

## عنوان مقاله:

Model Predictive Control: A Summary of Industrial Challenges and Tuning Techniques

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## خلاصه مقاله:

This paper provides an overview of industrial challenges and tuning techniques of model predictive control (MPC). For the sake of most of research studies need better algorithms and best tuning techniques to improve their applications performance, several tuning techniques for MPC have been summarized and listed in this paper. A brief description MPC concept is presented first, followed by some industrial applications; strategies based linearity achievement, linear and nonlinear MPC Strategies and MPC tuning techniques formulation. Academic contributions are highlighted .and suggestions provided for improving MPC

## کلمات کلیدی:

.Model predictive control, Industrial challenges, MPC tuning techniques, Dynamic matrix control

## لینک ثابت مقاله در پایگاه سیویلیکا:

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