Publication List

Tony Wen-Hann Sheu (許文翰)

March 30, 2009

(A) Referred Paper


<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Journal</th>
<th>Volume</th>
<th>Pages</th>
<th>Type</th>
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<tbody>
<tr>
<td>1999</td>
<td>Tony W. H. Sheu, C. C. Fang, S. F. Tsai</td>
<td>Application of an element-by-element BiCGSTAB iterative solver to a monotonic finite element model</td>
<td>Computers and Mathematics with Applications</td>
<td>37(3)</td>
<td>57-70</td>
<td>SCI</td>
</tr>
</tbody>
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[119] 黃金龍, 許文翰 (2007), 經絡傳輸的動力觀, 中國針灸, 第27卷, 第8期, pp. 589-593


[130] V. C. Huang, Tony W. H. Sheu (2009), Heat transfer involved in acupuncture with burning moxibustion on the top of the handel of the acupuncture needle, Acupuncture and Electro-Therapeutics Research (accepted) (SCI)


[133] Tony W. H. Sheu, On a scientific tool for aiding decision making for the live donor hepatectomy involving an intrahepatic portal vein aneurysm, Radiology (in submission)


(B) Invited papers and lecture


15. Tony W. H. Sheu (2002), Three dimensional interacting structure of a square jet in cross-flow, 北京大學流研究國家重點研究室 (State key laboratory for turbulence research, Peking University), September 19


17. Tony W. H. Sheu (2002), Theoretical development of high-resolution hyperbolic finite element model, 北京應用物理與計算數學研究所, October 11

18. Tony W. H. Sheu (2002), A theoretical development of high-resolution hyperbolic finite element models, 天津大學力學系 (Dept. of Mechanics, Tianjin University), October 14

19. Tony W. H. Sheu (2002), A theoretically rigorous finite element Euler solver, 北京航空航天大學國家計算流體力學實驗室 (National laboratory for Computational fluid dynamics, Beijing University of Aeronautics and Astronautics), October 15

20. Tony W. H. Sheu (2002), On a high-order hyperbolic conservation law on quadratic finite elements, 上海大學應用數學與力學研究所 (Shanghai Institute of Applied Mathematics and Mechanics), October 24

21. Tony W. H. Sheu (2002), CFD application on industrial flows, 上海理工大學機械工程系 (Dept. of Mechanical Engineering, University of Shanghai for Science and Technology), October 29

22. Tony W. H. Sheu (2002), Three-dimensional flow structure in a suddenly expanded channel, 上海大學應用數學與力學研究所 (Shanghai Institute of Applied Mathematics and Mechanics), November 6

23. Tony W. H. Sheu (2002), Three-dimensional square jet in crossflow-flow structure and bifurcation, 上海大學應用數學與力學研究所 (Shanghai Institute of Applied Mathematics and Mechanics), November 7

24. Tony W. H. Sheu (2002), A scientific computing route towards the planning of cardiovascular surgeries, 復旦大學力學與工程科學系 (Dept. of Mechanics and Engineering Science, Fudan University), November 12


26. Tony W. H. Sheu (2002), Theoretically rigorous hyperbolic equation solver and its application, 中國科學技術大學力學和機械工程系 (Dept. of Mechanics and Mechanical Engineering, University of Science and Technology of China), November 20

27. Tony W. H. Sheu (2002), Bifurcation flow physics for a square jet in crossflow, 中國科學技術大學力學和機械工程系 (Dept. of Mechanics and Mechanical Engineering, University of Science and Technology of China), November 28

28. Tony W. H. Sheu (2002), A surgical planning tool for three cardiovascular operations, 中國科學技術大學力學和機械工程系 (Dept. of Mechanics and Mechanical Engineering, University of Science and Technology of China), December 5

29. Tony W. H. Sheu (2002), 泛談現代計算力學與應用, 中國科學技術大學力學和機械工程系 (Dept. of Mechanics and Mechanical Engineering, University of Science and Technology of China), December 10

[31] Tony W. H. Sheu (2003), Research training network on mathematical modelling for hemodynamics (EU project HaeMol) (member under INRIA-LJLL team) (http://mox.polimi.it/it/progetti/haemol/)


[33] Tony W. H. Sheu (2004), Surgical planning for two major liver tumor surgeries, Proceedings of the 11th National Conference on Computational Fluid Dynamics, Taidon, Taiwan, Republic of China, August 5-7

[34] Tony W. H. Sheu (2004), MRI/CFD study of blood/emulsion drug flow in TACE surgery for hepatocellular carcinoma, I-Shou University, Taiwan, Republic of China, May 7


[36] Tony W. H. Sheu (2004), Finite element assisted tool for three cardiovascular surgeries, International Workshops on Advances in Computational Mechanics (IWACOM), Hosei University, Tokyo, Japan, November 3-6


[42] 許文翰 (2006), 以科學研究方法探討經絡絡氣血的交換作用, 中國醫藥大學附設醫學院, 台中, 台灣, 中華民國, July 6


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gle computation, The 12th National Conference on Theoretical and Applied Mechanics, Taipei, Taiwan, Republic of China, pp. 881-886


[16] 許文翰 (1992), 流經 Wigley Hull 船體的流力分析, 第五屆造船及輪機工程研究會, pp. 69-76


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[64] 許文翰, 黃金龍 (2003), 經絡傳輸動力系統的現代文觀初論, in Proceedings of the 10th National Conference on Computational Fluid Dynamics, Hualien, Taiwan, Republic of China, August 14-16


[70] V. C. Huang, Tony W. H. Sheu (2003), On a dynamic view of microcirculation in human meridian system, 13th International Conference on Mechanics in Medicine and Biology, pp.139-140, Tainan, Taiwan, Republic of China, November 12-15

[71] Tony W. H. Sheu (2003), A computational study on the hepatic hemodynamics in TACE surgery, ERCIM WG IM2IM, Luxembourg, December 1-2


[76] H. P. Rani, Tony W. H. Sheu, P. C. Liang (2004), Computational exploration of liver acinus microstructure, 21st Int. Congress of Theoretical and Applied Mechanics (ICTAM04), Warsaw, Poland, August 15-21
[77] Tony W. H. Sheu, S. F. Tsai, I. S. Chiu (2004), Finite element assisted tool for three cardiovascular surgeries, Recent Advances in finite Element Method in Flow Problems, pp. 19, IWACOM, Hosei University, Tama, Japan, November 3-6


[80] 林瑞國, 許文翰, 蔡順峰 (2005), 含航罩與航行水下潛體之水動力分析, 第12屆全國計算流體力學學術研討會, pp. 0301, 高雄, 台灣, 中華民國, August 19-21

[81] 譚子佳, 許文翰 (2005), 方穴內自然對流之非線性動力現象探討, 第12屆全國計算流體力學學術研討會, pp. 0306, 高雄, 台灣, 中華民國, August 19-21

[82] 林瑞國, 蔡順峰, 黃裕翔, 廖信樟, 許文翰 (2005), 台北101金融大樓風場科學計算之初探, 第1屆全國風工程研討會, 基隆, 台灣, 中華民國, October 21

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[89] 許文翰, 林瑞國, 蔡順峰 (2006), 潛艦含航罩之流場計算解析, 第8屆水下技術研討會及國科會成果發表會, pp. 43-50, 台北, 台灣, 中華民國


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[96] 許文翰, 黃金龍 (2006), 經絡電磁傳輸現象研究 第三屆國際中醫藥工程學術會議, 中國, 上海, pp. 53-62, December 6-8

[97] 許文翰, 林瑞國 (2007), 發展高度平行及有效求解具有複雜外形及物理之三維Navier-Stokes方程算則, 第19屆中國造船暨輪機工程研討會及國科會成果發表會, 國立高雄海洋科技大學, 高雄, 台灣, 中華民國, March 24


[101] 林瑞國, 蔡順峰, 邱柏雄, 許文翰 (2007), 室內空調對集電腦散熱之模擬研究, 第14屆全國計算流體力學學術研討會, 南投, 台灣, 中華民國, August 16-18


[105] 林瑞國, 邱柏雄, 許文翰 (2008), 近臨界Re值之三維方腔拉穴流場模擬探討, 第15屆全國計算流體力學學術研討會, pp. 67 (A-0509), 高雄, 台灣, 中華民國, August 7-9 (大會最佳 poster 第2名)

[106] 林瑞國, 蔡順峰, 沈勤文, 許文翰 (2008), 旋轉圓盤騷動穴流之流場結構數值研究, 第15屆全國計算流體力學學術研討會, pp. 68 (A-0510), 高雄, 台灣, 中華民國, August 7-9

[107] 林瑞國, 蔡順峰, 劉威呈, 許文翰 (2008), 旋轉方形體之雙態側邊加熱自然對流研究, 第15屆全國計算流體力學學術研討會, (A-0913), 高雄, 台灣, 中華民國, August 7-9
(D) Symposium Organizer


(E) Other Activities

[1] 指導建國中學學生彭陸，萧屹宏，參加台灣2007年國際科學展覽會，“流體碰撞物體所產生的波形之研究與應用”，獲得物理組佳作獎

[2] Establish international network: Canada-France-Taiwan research term operated under INRIA-REO