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Other Advanced Optimization Algorithms Or For Caliberating Complicated Adaptive Regulators. This Paper Presents A PID Autotuning Procedure Based On Astrom And Hagglund's Method. This Procedure Is Able To Tune A PID Controller Without Using Preliminary Experiments, Modeling Or External Tools. Feb 18th, 2024

Recurrent Neural Networks For PID Auto-tuning

A Feed-forward Neural Network To Control A Cascade Two-tank System. An Adaptive Neu-ral Network To Control A Wheeled Inverted Pendulum Is Presented In [12]. These Are Just A Handful Of Examples For Nonlinear Systems, As There Exist Many More And For Each Problem There Are Various Approaches To Handle The Difficulties Of The Processes ... Apr 27th, 2024

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