

## บรรณานุกรม

- [1] ประกาศกรมการขนส่งทางบก เรื่อง แบบและการจัดวางที่นั่งผู้โดยสารของรถที่ใช้ในการขนส่งผู้โดยสาร กรมการขนส่งทางบก, เมษายน พ.ศ. 2537.
- [2] คู่มือตรวจสอบน้ำหนักกรวมสูงสุดและน้ำหนักลงเพลาของรถโดยสาร, กรมการขนส่งทางบก, มีนาคม พ.ศ. 2535.
- [3] สถิติจำนวนรถใหม่ที่จะจดทะเบียนตามกฎหมายว่าด้วยรถยนต์และล้อเลื่อน กฎหมายว่าด้วยการขนส่งทางบก, ฝ่ายสถิติการขนส่ง กองวิชาการและวางแผน: พ.ศ. 2534-2538.
- [4] Magee, C.L. and Thornton, P.H. (1978) "Design considerations in energy absorption by structural collapse" Transaction SAE, 87(2), pp. 2401-2055.
- [5] Kindervarter, C.M. and Georgi, H. (1993) "Composite strength and energy absorption as an aspect of structural crash resistance" Structural Crashworthiness and Failure, pp. 189-235 (Edited by Jones, N. and Wierzbicki, T.) Elsevier Applied Science.
- [6] Psimolophitis, S.E. (1997) "An investigation of axisymmetric shells under axial loading" Ph.D. Thesis, UMIST, Manchester, UK
- [7] Thinvongpituk, C. (2002), "The behavior of non-constant thickness conical shells under axial loading" Ph.D. Thesis, UMIST, Manchester, UK
- [8] Macaulay, M.A. (1987) "Introduction to impact engineering" Chapman & Hall, London
- [9] Snyder, R.G. (1970) "Human impact tolerance" SAE Paper 700398, International Automotive Safety Conference Compendium, SAE, pp. 712-782
- [10] Jones, N. (1997) "Structural impact" Cambridge University Press, UK
- [11] Huh, H. et al (2003) "Crashworthiness of front side members in an auto-body considering the fabrication effect" 12<sup>th</sup> International Pacific Conference on Automotive Engineering, Bangkok, Thailand
- [12] Alexander, J.M. (1960) "An approximate analysis of the collapse of thin cylindrical shells under axial loads" Quart. J. Mech. and App. Mech., 13, pp. 10-15

- [13] Mamas, A.G. et al (1984) "The crumpling of steel thin-walled tubes and frusta under axial compression at elevated strain-rates: some experimental results" *Int. J. Mech. Sci.*, 26(11-12), pp. 537-547
- [14] Johnson, W. et al (1977) "In extensional collapse of thin-walled tubes under axial compression" *J. Strain Analysis*, 12(4), pp. 317-334
- [15] Kang, W.J. and Huh, H. (2000) "Crash analysis of auto-body structures considering the strain-rate hardening effect" *Int. J. Automotive Technology*, 1(1), pp. 35-41
- [16] White, M.D. et al (1999) "A theoretical analysis for the quasi-static axial crushing of top-hat and double-hat thin-walled sections" *Int. J. Mech. Sci.*, 41, pp. 209-233
- [17] Reid, J.D. (1996) "Crashworthiness of automotive steel midrails: thickness and material sensitivity" *Thin-Walled Structures*, 26(2), pp. 83-103
- [18] Harrigan, J.J., Reid, S.R., Peng, C. (1999) "Inertia effects in impact energy absorbing material and structures" *Int. J. Impact. Eng.*, 22, pp. 955-979
- [19] Reid, J.D. (1996) "Towards the understanding of material property influence on automotive crash structures" *Thin-Walled Structures*, 24, pp. 285-313
- [20] Chryssanthopoulos, M.K. and Spagnols, A. (1997) "The influence of radial edge constraint on the stability of stiffened conical shells in compression" *Thin-Walled Structures*, 27(2), pp. 147-163
- [21] El-Sobky, H. et al (2000) "Mode of collapse and energy absorption characteristics of constrained frusta under axial loading" *Int. J. Mech. Sci.*, 43, pp. 743-757
- [22] Singace, A.A. and El-Sobky (1998) "Influence of end radial constraints on the collapse axially crushed tubes" *Exper. Mech.*, pp. 333-340
- [23] Pariatmono, N. and Chryssanthopoulos, M.K. (1995) "Asymmetric elastic buckling of axially impressed conical shells with various end conditions" *AIAA Journals*, 33(11), pp. 2218-2227
- [24] Thinvongpituk, C. and El-Sobky, H. (2003) "The effect of end conditions on the buckling load characteristic of conical shells subjected to axial loading" *The ABAQUS Users' Conference Proceedings, Munich, Germany.*

- [25] Thinvongpituk, C. and El-Sobky, H. (2003) "The buckling load characteristic of conical shells under various end conditions" Proceedings of the 17<sup>th</sup> Annual conference of Mechanical Engineering Network Thailand
- [26] Koiter, W.T. et al (1994) "Buckling of and axially compressed cylindrical shell of variable thickness" Int. J. Solid Structures, 31(6), pp. 797-805
- [27] Huh, H. et al (2003) "Crashworthiness assessment of front side members in an auto-body considering the fabrication histories" Int. J. Mechanical Sciences, 45, pp.1645–1660
- [28] Toru Kawano, Yuta Urushiyama (2003) "Research on Aluminum Structures for Crash Energy Absorption" 12<sup>th</sup> International Pacific Conference on Automotive Engineering, Bangkok, Thailand
- [29] Wang Yong, et al (2003) "A Study on Crashworthiness of Mini-car Front Longitude Member by Computer Simulation" 12<sup>th</sup> International Pacific Conference on Automotive Engineering
- [30] Wang Hongyan, Xiao Fan (2003) "Simulation of passenger's responsive motion in vehicle frontal crash" 12<sup>th</sup> International Pacific Conference on Automotive Engineering
- [31] Kum Cheol, Jung Ju Lee (2003) "Energy absorption capability of an aluminum/GFRP hybrid square tube under axial crush and bending collapse" 12<sup>th</sup> International Pacific Conference on Automotive Engineering
- [32] Jones, N. (1997) "Structural impact" Impact injury, pp.423-427, Cambridge University Press, UK
- [33] Kathleen M. Smith and Peter Cummings (2004) "Passenger seating position and the risk of passenger death or injury in traffic crashes" Accident Analysis and Prevention 36, pp. 257–260, USA
- [34] Tae Seong Lim, Dai Gil Lee (2002) "Mechanically fastened composite side-door impact beams for passenger cars designed for shear-out failure modes" Composite Structures 56, pp. 211–221, South Korea
- [35] Dong-Kuk Kim and Dong-Ho Kim "Dynamic crashing and impact energy absorption of extruded aluminum square tubes" Materials and Design 19, pp 179-185, South Korea

[36] Dong-Kuk Kim และ Sunghak Lee (1998) “Impact energy absorption of 6061 aluminum extruded tubes with different cross-sectional shapes” Materials and Design 20 pp, 41-49, South Korea

[37] D.Mohan และคณะ (1997) “Impact modeling studies for a three-wheeled scooter taxi” Elsevier Science Ltd, Accid.Anal. and Prev., Vol. 29, No. 2, pp. 161~170, 1997

[38]A.G. Mamalis,D.Eและคณะ (2002) “Finite element simulation of the axial collapse of metallic thin-walled tubs with octagonal cross-section” Elsevier Science Ltd, Recived 17 June 2002 ; accepted 17 March 2003

[39] นิรุต อ่อนสูง และคณะ (2548) “การศึกษาผลตอบสนองต่อการคดของโครงสร้างด้านข้างรถยนต์โดยสาร” การประชุมวิชาการเครือข่ายวิศวกรรมเครื่องกลแห่งประเทศไทยครั้งที่ 19, 19-21 ตุลาคม 2548: จังหวัดภูเก็ต.

[40] ผศ.ดร.ชวลิต ถิ่นวงศ์พิทักษ์ (2548) “เอกสารประกอบการสอนวิชาการออกแบบเครื่องจักรกล 1”. ภาควิชาวิศวกรรมเครื่องกล คณะวิศวกรรมศาสตร์ มหาวิทยาลัยอุบลราชธานี