

**Part I**

**Fuzzy System**

| CLP Variation |          | Output Throughput |          |      |           |
|---------------|----------|-------------------|----------|------|-----------|
|               |          | low               | moderate | high | very high |
| System Load   | low      | IS                | IS       | I    | I         |
|               | moderate | I                 | I        | I    | I         |
|               | high     | M                 | M        | D    | D         |
|               | critical | DS                | DS       | DS   | DS        |

## 0.1 Architecture

This should contain choice of architecture and why.

## 0.2 Membership Functions

all the membership functions and linguistic terms

## 0.3 Rules

rules

## 0.4 Results

**Part II**

**Neural Networks**