



國立高雄應用科技大學

電子工程系碩士班

論文題目寫在這

研 究 生： 郭育豪

指導教授： 謝慶發 博士

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## 系統概述

### 1.1 主機狀況

本機一切正常，並無出現特殊硬體錯誤與問題。

#### 1.1.1 硬體配備

- CPU
- Memoy
- Graphic
- Hard Disk
- SSD



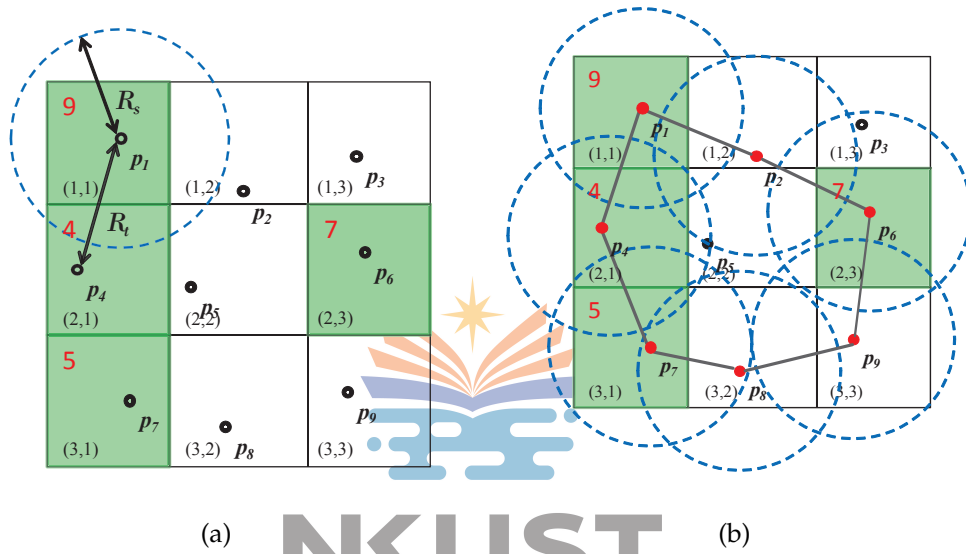


FIGURE 1.1: Example of the weighted-critical-square-grid coverage problem. (a) A sensor field divided into 9 grids of squares with length  $\ell$ , where  $R_s = \frac{\sqrt{3}}{2}\ell$ ,  $R_t = \ell$ , every grid is labeled with a pair of numbers, four critical grids are labeled with (1, 1), (2, 1), (2, 3), and (3, 1) are shown in green, the weight of each critical grid is shown in red, and hollow circles are the points that are allowed to deploy sensors. (b) A wireless sensor network constructed by 7 sensors denoted by solid circles, where an edge between two sensors represents that the two sensors can communicate with each other.