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12		1 $\dot{\rho}$ $\sim$ $\text{\textcircled{F}}$ $\text{\textcircled{F}}$ $\dot{i}$ 2 $\dot{\rho}$ $\dot{i}$ γ $\text{\textcircled{F}}$ 3 $\dot{i}$ N_0 4 = 5. γ N_0 N_0 $\int$ $\downarrow$ N_0 ω $\downarrow$
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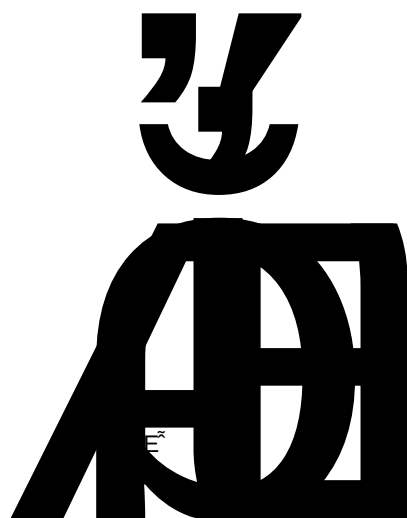
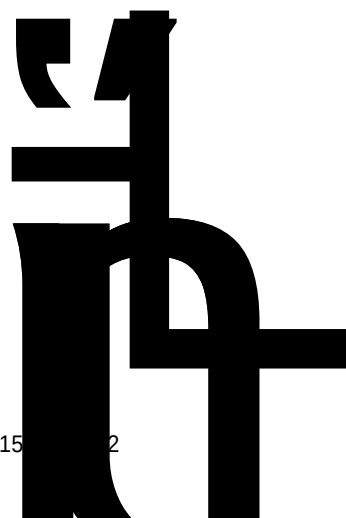
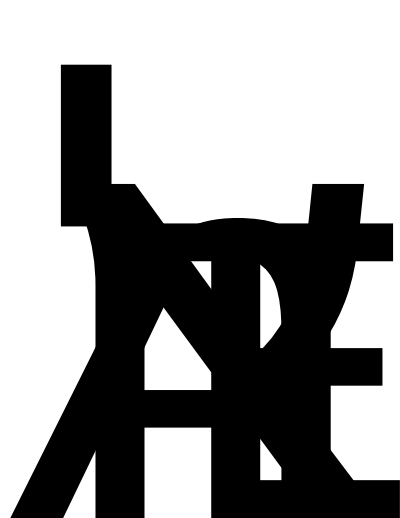
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Figure 4.1 and 4.2 are schematic diagrams of the proposed two-stage control strategy. Figure 4.1 shows a two-stage process where the first stage (1) is a PI controller and the second stage (2) is a fuzzy inference system. The output of the first stage is the reference for the second stage. Figure 4.2 shows a similar two-stage process, but the first stage (1) is a PI controller and the second stage (3) is a fuzzy inference system. The output of the first stage is the reference for the second stage. Both diagrams show the input signal $u(k)$ and the output signal $y(k)$.

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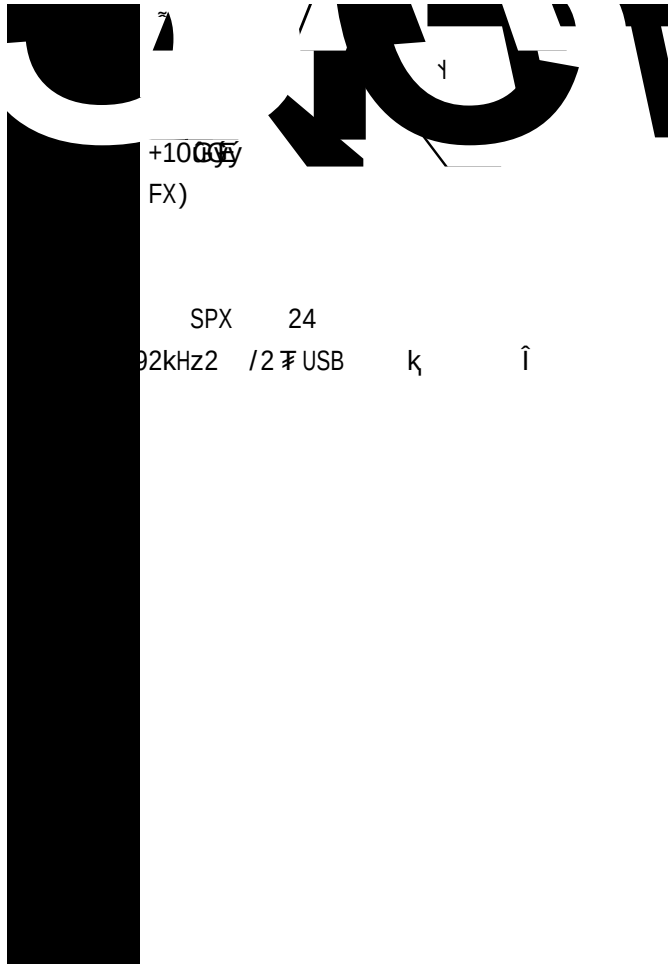
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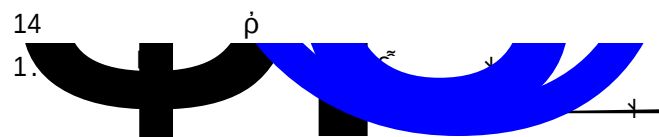
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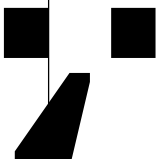
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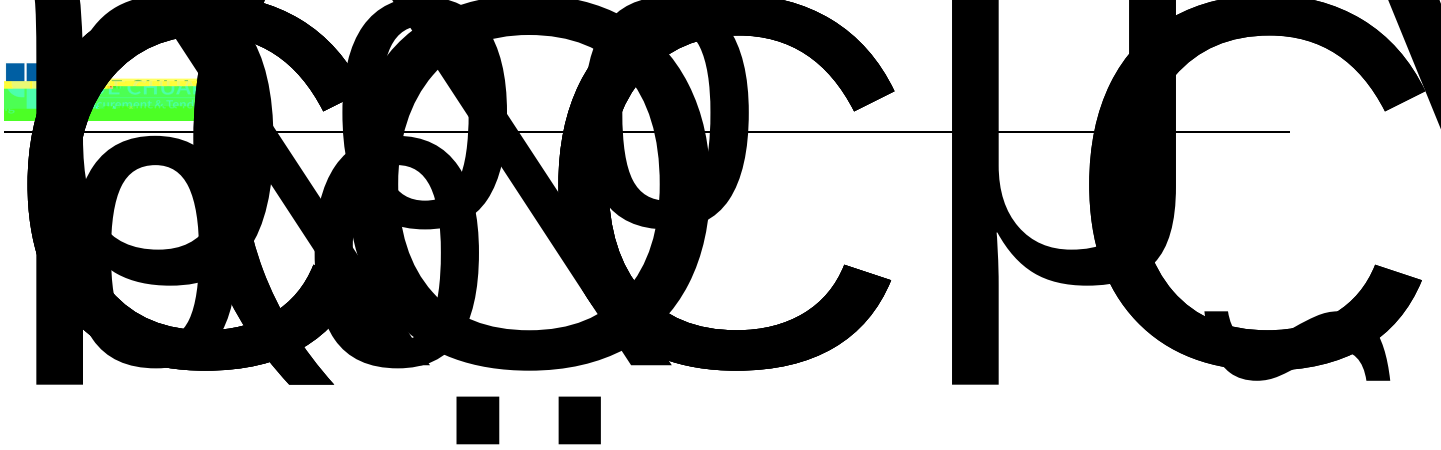
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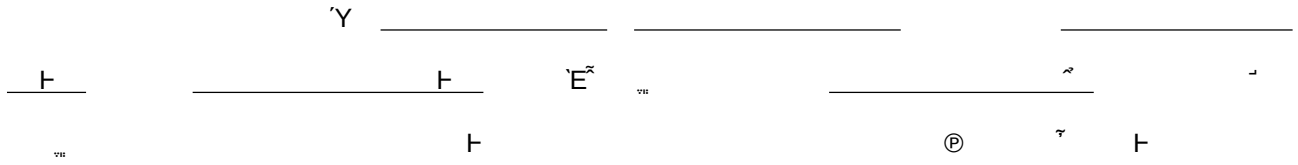
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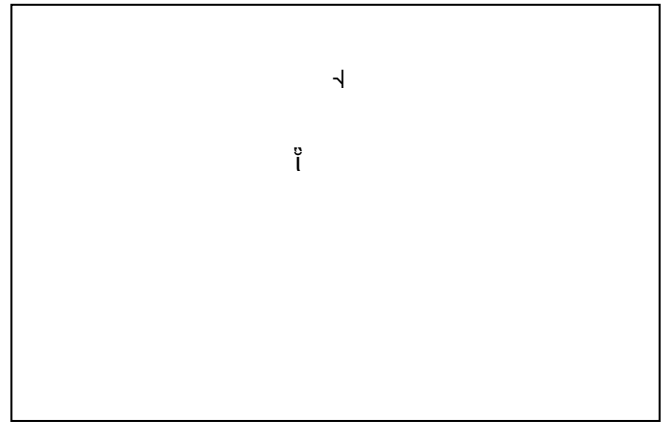
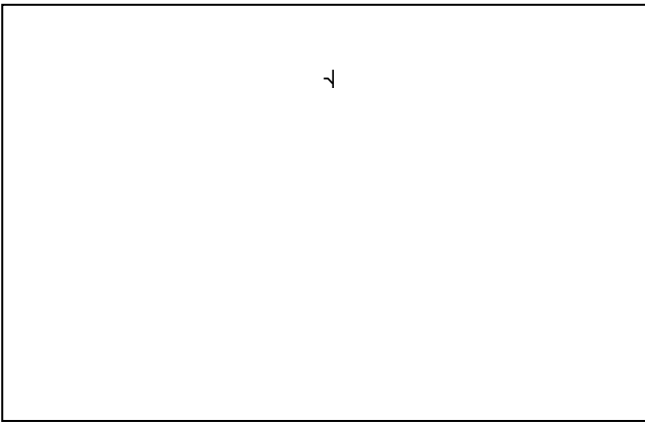
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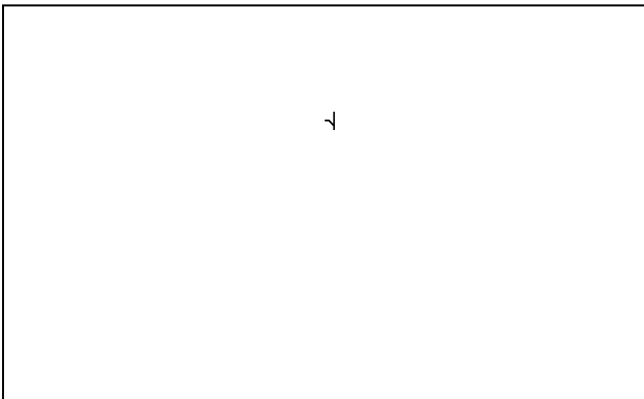
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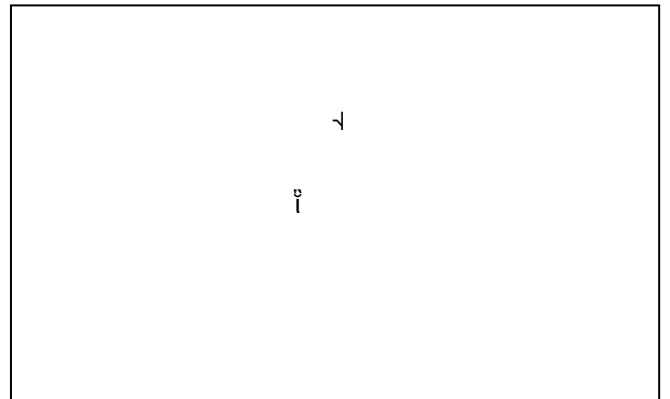
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