

Decoupling control

Active power decoupling (APD) effectively addresses the issue of suppressing the dc voltage fluctuation in single-phase ac/dc converters. However, it usually uses the closed-loop ...

Research on wireless power transfer (WPT) systems, especially single-input multiple-output (SIMO) designs, has attracted significant interest due to their practicality. Nevertheless, ...

A flexible interconnection distribution network model incorporating RPFCs and its corresponding two-port equivalent model are developed. The parameters of the two-port equivalent model ...

????????,?????????abc????,?????decoupling?????pid?????mimo??.?????????????????simulink??function? ...

This article elucidates the advantages of flexible power decoupling control for QAB converters comparing with other decoupling control methods, further elaborates on its operation within ...

Decoupling& Aggregating Attention Control????????,?????????????????: Decoupling Attention Control???Latent????????,?? ...

To overcome this barrier, based on the model predictive current control, this article proposes a current decoupling control for the LFC-PM motor. The contribution of this paper is developing a virtual flux reference frame concept ...

Both tungsten (W) and tin (Sn) are crust-affiliated elements that tend to concentrate in highly fractionated granitic magmas. However, their mineralization is often decoupled, with some ...

The number of rock failure units under different decoupling coefficient conditions is analyzed to quantitatively evaluate the control effect of the decoupling coefficient on rock fracture ...

?? Multi-Person Pose Estimation with Feature Enhancement and Decoupling Based on Contrastive Learning
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The task of text-to-image generation has matured significantly with the advancement of diffusion models; however, achieving precise control over the details and style of generated images ...

To realize the decoupling control of the electrohydraulic servo loading system with positional perturbation, a decoupling control method of state feedback based on the improved Gray Wolf ...

Decoupling control

Spatiotemporal decoupling of floristic endemism in response to Qinghai-Tibet Plateau uplift
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The core of this system is a new type of polarization-decoupling multi-port beam-splitting (PD-MPBS) metasurface, which integrates multiple beam splitting and independent polarization ...

To reduce costs and simplify the control system, a sensor-reduced decoupling control method is proposed, with its key advantages highlighted in three aspects: First, the proposed method ...



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