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Neural network adaptive tracking control for a class of uncertain switched nonlinear systems

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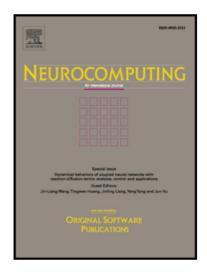
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Highlights

- Study the method of the tracking control of the switched uncertain nonlinear systems under arbitrary switching signal controller
- A multilayer neural network adaptive controller with multilayer weight norm adaptive estimation is been designed
- The adaptive law is expand from calculation the second layer weight of neural network to both of the two layers weight
- The controller proposed improve the tracking error performance of the closed-loop system greatly

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