

# **Design of a supervisory motor controller with feedback on the LabVIEW platform.**

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**Abstract:** This topic proposes the design and implementation of a supervisory control system for motors using feedback via the LabVIEW tool. Through technical analysis and practical validation, the goal is to build an effective solution for managing the motor's operational process. The research methodology includes synthesizing knowledge from automatic control theory combined with application deployment on LabVIEW to ensure reliability and flexibility. The expected results will provide a platform for optimizing performance and minimizing motor operating costs.

**Keywords:** Engine, LabVIEW, Automatic control, Monitoring, Feedback