

題目	連鎖服飾業的配送包裝與分配最佳化
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摘要	在快時尚的浪潮下，台灣服裝產業正面臨著包裝和配送的重大挑戰。本研究致力於解決連鎖服裝業的配送包裝和分配問題，目的是提升作業流程的效率並降低相關成本。在傳統的配送流程中，製成的服裝從海外運輸到台灣，再通過內部或外包的物流系統進行配送。然而，供應與需求之間的不匹配往往迫使企業承擔額外的補貨和調貨成本。本研究通過引入一種優化模型來應對這一挑戰，旨在減少不必要的時間和成本支出，從而提高整體作業流程的效率並增加利潤。透過科技和優化模型的創新應用，本研究期望為連鎖服裝業提供一種更有效的配送和包裝解決方案，以適應市場需求的快速變化。
關鍵字	連鎖服飾業、包裝與配送問題、最佳化
Title	An Optimization Approach for the Assort-packing and Distribution Problem of Franchise Clothing Industry
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Abstract	Amidst the fast fashion trend, Taiwan's apparel industry confronts significant challenges in packaging and distribution. This study focuses on addressing these issues within the chain clothing sector, aiming to enhance operational efficiency and minimize associated costs. Traditionally, completed garments are shipped from abroad to Taiwan, followed by distribution via internal or external logistics. However, discrepancies between supply and demand often lead to extra costs for restocking and redistribution. To tackle this, the study introduces an optimization model designed to cut down on superfluous time and expenses, thereby boosting overall operational efficiency and profitability. Leveraging technological advancements and optimization models, this research aspires to offer a more efficient solution for distribution and packaging in the chain clothing industry, catering to the swiftly evolving market needs.
Keyword	Franchise clothing industry, Assort-packing and distribution problem, Optimization