

國立臺北大學統計學系

專題演講

講題：An alike U-bike/City-bike system analysis

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時間：105 年 11 月 30 日（星期三，13：00~15：00）

地點：三峽校區商學大樓商 **7F01**

Abstract

To encourage citizens using bikes as short-distance transit vehicles, many local governments in Taiwan launched the public bike system. One feature of the public bike system is the electronic unmanned management system which provides the rental service: leases at place A and returns at place B. It is very convenient, but sometimes citizens fell in with no bikes when they had arrived rental stations. To reduce this situation, the public bike system needs their employees to rearrange the bikes at some rental stations. An interesting question naturally arises: what is the expectation of the total rental times between two rearrangements in the public bike system? In this talk, we will first give an alike U-bike/City-bike system. Then we consider the corresponding total rental times until a citizen claims that there are no bikes and gave an asymptotic result.

~歡迎參加~

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