

DAFTAR PUSTAKA

- Avitabile, P., 2001, *Experimental Modal Analysis A Simple Non-Mathematical Presentation*, University of Massachusetts Lowell, Massachusetts.
- Avizienis, A., 1996, *Bicycle How Products Are Made*, [Online], (www.encyclopedia.com/topic/bicycle.aspx#1, diakses 6 Juni 2016).
- Bike Labs International, 2015, *International Bicycle Trade Exhibition*, [Online], (<http://www.bikelabsinternational.com/News/>, diakses 22 September 2016).
- Bureau of Indian Standards, 1997, *Mechanical Vibration and Shock – Evaluation of Human Exposure to Whole Body Vibration*. Part 1: General Requirements, New Delhi, ISO2631-1.
- Bureau of Indian Standards, 2001, *Mechanical Vibration and Shock – Measurement and Evaluation of Human Exposure to Hand-Transmitted Vibration*. Part 1: General Requirements, New Delhi, ISO5349-1.
- Champoux, Y., Richard, S., Drouet, J.M., 2007, *Bicycle Structural Dynamics*, Research Journal, Mechanical Engineering department, Universite de Sherbrooke, Canada.
- Chen, H.C., Chen, C.Y., Lee, C.L., Wu, H.C., Lou, S.Z., 2006, *Data Logging and Analysis Tools for Worksite Measurement of Physical Workload*, Proceedings of the 16th World Congress of the IEA. July 10–14. Maastricht, Netherlands.
- Chen, H.C., Chen W.C., Liu, Y.P., Chen, C.Y., Pan, Y.T., 2009, *Whole-Body Vibration Exposure Experienced by Motorcycle Riders – An Evaluation According to ISO 2631-1 and ISO 2631-5 Standards*, International Journal of Industrial Ergonomics Vol. 39 (2009), pp. 708-718.
- Chimentin, X., Rigaut, M., Crequy, S., Bolaers, F., Bertucci, W., 2012, *Hand-Arm Vibration in Cycling*.

- Ferraresi, C., Garibaldi, L., Perocchio, D., Piombo, B.A.D., n.d., 1998, *Dynamic Behaviour and Optimisation of Frames for Road and Mountain Bikes*, Proceeding of 16th International Modal Analysis Conference, pp.387-393.
- Gade, S., Herlufsen, H., Konstantin-Hansen, H., n.d., *How to Determine the Modal Parameters of Simple Structures*, [Online], (www.bksv.com/doc/bo0428.pdf, diakses 10 Juli 2016).
- Giubilato, F., Petrone, N., 2012, *A Method for Evaluating the Vibrational Response of Racing Bicycles Wheels Under Road Roughness Excitation*, Proceeding of 9th Conference of the International Sports Engineering Association.
- Griffin, M.J., Howarth, H.V.C., Pitts, P.M., Fischer, S., Kaulbars, U., Donati, P.M., Bereton, P.F., *Guide to Good Practice on Hand-Arm Vibration*, [Online], (<http://resource.isvr.soton.ac.uk/hvr/vibguide.htm>, diakses 10 September 2016).
- Hadleigh Castings, 2012, [A356 Aluminium Casting Alloy \(7Si-0.3Mg\)](http://www.hadleighcastings.com/index.php?page=alloys-cast-pdf), [Online], (<http://www.hadleighcastings.com/index.php?page=alloys-cast-pdf>, diakses 2 Agustus 2016).
- He, Jimin., Fu, Zhi-Fang., 2001, *Modal Analysis*, Butterworth-Heinemann Publishing, Great Britain.
- Hsu, Tom, 2002, *Foundations of Physical Science*, Cambridge Physics Outlet, Great Britain.
- Irvine, T., 2000, *An Introduction to Frequency Response Functions*, [Online], (www.vibrationdata.com/tutorials2/frf.pdf, diakses 15 juli 2016).
- Koellner, A., Cameron, J., Battley, M., 2014, *Measurement and Analysis System for Bicycle Field Test Studies*, Proceeding of the 2014 Conference of the International Sports Engineering Association.
- Leblanc, J., Lépine, J., Champoux, Y., Droueta, J., 2014, *Using Power as a Metric to Quantify Vibration Transmitted to the Cyclist*, Proceeding of the 2014 Conference of the International Sports Engineering Association.
- Rao, S.S., 1990, *Mechanical Vibration*, Addison-Wesley Publishing Company, United States of America.

- Rao, S.S., 2010, *Mechanical Vibration*, 5th Edition, Prentice Hall, New Jersey.
- Richard, S., Champoux, Y., 2004, *Modal Analysis of a Road Bike's Front Components*, Research Journal, Mechanical Engineering department, Universite de Sherbrooke, Canada.
- Sajjadi, S.A., Ezatpour, H.R., Parizi, M.T., *Comparison of Microstructure and Mechanical Properties of A356 Aluminum Alloy/Al₂O₃ Composites Fabricated by Stir and Compo-Casting Processes*, Journal of Material and Design Vol. 34 (2012), pp. 106-111.
- Saragih, S., 2012, *Perancangan Frame Sepeda Cor Versi Mountain Bike*, Skripsi, Universitas Gadjah Mada, Yogyakarta.
- Schimtz, T.L., 2011, *Vibration – Modal Analysis*, SunCam Online Continuing Education Course.
- Shivakumara, B.S., Sridhar, V., *Study of Vibration and Its Effect on Health of The Motorcycle Rider*, Online Journal of Health and Allied Sciences vol. 9 (2010).
- Suyitno, Salim, U.A., *Fabrication of Bicycle Frame of A356 Aluminum Alloys by using Sand Casting*, Journal of Applied Mechanics and Materials Vol. 758 (2015), pp. 131-135.
- Universitas Gadjah Mada, 2012, *Sepeda Berbahan Alumunium Bekas*, [Online], (<http://ugm.ac.id/id/post/page?id=4913>, diakses 9 Juni 2016.) hal.1
- Vanwalleghem, J., 2010, *Study of the Damping and Vibration Behavior of FlaxCarbon Composite Bicycle Racing Frames*, Master Dissertation, Ghent University, Ghent.
- Widyatmoko, W.A., 2015, *Karakterisasi dan Perbandingan Getaran Rangka Sepeda Castbike Profil Hollow dan Rangka Sepeda Polygon Jenis Tensor*, Tugas Akhir, Departemen Teknik Mesin dan Industri, Universitas Gadjah Mada, Yogyakarta.