

USING NEURAL NETWORK FOR DOING FORECAST AND CORRECTING THE TEMPERATURE ERROR

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Abstract

In our time there is a need to obtain result of temperature measuring faster for further processing. High-speed processing is required in medicine, in technical laboratories, in scientific researches. Dynamic measurement errors must be taken into account in order to ensure high accuracy in measuring channels. Therefore, the goal is to develop specialized software using neural network. The developed program provides for prediction and correction of dynamic error of thermoconverter to reduce time of temperature measurement.

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