern. B, Cybern.*, vol. 28, no. 5, pp. 737–739, Oct. 1998.