

論文發表

(A) 期刊論文 (近五年)

1. Yang, S. Y. *, "Adaptive Strategy of Transonic Flows over Vibrating Blades with Interblade Phase Angles," *International Journal for Numerical Methods in Fluids*, Vol. 42, No. 8, pp. 885-908, July 2003. (SCI, EI).
2. Yang, S. Y. *, "Refining Strategy of the Supersonic Turbulent Flow over a Backward-Facing Step," *Journal of Mechanics*, Vol. 19, No. 4, pp. 397-407, Dec. 2003. (SCI, EI), (NSC90-2212-E-150-035).
3. Yang, S. Y. *, "Adaptive Strategy of the Supersonic Turbulent Flow over a Backward-Facing Step," *International Journal for Numerical Methods in Fluids*, Vol. 44, No. 11, pp. 1163-1184, Apr. 2004. (SCI, EI), (NSC91-2212-E-150-036).
4. Yang, S. Y. *, "Remeshing Strategy of the Supersonic Turbulent Flow over a Backward-Facing Step," *Numerical Heat Transfer, Part B: Fundamentals*, Vol. 46, No. 1, pp. 79-99, July 2004. (SCI, EI), (NSC91-2212-E-150-036).
5. Yang, S. Y. *, "A Locally Implicit Scheme for Turbulent Flows on Dynamic Meshes," *Numerical Heat Transfer, Part B: Fundamentals*, Vol. 46, No. 6, pp. 581-601, Dec. 2004. (SCI, EI), (NSC92-2212-E-150-025).
6. Yang, S. Y. *, and Chen, K. H., "Numerical Study of Turbulent Flows over Vibrating Blades with Positive Interblade Phase Angle," *Journal of Mechanics*, Vol. 23, No. 2, pp. 149-157, June. 2007. (SCI, EI), (NSC94-2212-E-150-040).

(B) 研討會論文 (近五年)

1. Yang, S. Y. *, "Adaptive Strategy of the Transonic Flow over Vibrating Blades with Negative Interblade Phase Angle," The 14th International Symposium on Transport Phenomena, AWE1-01, pp. 1-6, July 6-10, 2003, Bali, Indonesia.
2. Yang, S. Y. *, "Remeshing Strategy of the Supersonic Turbulent Flow over a Backward-Facing Step," The 14th International Symposium on Transport Phenomena, SNM2-03, pp.1-6, July 6-10, 2003, Bali, Indonesia. (NSC91-2212-E-150-026).

3. Liu, C. S. *, Liu, S. F., Tsay, Y. L., Chen, L. R., and Yang, S. Y., "The Status and Future Development of the International Cooperation in Aviation Technology Education in Taiwan," The International Conference on Engineering Education ICEE-2003, Paper No. 3927, July, 2003, Valencia, Spain.
4. Yang, S. Y. *, "Numerical Analysis of the Supersonic Turbulent Flow over a Backward-Facing Step Using Adaptive Meshes," 2003 AASRC/CCAS Joint Conference, A3, 15:00, Dec. 19, 2003, Tainan, Taiwan. (NSC91-2212-E-150-026).
5. Yang, S. Y. *, "Numerical Analysis of Turbulent Flows over Vibrating Blades with Negative Interblade Phase Angle," 2003 AASRC/CCAS Joint Conference, A3, 14:45, Dec. 19, 2003, Tainan, Taiwan. (NSC92-2212-E-150-025).
6. Yang, S. Y. *, "Adaptive Strategy of the Supersonic Turbulent Flow over a Backward-Facing Step," The 10th International Symposium on Rotating Machinery, ISROMAC10-2004-082, Mar. 7-11, 2004, Honolulu, Hawaii. (NSC91-2212-E-150-026).
7. Yang, S. Y. *, "Numerical Analysis of Turbulent Flows over Vibrating Blades with Positive Interblade Phase Angle," The 10th International Symposium on Rotating Machinery, ISROMAC10-2004-069, Mar. 7-11, 2004, Honolulu, Hawaii. (NSC92-2212-E-150-025).
8. Liu, C. S. *, Lo, C. Y., Tsay, Y. L., Yang, S. Y., and Chen, L. R., "The Review and Future Development of the International Cooperation in Aviation Technology Education in Taiwan," The International Conference on Engineering Education ICEE-2004, Paper No. 144, July, 2004, Ostrava, Czech.
9. Yang, S. Y. *, Liu, C. S., and Chen, K. H., "Numerical Simulation of Turbulent Flows over an Oscillating Cascade of four Heated Blades," 2004 AASRC/CCAS Joint Conference, Paper No. 2-8, Dec. 12, 2004, Taichung, Taiwan. (NSC92-2212-E-150-025).
10. Yang, S. Y.*, Yeh, C. L., and Liu, C. S., "Numerical Study of Turbulent Flows over Vibrating Heated Blades with Positive Interblade Phase Angle," The 16th International Symposium on Transport Phenomena, TFI-P3, pp. 1-8, Aug. 28-Sep. 1, 2005, Prague, Czech Republic.
11. Yang, S. Y. *, Liu, C. S., "Numerical Analysis of Turbulent Flows over Vibrating Heated Compressor Blades," 2005 AASRC/CCAS

Joint Conference, Paper No. H21, Dec. 10, 2005, Kaohsiung, Taiwan. (NSC94-2212-E-150-040).

12. 鄭仁杰，蔡永利，楊世英，“飛彈發射箱發射狀態下之衝擊負荷評估，”國防部軍備局中山科學研究院釋商案學術研討會，Nov. 28, 2005。
13. Yang, S. Y.*, and Chen, K. H., “Numerical Study of Turbulent Flows over Vibrating Heated Blades on Dynamic Meshes,” The 17th International Symposium on Transport Phenomena, 1-A-IV-3, pp. 1-6, Sep. 4-8, 2006, Toyama, Japan.
14. Yang, S. Y.*, and Chen, K. H., “Dynamic Adaptive Investigation of Turbulent Flows over Vibrating Blades in Turbomachines,” The 23th National CSME Conference, A4-001, Nov. 24-25, 2006, Tainan, Taiwan.
15. Yang, S. Y.*, and Chen, K. H., “Adaptive Study of Turbulent Flows over Vibrating Blades with Positive Interblade Phase Angle,” The 18th International Symposium on Transport Phenomena, ISTP18-175, pp. 1-8, Aug. 27-30, 2007, Daejeon, Korea.
16. Yang, S. Y.*, and Tseng, C. C., “A Locally Implicit Scheme on Unstructured Tetrahedral Mesh,” The 7th JSME-KSME Thermal and Fluids Engineering Conference, Paper No. K212, Oct. 13-16, 2008, Sapporo, Japan.

(C)技術報告及其它（近五年）

1. 楊世英，“研發一個適用於具移動邊界熱傳增益問題之動態非結構化自調法(1/2),”國科會計畫報告, NSC92-2212-E-150-025。
2. 楊世英，“飛機維修基礎教育之精進發展(III)子計畫三：飛機發動機與機身系統基礎教育，”教育部高教司提昇大學基礎教育專案計畫報告，執行期間: 92/09/01~93/8/31。
3. 楊世英，“飛機維修基礎教育之精進發展(IV)子計畫三：飛機發動機與機身系統基礎教育，”教育部高教司提昇大學基礎教育專案計畫報告，執行期間: 93/09/01~94/8/31。
4. 鄭仁杰，蔡永利，楊世英，“飛彈發射箱發射狀態下之衝擊負荷評估，”國防部軍備局中山科學研究院委託學術合作研究計畫報告，94AG07，執行期間: 94/04/01~94/12/10。
5. 楊世英，“以動態自調法探討渦輪機任意葉片相位角之振動葉片紊流場，”國科會計畫報告，NSC94-2212-E-150-040。

6. 楊世英，“微機械製程與應用之教學與研究整合計畫(II)-子計畫六: 微型航空控制系統與導航實驗室之建構”教育部 95 年度重點特色專案計畫報告，執行期間: 95/01/01~95/12/31。
7. 楊世英，“系統與感測科技教學資源中心特色實驗室-新一代導航與無人飛機特色實驗室”教育部顧問室 95 年度精密機電整合人才培育專案計畫報告，執行期間: 95/01/01~95/12/31。
8. 楊世英，“微機械製程與應用之教學與研究整合計畫(III)-子計畫六: 微型航空控制系統與導航實驗室之建構”教育部 96 年度重點特色專案計畫報告，執行期間: 96/01/01~96/12/31。
9. 楊世英，“發展三維動態解法探討具葉片尖端間隙與相位角之振動葉片紊流場(1/2),”國科會計畫報告, NSC96-2221-E-150-039。