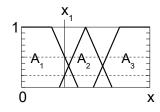
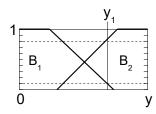
1. Fuzzification

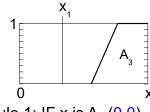


 $A_1(x)=0.5; A_2(x)=0.2$

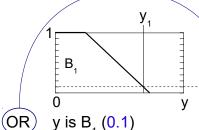


 $B_1(x)=0.1$; $B_2(x)=0.8$

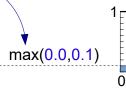
2. Rule evaluation



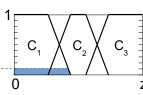
Rule 1: IF x is A_{3} (0.0)



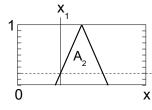
y is $B_{1}(0.1)$



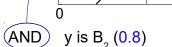
THEN



 $z is C_{1}(0.1)$

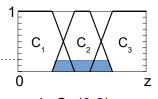


Rule 2: IF x is $A_{2}(0.2)$

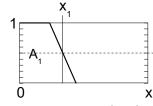


THEN

min(0.2,0.8)



z is $C_{2}(0.2)$



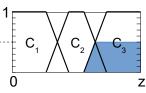
Rule 3: IF x is $A_{1}(0.5)$

(0.5)

 $B_{_{2}}$

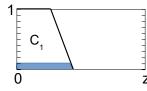
(there is only one condition)

THEN

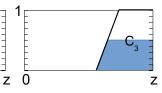


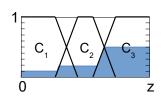
z is $C_{3}(0.5)$

3. Aggregation of rule consequents



 $C_{_2}$ z 0





4. Defuzzification

