

17. 劉庭佑,以到時比序法及微型地震網改進臺灣低價位地震預警系統 國立臺灣大學地質科學研究所學位論文,2014,07
18. 張國鎮、宋裕祺等,橋樑基礎沖刷安全監測系統研發, Journal of Engineering, National Chung Hsing University, Vol. 25, No. 3, pp. 85-94
19. 施建良,小型鋼構架之結構健康檢測,國立臺北科技大學土木與防災研究所,2009.07
20. 顏士閔,依識別模態參數之建築結構層間損壞指標,國立中興大學土木工程學系,2005
21. 三聯技術期刊90期, 2013,12
22. 三聯技術期刊91期, 2014,03
23. 三聯技術期刊92期, 2014,06
24. 三聯科技股份有限公司,公司網站,2015 <http://www.sanlien.com/web/homepage.nsf/main3?OpenForm&View=EQ1>
25. Chi-Chang Lin 1,2,3, Chieh-Erh Wang2, Huang-Wen Wu2 and Jer-Fu Wang2, Online building damage assessment based on earthquake records, Received 2 April 2004, in final form 3 March 2005, Published 26 May 2005
26. Jer-Fu Wang1,Chi-Chang Lin,Shih-Min Yen,A story damage index of seismically-excited buildings based on modal frequency and mode shape, Received 18 July 2006; received in revised form 23 October 2006; accepted 23 October 2006 Available online 20 December 2006
27. Jer-Fu Wang1,Chi-Chang Lin, M.EERI, Ging-Long Lin, and Chun-Hao Yang, Story Damage Identification of Irregular Buildings Based on Earthquake Records, Earthquake Spectra, Volume 29, No. 3, pages 963–985, August 2013; © 2013, Earthquake Engineering Research Institute
28. MOTC-CWB-98-E-13 建立建築物震損圖之研究, 姚昭智,林其璋,洪李陵,朱世禹
29. MOTC-CWB-92-E-10-4依強震記錄探討建築物動態特性及損害評估(I),林其璋,施詠陽
30. MOTC-CWB-97-E-10 地震初達波強震即時警報系統之研發, 吳逸民
31. MOTC-CWB-98-E-10 地震初達波強震即時警報系統之研發(II), 吳逸民



產業專業術語英文教室

Structure Health Monitoring
結構物健康監測

量測結構受外力作用所產生之加速度或變位等，評估其健康狀態、損壞程度及損壞位置，進而規劃設計結構補強或減振。

FFT (fast Fourier transform) Spectrum
快速傅立葉頻譜

用於轉換信號格式並求得相對應的頻譜。

Damping
阻尼

系統震盪使用裝置或電路產生反向震盪使原系統不振盪。