RESEARCH PAPERS

基于神经网络的过程趋势预测

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摘要　In order to catch more process details in chemical processes, a dynamic model for prediction of process trends is proposed by modifying traditional time-series ANN (artificial neural networks) model with impulse response identification means. The application result of the model is briefly discussed.

关键词　time-series neural network　dynamic models

分类号

DOI:

Prediction of Process Trends Based on Neural Networks

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Abstract In order to catch more process details in chemical processes, a dynamic model for prediction of process trends is proposed by modifying traditional time-series ANN (artificial neural networks) model with impulse response identification means. The application result of the model is briefly discussed.

Key words　time-series neural network; dynamic models

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