

## DAFTAR PUSTAKA

- ADINA R & D, Inc. (2009). *ADINA Theory and Modeling Guide*. Watertown, Massachusetts, United States: ADINA R & D, Inc.
- Adityawarman, G. M. (2014). *Perilaku Lentur Balok Castellated Mdifikasi*. Tesis. Yogyakarta: Universitas Gadjah Mada.
- ASTM Committee. (1994). *Standard Method of Testing Small Clear Specimen of Timber, Designation : D143-94*. Annual Book of ASTM Standard.
- Banabic, D. (2010). *Sheet Metal Forming Processes*. Berlin: Springer-Verlag Berlin Heidelberg.
- Budi, A. S. (2007). Pengaruh Dimensi Bilah Bambu Terhadap Keruntuhan Lentur Balok Laminasi Bambu Peting. *Media Teknik Sipil*, 85-92.
- Computers and Structures, Inc. (2016, Desember 7). CSI Knowlwdge Base. California, California, USA: Computers and Structures, Inc.
- Cook, Malkus dan Plesha. (1989). *Solid Element*. New York: Wiley.
- Dassault Systèmes Simulia. (2013). *Abaqus Documentation 6.13*. Providence, Rhode Island-USA: Dassault Systèmes.
- Dongsheng, H. (2013). Experimental and Analitical Study on the Nonlinear Bending of Paralel Strand Bamboo Beams. *Construction and Building Material*, 585-592.
- Eratodi, I. G. (2011). The effect of Specific Gravity on Embedding Strength of Glued-Laminated (Glulam) Bamboo. *4th ASEAN Civil Engineering Conference*. Yogyakarta: Departemen of Civil and Environmental Engineering, Gadjah Mada University.
- Eratodi, I. G. (2014). *Sambungan Balok Kolom Menggunakan Pelat Baja Dikarter dan Baut*. Disertasi. Yogyakarta: Universitas Gadjah Mada.
- Gere dan Timoshenko. (2000). *Mekanika Bahan*. Jakarta: Erlangga.
- Guan. (2009). Finite element modelling of anisotropic elasto-plastic timber composite beams. *Engineering Structures*, 394-403.

- Haygreen, J. G. dan J. L. Bowyer. (2006). *Hasil Hutan dan Ilmu Kayu*. Yogyakarta: Terjemahan Gadjah Mada University.
- Irawati, I. S. (2014). *Nonlinear and Nonhomogenous Behavior of Glulam Bamboo Beam-Column*. Dissertasi. Yogyakarta: Universitas Gadjah Mada.
- Irawati, I. S. dan Saputra A. (2012). Analisis Statistik Sifat Mekanika Bambu Petung. *Proceeding Simposium Nasional Rekayasa dan Budidaya Bambu I (SINAR BAMBU I)*. Yogyakarta: Universitas Gadjah Mada.
- Janssen, J.J.A. (1999). The mechanical Propertis of Bamboo Used in Construction. Dalam Morisco, *Rekayasa Bambu* (hal. 13). Yogyakarta: Nafiri Offset.
- Kaw, A. W. (2005). *Mechanics of Composite Materials Second Edition*. Boca Raton: Taylor and Francis Group.
- Kelly. (2008). *Solid Mechanics Part II*. Auckland-New Zeland: University of Auckland.
- Khennane, A. (2013). Numerical Modelling of Dactile Damage Evolution in Tensile and Bending Test of Timber Structures. *Mechanics of Material*, 228-236.
- Kollman, F. dan Cote, J. R. (1968). *Principles of Woods Science and Technology I*. New York: Solid Wood.
- Krabbenhoft, K. (2002). *Basic Computational Plasticity*. Lyngby-Denmark: Technical University of Denmark.
- Mirianon, F. Fortino, S & Toratti, T. (2008). *A Method to Model Wood by Using ABAQUS Finite Element Software*. Finland: VTT Technical Research Centre of Finland.
- Morisco. (1999). *Rekayasa Bambu*. Yogyakarta: Nafiri Offset.
- Morisco. (2006). *Moriscobamboo*. Diambil kembali dari Morisco Bamboo website: <http://www.moriscobamboo.com>
- Mujiman. (2015). *Pengaruh Bentuk dan Tebal Lamina pada Kekakuan Lentur dan Geser Balok Laminasi Vertikal Bambu Petung yang Dibebeani Tangensial*. Disertasi. Yogyakarta: Universitas Gadjah Mada.

- Oetomo, J. (2015, November 10). *Hukum Konstitutif Orthotropik Elastik*. Diambil kembali dari James Oetomo: <https://james-oetomo.com>
- Oka, G. M. (2005). Analisis Perakut Terlabur pada Pembuatan Balok Lminasi Bambu Petung. *Smartek*, 93-100.
- Raftery, G. M. (2013). Nonlinear Numerical Modelling of FRP Reinforced Glued Laminated Timber. *Composites Part B*, 40-50.
- Ravindran, S. (2010). *Prediction of Material Damage in Orthotropic Metals for Visual Structural Testing*. Dissertasi. Cranfield-United Kingdom: Cranfield University.
- Setyo, N. I. (2015). Kuat Tekan dan Angka Poisson Bambu Petung Laminasi. *Material*, 66-73.
- Sharma, B. (2015). Engineered Bamboo for Structural Applications. *Construction and Building Material*, 66-73.
- Sinha, A. (2014). Structural Performance of Glued Laminated Bamboo Beams. *Journal Structural Engineering ASCE*, 1-8.
- Siopongco dan Munandar. (1999). Teknology Manual on Bamboo as Building Material. Dalam Morisco, *Rekayasa Bambu* (hal. 1). Yogyakarta: Nafiri Offset.
- Soesianto, F. (1986). *Bahasa Fortran*. Yogyakarta: Andi Offset.
- Suhendro, B. (2000). *Mekanika Kontinum*. Yogyakarta: Beta Offset.
- Suhendro, B. (2000). *Metode Elemen Hingga dan Aplikasinya*. Yogyakarta: Universitas Gadjah Mada.
- Suryoatmono, B. (1997). *Bahasa Fortran dari Fortran IV hingga Fortran Powerstation*. Bandung: Eresco.
- Tabiei, A. (2000). Three-Dimensional Nonlinear Orthotropic Fnite Element Material. *Composite Structure*, 143±149.
- Triwiyono, A. (2010). *Analisis Tegangan Regangan dan Deformasi*. Bahan Ajar. Yogyakarta: Universitas Gadjah Mada.
- Zhu. (2007). Effect of Openings on Oriented Strand Board Webbed. *Journal of Structural Engineering* © ASCE, 145-149.