

Final homework for the course “Wireless Networks and Mobile Computing”

Deadline: 2015/Jan/16, 14:00

【English】 Write your homework **by hands** on **A4** sheets and take it to the teacher assistant, Mr. Lee (李孟駿), at Lab **F7015b** before deadline. Note that you will get **0** points if your homework is **late** or typed **by devices** not by hands. You can seek answers from Internet or libraries. However, **discussion between students is not allowed**. You will also get **0** points if you **copy** the answers of other students. **All** students that have the same answers of any questions will get 0 points. Remember to write down your **name** and **student ID** on **each** sheet.

【Chinese】 使用 **A4** 紙張寫期末作業。作業必須**手寫**，用任何設備打字將 **0** 分。期末作業必須**準時**繳交給助教（李孟駿，實驗室 7015b）。**遲交或者打字都 0 分**。同學們可上網找答案，但**不能互相討論**。抄襲其他同學的答案，**不論抄幾題，不論抄襲與被抄襲者，都是 0 分**。（相信大家可以透過不同的「**遣詞用字**」來表達相同的答案）。記得在每一頁的答案紙上寫下自己的**姓名和學號**。

1. (25 points)

【Chinese】 試用例子簡單描述 mobile IP 的運作。

【English】 Please use examples to illustrate how mobile IP works.

2. (25 points)

【Chinese】 試用例子簡單描述 Snoop TCP 的運作。

【English】 Please use examples to illustrate how Snoop TCP works.

3. (25 points)

【Chinese】 提出一個方法，是上課投影片所沒介紹的，可以用來減緩 MANET（mobile ad hoc network）上的「廣播風暴」問題。

【English】 Please propose a method which was not introduced in our course slides and can be used to alleviate the broadcast storm problem in a MANET (mobile ad hoc network).

4. (25 points)

【Chinese】 你認為未來智慧型手機可以提供什麼功能或 app 是目前手機所未提供的？

【English】 What functions or apps that a smart phone had better have in the future?