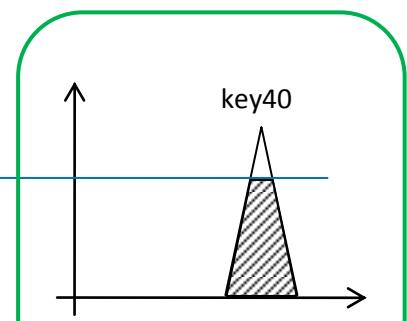
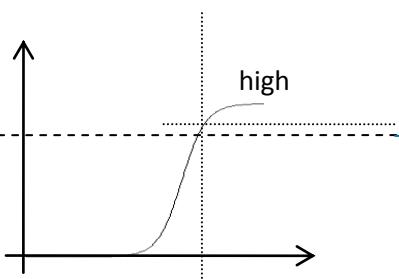
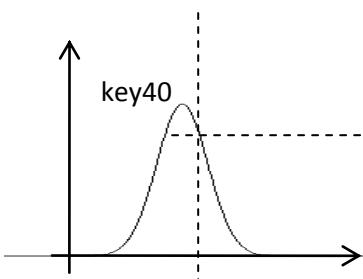
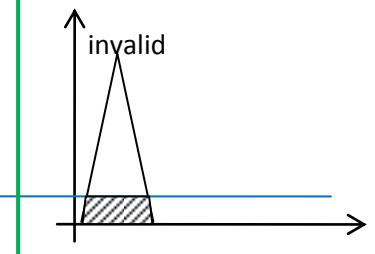
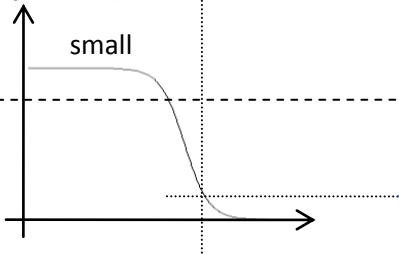
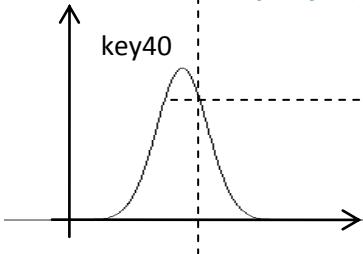


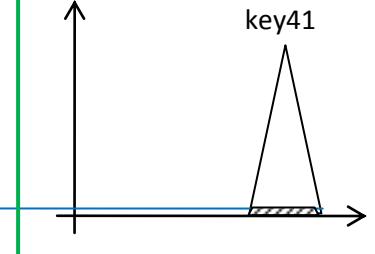
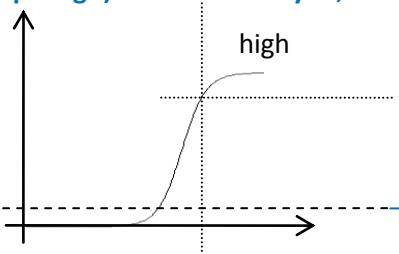
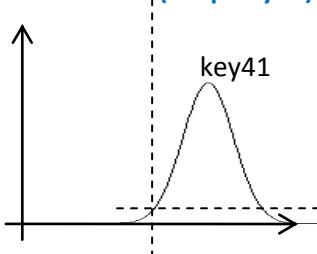
IF (freq=key40) and (ampl=high) THEN note=key40;



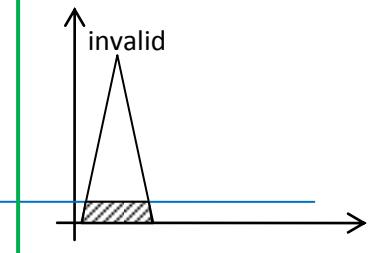
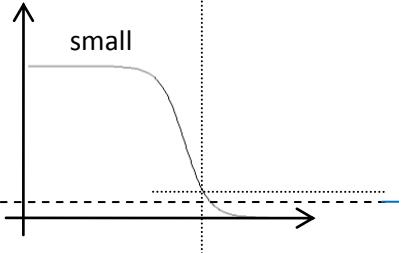
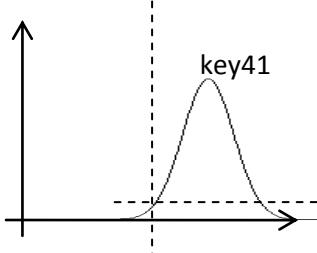
IF (freq=key40) and (ampl=small) THEN note=invalid;



IF (freq=key41) and (ampl=high) THEN note=key41;



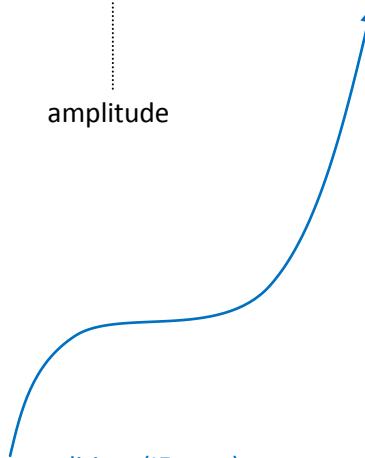
IF (freq=key41) and (ampl=small) THEN note=invalid;



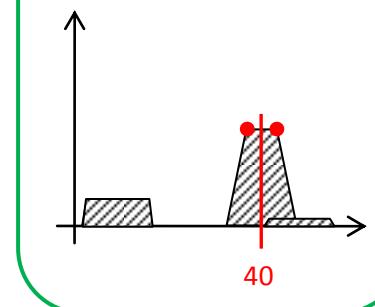
frequency

amplitude

The result of each condition (IF part) of the rules is the minimum of the values of the membership functions at the input values. The resultant output membership function is obtained as the intersection of the membership function and the minimum of the input membership function values.



Every resultant membership function of the output of the rules is combined into a single resultant output membership function



The output is originally a resultant membership function which cannot be interpreted in this form.
The middle of two maximum edges are selected as output, this is called defuzzification.