

## DAFTAR PUSTAKA

www.itk.ac.id

- Abdullah, M. (2016). *Fisika Dasar I*. Bandung: Institut Teknologi Bandung.
- Alonzo, R. (2015). Finite Element Analysis of an Aluminium Bike Frame. *Computer Simulation in Sports Engineering*, hal 2 - 9.
- Bernabe, D. (2016). *The Feasibility of Wood and its Derivatives as a Bicycle Frame Building Material*. Valencia: Universidade Politecnica de Valencia.
- Chang., Y. C.-K.-P. (2014). Uniform Design and Dynamic Finite Element Analysis for Permanent Deformation Improvement of an On-Road Bicycle Frame Undergoing the Drop-Mass Impact Test. *Advanced Materials Research Vol 933*, hal 1 - 7.
- Chao, H.-C. (2017). *Patent No. 9,694,869, B2*. United States.
- Covill, D. A.-M. (2016). An Assessment of Bicycle Frame Behaviour under Various Load Conditions Using Numerical Simulations. *ScienceDirect*, hal 1 - 6.
- Deutschman, A. D. (1975). *Machine Design*. New York:: Macmillan Publishing Co., Inc.
- Gere, J. M. (2004). *Mechanics of Materials sixth edition*. United State of America: Bill Stenquist.
- Hedapratama, I. (2016). *Simulasi Fatigue Frame Mountain Bike dengan Variasi Bahan dan Ketebalan Menggunakan Sandar CEN 14766*. Surabaya: Institut Teknologi Sepuluh Nopember.
- Koutromanos, d. (2018). *Fundamentals of Finite Element Analysis Linear Finite Element Analysis*. Blacksburg, Virginia: John Wiley & Sons Ltd.
- Kurnia, T. Y. (2020). *Katadata*. Retrieved 2 Agustus, 2021, from katadata.co.id, 2020: <https://katadata.co.id/ekarina/berita/5f157dbd397ca/tren-gowes-kerek-penjualan-sepeda-hingga-30-selama-pandemi>
- Nunes. (1992). *Properties and Selection : Nonferrous Alloys and Special-Purpose Materials*. United States of America: ASM International.
- Polygon Bikes*. (2019). Retrieved Maret 7, 2021, from polygonbikes.com, 2019: <https://www.polygonbikes.com/id/sepeda/sepeda-balap/strattos-s4-2/>

- Setyono , B., Mrihrenaningtyas, & Hamid, A. (2016). Perancangan dan Analisis Kekuatan Frame Sepeda Hibrid "Trisona" Menggunakan Software Autodesk Inventor. *Jurnal IPTEK*, hal 1 -10.
- Siang, W. S. (2017). Application of Uniform Design in Deformation and Mass Improvement of an On Road Bicycle Frame. *International Conference on Mechanical and Intelligent Manufacturing Technologies*, hal 1 - 4.
- TBIS. (2019). *Frame and Fork Test Methods*. Taiwan: Taiwan Bicycle Industry Standard.
- Walker, J. D. (2018). *Fundamentals of Physics*. United States of America: John Wiley & Sons, Inc.
- Wiranata, A., Arief, A., & Santoso , H. (2019). Studi Pengaruh Perubahan Sudut Head Tube dan Top Tube Pada Rangka Sepeda Balap terhadap Defleksi pada Fork dengan Metode Explicit Dynamic Elemen Hingga. *Journal of Mechanical Design and Testing*, hal 1 - 9.
- Wiranata, A., Arief, A., & Santoso, H. (2019). Evaluasi Frame Sepeda saat Tabrakan Dengan Metode Ekplisit Elemen Hingga. *METAL : Jurnal Sistem Mekanik dan Termal*, 1 - 11.
- Yuningsih, N. d. (2020). Gerak Vertikal Benda Berukuran Berbeda yang Jatuh Tanpa Kecepatan Awal dan Bergesekan dengan Udara. *Industrial Research Workshop and National Seminar*, hal 1 - 5.
- Yusup, M., & Djafar, A. (2019). *Perancangan Rangka Tubular Space Frame Kendaraan listrik FSAE-ITK Ditinjau Dari Simulasi Finite Element Analysis (FEA)*. Balikpapan: Institut Teknologi Kalimantan.