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Application research of modified observation compensator control scheme

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Abstract
The control scheme of modified observation compensator for time delay system is discussed, and makes it applied to ammonia plant synthesizing section's Hydrogen-Nitrogen Ratio control, which makes a great success. The qualified rate of hydrogen-nitrogen ratio increased to about 90% from the original 50% or so. © 2008 IEEE.

Index Keywords
Ammonia plants, Application researches, Control schemes, Ratio controls, Time-delay systems; Artificial intelligence, Hydrogen, Industrial applications, Intelligent control; Delay control systems

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