Errata to "Design of Simple Neuro-controller for Global Transient Control and Voltage Regulation of Power Systems"

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There are two errors in the above paper [1]. On page 303, the seventh order model of the power system, the equation (1) should read as follows

$$\begin{aligned}
\dot{\delta} &= \omega - \omega_0, \\
\dot{\omega} &= \left(T_m + g + k_d\delta - T_e\right)/2H, \\
\dot{\lambda}_d &= e_d + r_a i_d + \omega_0\left(\omega + 1\right)\lambda_q, \\
\dot{\lambda}_q &= e_q + r_a i_q + \omega_0\left(\omega + 1\right)\lambda_d, \\
\dot{\lambda}_f &= e_f - r_f i_f, \\
\dot{\lambda}_{kd} &= -r_{kd} i_{kd}, \\
\dot{\lambda}_{kq} &= -r_{kq} i_{kq}.
\end{aligned}$$

The definition of above parameters can be found in [2]. On page 306, the input signal, should read as follows

$$u_f = \frac{e_f}{k_c} = e_\delta \mu_\delta + e_v \mu_v .$$

REFERENCES

[1] M. Jalili and R. Mohammadi-Milasi, "Design of simple neuro-controller for global transient control and voltage regulation of power systems," *International Journal of Control, Automation, and Systems*, vol. 3, no. 2, pp. 302-307, June 2005.

[2] P. Kundur, *Power System Stability and Control*, In the EORI Power System Engineering Series, McGraw Hill, New York, 1994.

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