

DAFTAR PUSTAKA

- Anwari, B. R. 2015. *Analisis Penyerapan Energi dan Pola Deformasi Crash Box dengan Variasi Sudut Tirus Dinding Crash Box Pada Uji Simulasi Tabrakan Arah Frontal*. Malang : Jurnal Rekayasa Mesin.
- Bansal R. K. 2010. *A Textbook of Strengh of Materials, Rev 4th Edition* . New Delhi : Laxmi Publications (P) LTD.
- Beer, F. P. et al. 2012. *Mechanics of Materials, 6th Edition*. New York : McGraw-Hill.
- Choiron, M.A., Purnowidodo, A., Siswanto, E., & Hidayati, N.A. (2016). *Crash Energy Absorption of Multi-Segments Crash Box Under Frontal Load*. *Jurnal Teknologi (Sciences & Engineering)* 78:5 p. 347–350
- Choiron, M.A., & Sudjito. (2016). *Simulation of Two Segments Crash Box Subjected to Frontal Load*. *ARPN Journal of Engineering and Applied Sciences*, V. 11, No. 2.
- Gabungan Industri Kendaraan Bermotor Indonesia. 2015. *Domestic Auto Market & Exim By Category 2105*. Indonesia.: GAIKINDO.
- Fauza, Ilman. 2015. *Analisis Pola Deformasi dan Energi Penyerapan Pada Initial Fold Crash Box Menggunakan Metode Frontal Crash Test*. Malang : Jurnal Rekayasa Mesin.
- Gere, J.M. 2004. *Mechanics of Materials, 6th Edition*. New York : Thomson Learning, Inc.
- Grandin, Hartley. 1986. *Fundamentals of The Finite Element Method*. New York : Macmillan Publishing Company.
- Gupta N. K. & Venkatesh. 2006. *A study of the influence of diameter and wall thickness of cylindrical tubes on their axial collapse*. *Journal of Thin-Walled Structures* 44 : 290-300.
- Hilfrich, Eric and Seidner Dominique. 2012. *Crash Safety With High Strength Steels*. Shengyang : ThyssenKrupp Steel.
- KORLANTASPOLRI. 2015. *Statistik Laka*. Indonesia : KORLANTASPOLRI.
- Kwon, O. & Thompson M. K. 2009. *The Effect of Surface Smoothing and Mesh Density for Single Asperity Contact*. Cambridge : MITPress. <http://web.mit.edu/mkt/www/Kwon-Thompson-Smoothed-Single-Asperity-Contact.pdf>. (diakses 7 maret 2016)

- Shahi, V. J. & Marzbanrad J. 2012. *Analytical and experimental studies on quasi-static axial crush behavior of thin-walled tailor-made aluminum tubes*. *Journal of Thin-Walled Structures* 60 : 24-37.
- Toksoy, A.K. 2009. *Optimization of The Axial Crushing Behavior of Closed-Cell Aluminum Foam Filled Welded 1050 Al Square-Cross Section Crash Boxes*. Thesis.
- Velmurugan, R. and R. Muralikannan. 2009. *Energy Absorption Characteristics of Annealed Steel Tubes of Various Cross Section in Static and Dynamic Loading*. *Latin American Journal of Solid and Structures*, V. 6, p. 385-412.
- Yan-jie, L. 2010. *Numerical Simulation of Automotive Crash Box Subjected to Low Velocity Frontal Impact*. *Journal of Engineering Materials* 417-418 : 17-20.

