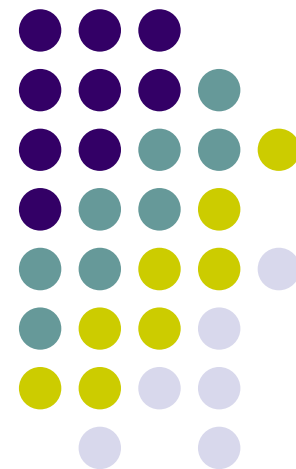


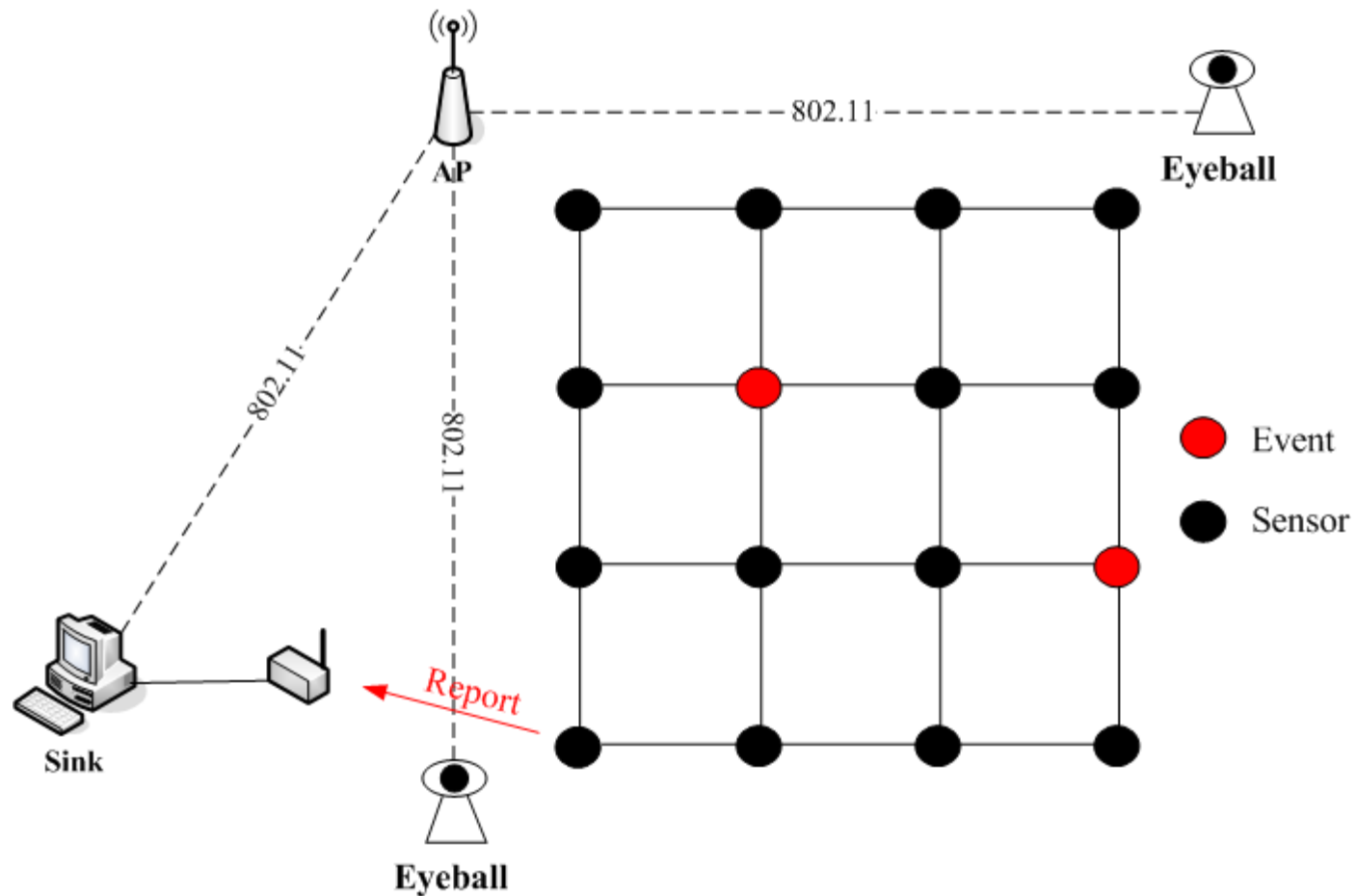
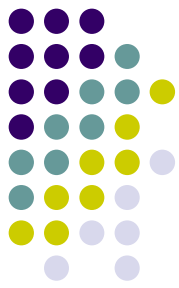
後卓越計畫—子計畫四 進度報告

陳文村 校長實驗室

2006.07.10



Working in progress

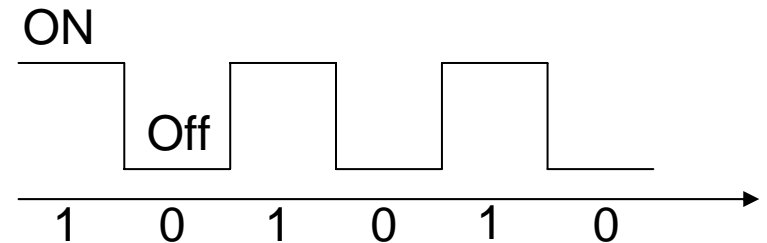
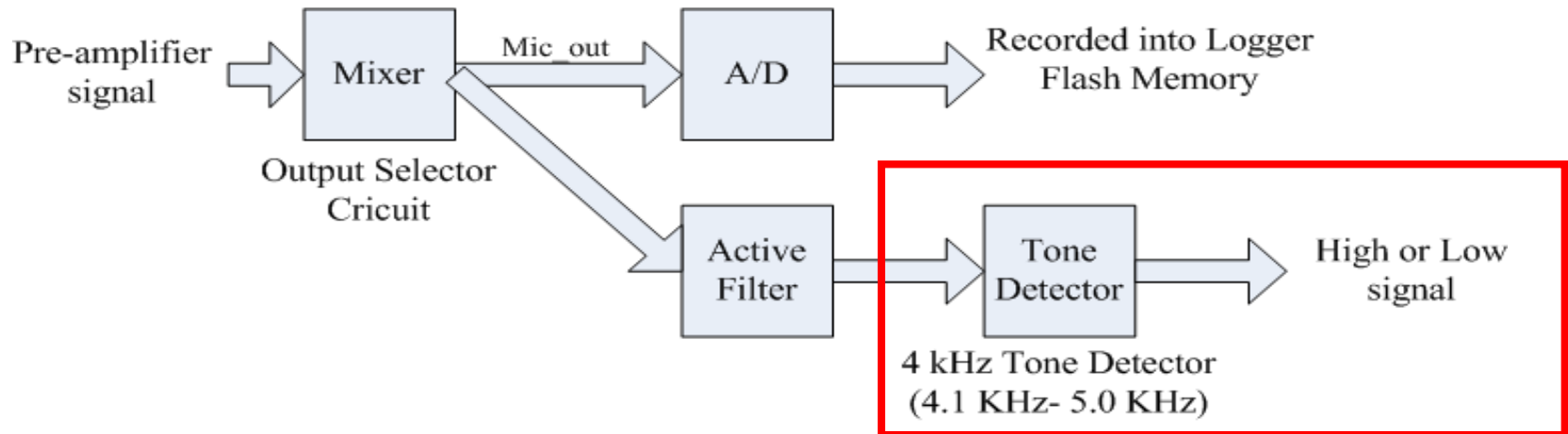


Object detection and Identification (1/2)

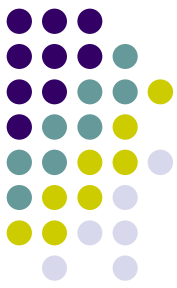


- We use acoustic method to transmit ID information to sensor networks
- This method is easier implementation and lower cost than one that uses RF-based method
- This method can be applied to the existing monitoring system

Object detection and Identification (2/2)



- A 4 kHz buzzer device
- Using sound existences to simulate digital bits



Next Steps

- The monitoring system will proceed to work
- Joint the identification function into our monitoring system