

國立交通大學

機械工程學系

碩士論文

整數階與分數階雙 Van der Pol 系統的渾沌，非
耦合及實用同步及反同步

**Chaos, Uncoupled and Pragmatical
Synchronization and Anti-synchronization of
Integral Order and Fractional Order Double
Van der Pol System**

The logo of National Tsing Hua University is a circular emblem. It features a central shield with a book and a torch, surrounded by the university's name in Chinese and English. The year '1896' is inscribed at the bottom of the shield. The entire emblem is encircled by a gear-like border.

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