

รายการอ้างอิง

- Anil K. Chopra Dynamics of Structures. New Jersey : Prentice-Hall, 1995.
- Anon Chamchuenwong, Weigh-In-Motion Analysis and Fatigue Assessment of a Steel Overpass Bridge Under Normal Traffic Condition in Bangkok. Master's Thesis, Department of Civil Engineering Graduate School Asian Institute of Technology, 1998.
- Bellman R. Introduction to the Mathematical Theory of Control Processes. New York : Academic Press, 1967.
- Boonchu Sedchaicharn, Dynamic Interaction Between 10-Wheel Truck and Steel Multi-Girder Overpass Bridge Master's Thesis, Department of Civil Engineering Graduate School Asian Institute of Technology, 1998.
- Chan T.H.T., Law S.S., Yung T.H. and Yuan X.R. An Interpretive Method for Moving Force Identification. *Journal of Sound and Vibration*. 1999 : pp. 503-524.
- Chan T.H.T., Law S.S. และ Yung T.H. Moving Force Identification Using an Existing Prestressed Concrete Bridge. *Engineering Structures*. 2000 : pp. 1261-1270.
- Daniel J.I. Engineering Vibration. New Jersey : Prentice-Hall, 1996.
- Duane Hanselman, Bruce Littlefield Mastering MATLAB : a comprehensive tutorial and reference. New Jersey : Prentice-Hall, 1996.
- Gary C. Hart, Kevin Structural Dynamics for Structural Engineers. New York : John Wiley & Sons, 1999.
- Jacobs, O. L. R. An introduction to dynamic programming : the theory of multistage decision processes. London : Chapman and Hall, 1970.
- Karn J.A., Bjorn W. Computer-Controlled Systems Theory and Design. New Jersey : Prentice-Hall, 1997.
- Koniditsiotis C. Australian Weigh-In-Motion Technology. Road & Transport Research, 1995 : pp. 114-120.
- Kumut Boonwan Fatigue Life Evaluation of Steel Overpass Bridges. Master's Thesis, Department of Civil Engineering Graduate School Chulalongkorn University, 1998.
- Laman, J.A., and Nowak, A.S. Fatigue-Load Models for Girder Bridges. *Journal of Structural Engineering*. 1996 : pp. 726-733.
- Law S.S., Chan T.H.T., and Zeng Q.H. Moving Force Identification a Frequency and Time Domains Analysis. *Journal of Dynamics Systems, Measurement, and Control*. Sep. 1999, pp. 394-401.
- Law S.S., Chan T.H.T., and Zeng Q.H. Regularization in Moving Force Identification. *Journal of Engineering Mechanics*. 2001, pp. 136-148
- Law S.S., and Fang Y.L. Moving Force Identification : Optimal State Estimation Approach. *Journal of Sound and Vibration*. 2001, pp. 233-254

- Leonard M. Principles and Techniques of Vibrations. New Jersey : Prentice-Hall, 1997
- Moses, F. Weigh-In-Motion System Using Instrumented Bridges. *Transportation Engineering Journal*. ASCE, 1979, pp. 233-249
- Pierre, Donald A. Optimization theory with applications. New York : John Wiley & Sons, 1969
- Polakit Phanapavudhikul, Weight Identification for Moving Trucks on Bridges. Master's Thesis, Department of Civil Engineering Graduate School Chulalongkorn University, 2003.
- Satish C. Sharma, George Stamatinos and John Wyatt Evaluation of IRD-WIM-5000 a Canadian Weigh-In-Motion System. *Canadian Journal of Civil Engineering*. 1990, pp. 514-520
- Standard Specification for Highway Weigh-in-Motion (WIM) Systems with User Requirements and Test Method. American Society for Testing and Materials. ASTM E1318-94, 1994, pp. 734-745
- Trujillo D. M. Application of Dynamic Programming to the General Inverse Problem. *International Journal of Numerical Methods in Engineering*. 1978, pp. 613-624
- Wu, J.C., Yang, J.N. and Schmitendouf, W. (1998a) Reduced-order H-Infinity and LQR Control for Wind-Excited Tall Buildings. *Journal of Engineering Structures*. pp.222-236.
- Zhu X.Q., Law S.S. Moving Forces Identification on a Multi-Span Continuous Bridge. *Journal of Sound and Vibration*. 1999, pp. 377-396
- Zhu X.Q. และ Law S.S. Identification of Vehicle Axle Loads From Bridge Dynamic Responses. *Journal of Sound and Vibration*. 2000, pp. 705-724

ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

ประวัติผู้เขียนวิทยานิพนธ์

นาย ธรรม อัครวิทยาภูมิ เกิดวันที่ 22 มีนาคม พ.ศ. 2523 ที่จังหวัดกรุงเทพมหานคร สำเร็จการศึกษา ปริญญาตรีวิศวกรรมศาสตร์บัณฑิต สาขาวิศวกรรมโยธา ภาควิชาวิศวกรรมโยธา คณะวิศวกรรมศาสตร์ จุฬาลงกรณ์มหาวิทยาลัย ในปีการศึกษา 2543 และเข้าศึกษาต่อในหลักสูตรวิศวกรรมศาสตร์มหานบัณฑิต ที่ จุฬาลงกรณ์มหาวิทยาลัย เมื่อ พ.ศ. 2544

