

# 存量與知識之垂直與水平流通：集團企業之實證

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## 摘要

現今與過去的產業不同的地方在於不再以勞力密集的生產為主，「知識」為企業很重要的資產，為使企業的資源更能增加與利用，有不少的企業轉變型態成為集團。集團裡有母公司與子公司群，本研究主要探討的是母公司與子公司的知識垂直流通與集團的知識存量、水平流通的交互關係究竟為何。本研究主要以次級資料的收集為主，藉由從CNNMONEY.COM的前500大集團中挑選出上市上櫃的集團企業進行資料收集，專利方面從美國專利資料庫中取得。專利的引用則從每間集團母公司與子公司的專利引用進行交叉比對，採用2005到2009年的專利引用情況做為衡量指標。根據研究結果發現，集團母公司的知識存量對集團的垂直流通確實有所影響，而子公司的知識水平流通也對垂流入有所影響，這項研究結果顯示，集團企業的知識垂直、水平流通對於集團本身知識存量與知識流通的配合的確會影響到集團本身專利的產出。

關鍵詞：知識存量、知識垂直流通、知識水平流通

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