



老叶说事 《高阶会员专属-第9期》

模型预测控制（MPC）的
参数如何设计？ MPC在电
机控制领域的应用与
MATLAB仿真资源分享

《高階會員專屬-第9期》模型預測控制（MPC）的參數如何設計？！MPC在電機控制領域的應用與MATLAB仿真資源分享



《高階會員專屬-第9期》模型預測控制（MPC）的參數如何設計？！MPC在電機控制領域的應用與MATLAB仿真資源分享

IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, VOL. 56, NO. 6, JUNE 2009

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Design and Implementation of Model Predictive Control for Electrical Motor Drives

Saverio Bolognani, *Student Member, IEEE*, Silverio Bolognani, *Member, IEEE*,
Luca Peretti, *Student Member, IEEE*, and Mauro Zigliotto, *Member, IEEE*

5156

IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, VOL. 63, NO. 8, AUGUST 2016



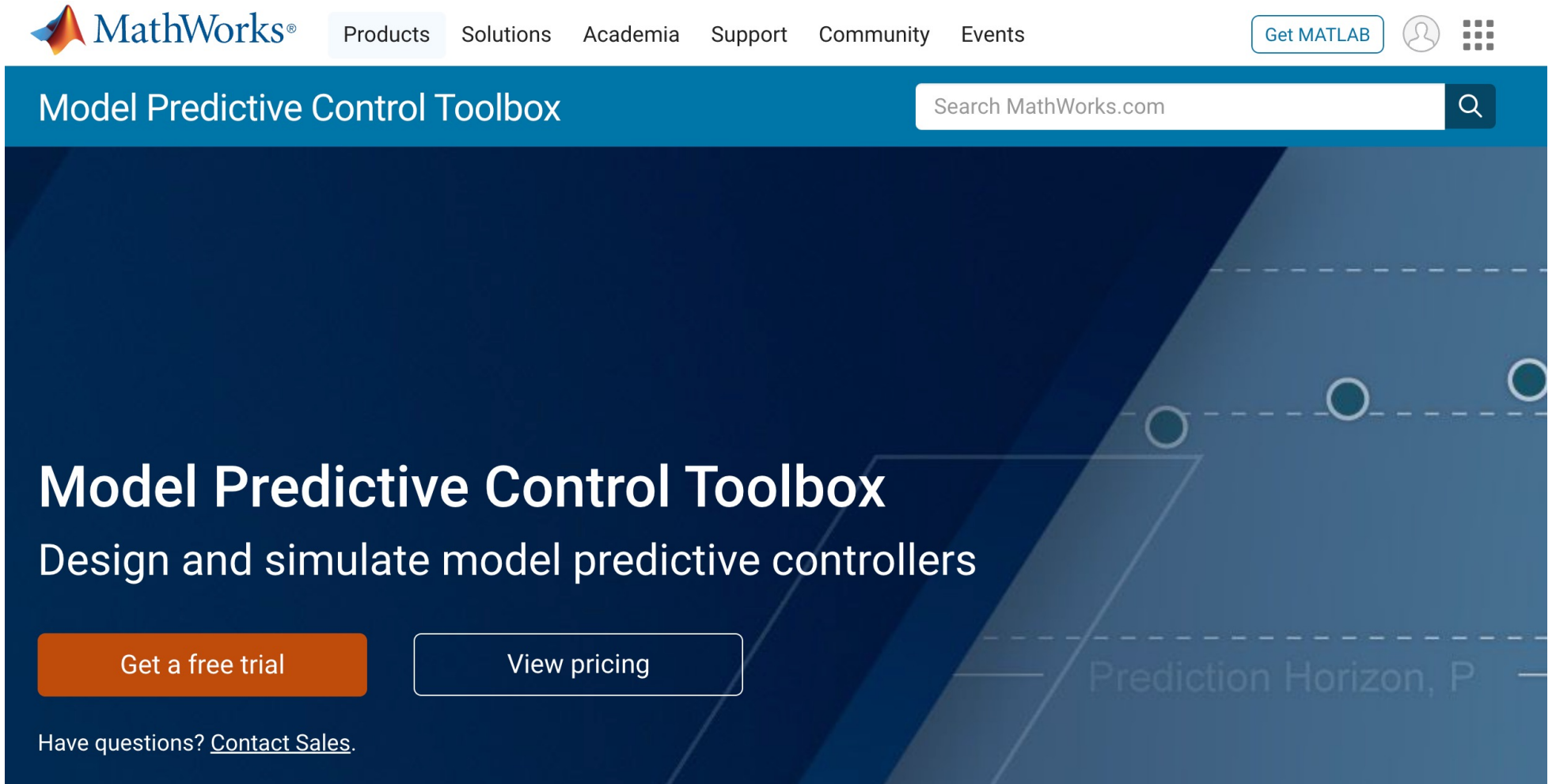
PMSM Model Predictive Control With Field-Weakening Implementation

Zbynek Mynar, Libor Vesely, and Pavel Vaclavek, *Senior Member, IEEE*

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- MPT3 MATLAB工具箱下載：
<https://www.mpt3.org/Main/Installation>

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The screenshot shows the MathWorks website for the Model Predictive Control Toolbox. The top navigation bar includes the MathWorks logo, links for Products, Solutions, Academia, Support, Community, and Events, a 'Get MATLAB' button, and user account icons. The main header area features the title 'Model Predictive Control Toolbox' and a search bar. The central content area has a large title 'Model Predictive Control Toolbox' and a subtitle 'Design and simulate model predictive controllers'. Below this are two buttons: 'Get a free trial' and 'View pricing'. At the bottom, there is a link to 'Contact Sales' for questions. The background of the main content area features a technical diagram with dashed lines and circles, labeled 'Prediction Horizon, P'.

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Prediction Horizon, P