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Full Title of Your Paper

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ABSTRACT. *Please write down the abstract of your paper here....* **Keywords:** Please write down the keywords of your paper here, such as, Intelligent information, System control

1. Introduction. Please write down the Introduction of your paper here...

2. **Problem Statement and Preliminaries.** Please write down your section. When you cite some references, please give numbers, such as, ... In the work of [1-3,5], the problem of... For more results on this topic, we refer readers to [1,4,5] and the references therein...

Examples for writing definition, lemma, theorem, corollary, example, remark.

Definition 2.1. System (1) is stable if and only if...

Lemma 2.1. If system (1) is stable, then...

Theorem 2.1. Consider system (1) with the control law...

Proof: Let...

Corollary 2.1. If there is no uncertainty in system (1), i.e., $\triangle A = 0$, then...

Remark 2.1. It should be noted that the result in Theorem 2.1...

Example 2.1. Let us consider the following example...

$$\ddot{y} x(t) = Ax(t) + Bu(t) + B_1 w(t)$$
 (1)
 $y(t) = Cx(t) + Du(t) + D_1 w(t)$ (2)

.....

3. Main Results. Here are the main results in this paper... Definition 3.1. System (3) is stable if and only if... Lemma 3.1. If system (3)-(4) is stable, then... $\ddot{y}x(t) = Ax(t) + Bu(t) + B_2w(t)$

$$y(t) = Cx(t) + Du(t) + D_2w(t)$$
 (4)

(3)

Theorem 3.1. Consider system (3) with the control law... **Proof:** Let...

Corollary 3.1. If there is no uncertainty in system (3), i.e., $\triangle A = 0$, then...

Remark 3.1. It should be noted that the result in Theorem 3.1... **Example 3.1.** Let us consider the following example...

TABLE 1. I uzzy full table by I STRM	
x_1/x_2	$A_{21} \dots A_{2j} \dots A_{2k}$
A_{11}	w_1/y_1 w_j/y_j w_k/y_k
A_{12}	w_{k+1}/y_{k+1} w_{k+j}/y_{k+j} w_{2k}/y_{2k}
A_{1i}	$\dots \qquad \dots \qquad \mathcal{W}_{(i-1)k+j} / \mathcal{Y}_{(i-1)k+j} \qquad \dots$
A_{1r}	$W_{(i-1)k+1}/Y_{(r-1)k+1}$ W_{rk}/Y_{rk}

4. Control Design. In this section, we present...

.....

$$\ddot{y} x(t) = Ax(t) + Bu(t) + B_3w(t)$$
(5)

$$y(t) = Cx(t) + Du(t) + D_3w(t)$$
(6)

Definition 4.1. System (5) is stable if and only if...

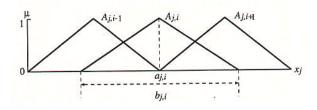


FIGURE 1. Triangular-type membership functions for x_i

Lemma 4.1. If system (5) is stable, then... Theorem 4.1. Consider system (5)-(6) with the control law... Proof: Let.... Corollary 4.1. If there is no uncertainty in system (5)-(6), i.e., $\triangle A = 0$, then... Remark 4.1. It should be noted that the result in Theorem 4.1... Example 4.1. Let us consider the following example...

5. Conclusions. The conclusion of your paper is here...

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