



Fuzzy Term Set
of Antecedents

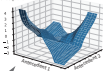
Antecedent 1:
Percent Win Ratio

| | Antecedent 2: Agent Life Length (Normalized) | | |
|---------|---|------------|----------------|
| | LOW | AVERAGE | HIGH |
| LOW | LOWER (1) | LOW (3) | HIGHER (5) |
| AVERAGE | HIGH (4) | LOW (2) | LOWER (1) |
| HIGH | HIGHEST (6) | LOW (2) | AVERAGE (3) |



Fuzzy Term Set
of Consequents

Consequent 1:



Calculating the Input-to-Output
(Antecedent-to-Consequent)
fuzzy feedback function with z_{rule}

$$z_{rule} = [1 \ 2 \ 5 \ 4 \ 2 \ 1 \ 6 \ 2 \ 3]$$