

# Development of the Intelligent Control for the System “DPT-Generator”

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*Abstract:* The paper deals with the question of the control of nonlinear system “DC motor – generator” using the predictive model control, where the model is expressed explicitly. The paper gives used parameters of the regulator design and the object model. It also shows the actual results of the system wirking.

*Key words:* control with predictive model, intelligent control, DC motor, a linear object.

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