

LIST OF ABBREVIATIONS

ADC	Analogue to Digital Converter
AI	Artificial Intelligence
ANNs	Artificial neural networks
BOA	Bisector of area method
COA	Center of area method
DCS	Distributed Control System
FIS	Fuzzy Inference System
FL	Fuzzy Logic
FLC	Fuzzy Logic Control
FLCS	Fuzzy logic control system
FS	Fuzzy Set
GA	Genetic Algorithm
GP	Genetic programming
LOM	Largest of maximum method
μ C	Microcontroller
MF	Membership function
MOM	Mean of maximum method
PCB	Printed Circuit Board
PC	Personal Computer
PD	Proportional-derivative
PID	Proportional-integral-derivative
PWM	Pulse Width Modulation
RTD	Resistance Temperature Detector
SISO	Serial In Serial Out
SOM	Smallest of maximum method
SSR	Solid State Relay
TSK	Takagi-Sugeno-Kang