

Control and monitoring of the pressure stabilization tracking system

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Abstract: This study focuses on proposing an effective control and monitoring method for a pressure tracking stabilization system to meet the stringent requirements of the petrochemical industry. The main objective is to build an automatic control system capable of providing high reliability under diverse operating conditions. The research method combines mathematical theory with practical testing, ensuring the system's efficiency and safety. The expected results will provide a crucial solution for optimizing the pressure tracking stabilization process, contributing to enhanced production productivity and reduced operational risks.

Keywords: automatic control, system monitoring, stable pressure tracking