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#### TUNING OF THE DIGITAL SELF-ADJUSTING MODIFIED PID CONTROLLER

In this paper we consider the construction and definition of optimal settings for a digital self-adjusting modified proportional-integral-differential (PID) controller, designated in the paper as PID-A and represented by two types PID-A1 and PID-A2.

**Keywords:** PID controller, tuning of a digital controller, self-adjusting modified PID controller, structure of a controller, definition of PID controller's parameters, optimization approach for parameters tuning.

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