

即時裁切之自動化系統

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摘要

本研究將介紹高速大量裁切問題(CSP)的實用性。當一個專業裁切公司持續不停的接收到由不同方式來自各地客戶訂單，為了維持競爭力，企業必須維持高水平的生產力。換句話說，操作員必須在打包出貨之前讓生產機器持續運轉。因此，連續大量裁切問題的整備常被提出來以最小化裁切與變化裁切類型的時間，以滿足線上訂單的需求。本研究提出一個新方法，直接利用裁切類型來解決線上裁切問題。這個提出的方法，在持續的線上生產最大的好處，是可依據浮動訂單來調整裁切規劃。在本研究中，我們舉出一些例子，結果顯示在大量裁切的CSP中可得到滿意的效率與可靠度。

關鍵詞：大量裁切、最佳化、啟發式

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