URN etd-0407109-183712-926
Author Hsiao-Ching Chang
Author's Email Address No Public.
Statistics This thesis had been viewed 43 times. Download 200 times.
Department
Year 2004
Semester 1
Degree Master
Type of Document Master's Thesis
Language zh-TW.Big5 Chinese
Title Endogenous Technological Progress and Wage Gap
Date of Defense 0000-00-00
Page Count 51
Keyword
Endogenous Technological Progress
Wage Gap
entry barrier
standing on shoulders effect
stepping on toes effect

Abstract
We review several key economic growth papers, explore the connection of their intellectual heritage, and elaborate the contributions and limitations of each paper. We also extend Jones' (1995) model and assumed an aggregate R&D workers supply function that underscores the stock of knowledge as the entry barrier of the R&D sector will make the difference of payoff between R&D workers and labors. The model demonstrates the widening wage gap is driven by technological progress that is the fruit of R&D workers. We also explore how several variables affect the wage gap. Finally, the model specifies the ranges of the key parameters in Jones' knowledge accumulation function and shows the number of R&D workers must be less than that of laborer in the steady-state.
Advisory Committee Gi-Shian Su - advisor

Files etd-0407109-183712-926-009.pdf
etd-0407109-183712-926-002.pdf
etd-0407109-183712-926-006.pdf
etd-0407109-183712-926-005.pdf
etd-0407109-183712-926-007.pdf
etd-0407109-183712-926-010.pdf
etd-0407109-183712-926-008.pdf
etd-0407109-183712-926-003.pdf
etd-0407109-183712-926-004.pdf
etd-0407109-183712-926-001.pdf

indicate access worldwide
Date of Submission 2005-08-22