Closed Loop Control of Quadruple Tank Process using Fuzzy Logic PI Controller

Abstract

Quadruple tank process is a Multi-Input-Multi-Output process exhibiting both minimum phase and non-minimum phase behaviour. In this research, an attempt has been made to mathematically model and design a fuzzy controller for the non-minimum phase of Quadruple Tank Process. Both servo and regulatory responses are obtained for the proposed controller.
References


Index Terms

Computer Science  Circuits And Systems
Keywords
Quadruple Tank  Jacobian Matrix  Mathematical Modeling  Fuzzy Logic Control.