

The 21st

LSI 2018

Design Contest  
In Okinawa

Neural Network and HW  
Design for Experts level

LSI Design Contest  
2017/11/20



# Introduction

- This is the explanation of HW design for experts level.

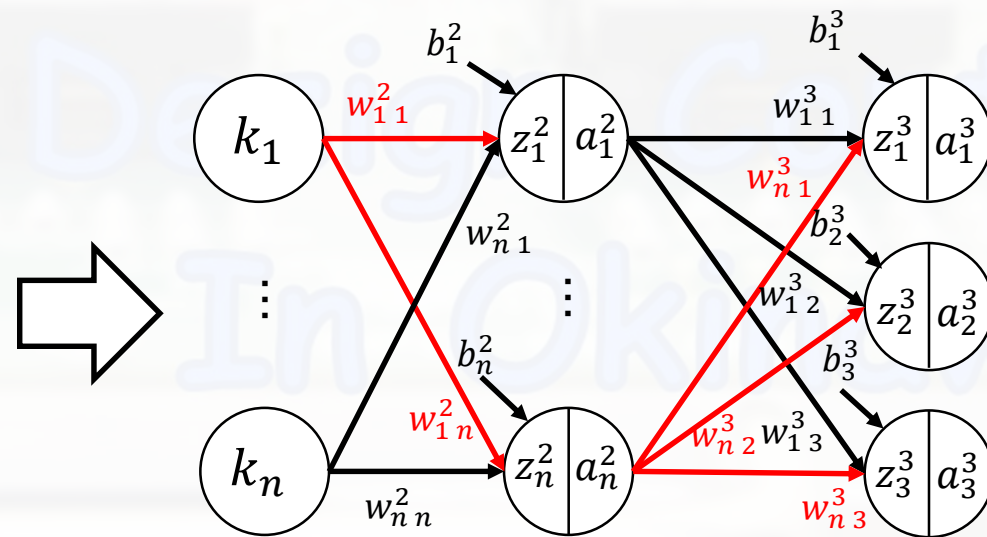


## Level 2 challenges

■ In level 1, the challenges was for 2-3-2 structure. So for experts level, the challenges are as below:-

- Number of output layer is fixed to 3
- Number of input and hidden layer is free i.e. depends on your design
- Supervisor data is sound or image

 or   
Sound or image as supervisor data





## Conclusion

- Please design your circuit based on the 3 conditions stated before
- Use your own creativity and originality