

製造力學與結構分析研究室

(Manufacturing Mechanics and Structure Design Lab.)

指導老師



林盛勇 (Shen-yung Lin) 教授

現職：機械與電腦輔助工程系教授

學歷：國立台灣科技大學

專長：精密切削、金屬成形、數值方法、噪音與振動

研究室成員

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碩一 王亦朝	碩一 徐明賢	碩一 李鈺華	碩一 廖紘毅	畢業生-張哲綱
畢業生 黃建武	畢業生-鄭元祐	畢業生-張鎔崴	畢業生-王政隆	畢業生-廖文成

國科會計畫(近幾年來)

1. 林盛勇，2006年5月，“PCBN 刀具於精密模具高速切削加工之研究”，國科會專題研究計畫，NSC95-2622-E-150-010-CC3
2. 林盛勇，2006年8月，“提升離心泵葉片五軸量測及加工精度系統整合與誤差補償技術—子計畫三：五軸加工切削動態與穩定性分析(3/3)”，國科會專題研究計畫，NSC95-2212-E-150-003
3. 林盛勇，2007年5月，“軸承預壓影響主軸剛性特性之研究”，國科會專題研究計畫，NSC 96-2622-E-150-024-CC3
4. 林盛勇，2007年8月，“提昇鈦合金切削加工性能與刀具使用壽命之研究”，國科會專題研究計畫，NSC 96-2221-E-150-051-
5. 林盛勇，2008年8月，“提昇鎳基超合金 Inconel 718 切削加工性能與刀具使用壽命之研究”，國科會專題研究計畫，NSC97-2221-E-150-061-
6. 林盛勇，2009年8月，“運用綠色製造技術以提昇硬化模具鋼之切削性能與刀具壽命”，國科會專題研究計畫，98-2221-E-150-018-
7. 林盛勇，2009年7月，“鐘錶元件精密車削關鍵技術之開發”，國科會專題研究計畫，98-2622-E-150-013-CC3

產學合作計畫(近幾年來)

1. 林盛勇，2006年12月，“避震器試驗機結構設計與傳動之設計開發及測試”，翰濱企業公司委託建教合作案，95IC06
2. 林盛勇，2007年4月，“多層次升降箱式拖車車體結構分析與改良”，山立通運公司委託建教合作案，96AF05
3. 林盛勇，2008年7月，“6T 雙金屬鋸片齒型最佳化設計研究(二)”，久允工業股份有限公司委託建教合作案，97AD05
4. 林盛勇，2008年9月，“軋延機之振動與溫升系統影響非接觸式板片測厚精度評估”，協益鋼鐵科技股份有限公司委託建教合作案，97AD10

5. 林盛勇，2008 年 10 月，“旋轉式進給平面磨床之結構設計分析”，銅翌機械有限公司委託建教合作案，97AD09
6. 林盛勇，2009 年 1 月，“多軸精密刀具磨床結構剛性性能評估系統之建立”，鼎維工業股份有限公司委託建教合作案，98AD02
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8. 林盛勇，2009 年 3 月，“轉塔式 CNC 沖床結構剛性與沖剪噪音之檢測分析”，台勵福股份有限公司委託建教合作案，98AD03
9. 林盛勇，2009 年 3 月，“主軸系統性能評估方法與程序之建立”，經濟部工業局及時輔導計畫，合作廠商：發得科技工業股份有限公司，98AD08-A4, 98AD08-B4
10. 林盛勇，2009 年 3 月，“應用有限元素法進行大客車車體結構最佳化設計”，98 年度學界協助中小企業科技關懷計畫，合作廠商：華洲汽車工業有限公司，98AD
11. 林盛勇，2009 年 6 月，“刀桿精度與加工能力測試”，磯鑫工業股份有限公司委託建教合作案，98AD07

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A. 期刊論文

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B. 研討會論文

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