

DAFTAR PUSTAKA

- Buckley, D. H., 1974. Friction behavior of 304 stainless steel of varying hardness lubricated with benzene and some benzyl structures.
- Davis, J., 2001. Alloying: Understanding the Basics. Aluminum and Aluminum Alloys, halaman 351-416
- Dayyoub, T., Maksimkin, A. V., Kaloshkin, S., Kolesnikov, E., Chukov, D., Dyachkova, T. Y. P., & Gutnik, I., 2019. The Structure and Mechanical Properties of the UHMWPE Films Modified by the Mixture of Graphene Nanoplates with Polyaniline. *Polymers*, 11(1), 23.
- De, S. Introduction to Finite Elements : Abaqus Handout, Rensselaer Polytechnic Institute.
- Demet, K., Martinet, N., Guillemin, F., Paysant, J., & Andre, J. M. (2003). Health related quality of life and related factors in 539 persons with amputation of upper and lower limb. *Disability and rehabilitation*, 25(9), 480-486.
- Dupes, B., Prosthetic Knee Systems, A publication of the Amputee Coalition of America in partnership with the U.S. Army Amputee Patient Care Program.
- Hartenberg, R.S. & J. Denavit (1964) Kinematic synthesis of linkages, New York: McGraw-Hill, online link from Cornell University.
- Hibbeler, R. C., 2001. Engineering Mechanics Statics. United States: Prentice-Hall
- Illustrated Dictionary of Mechanical Engineering: English, German, French, Dutch, Russian (Springer Science & Business Media, 17 Apr. 2013 - 422 pages)
- Ingrassia, T., Nalbone, L., Nigrelli, V., Tumino, D., & Ricotta, V., 2013. Finite element analysis of two total knee joint prostheses. *International Journal on Interactive Design and Manufacturing (IJIDeM)*, 7(2), 91-101.
- Kim, N. H., 2015. *Introduction to Nonlinear Finite Element Analysis*. New York: Springer.

- Kumar, P. K., Charan, M., & Kanagaraj, S. (2017). Trends and challenges in lower limb prosthesis. *IEEE Potentials*, 36(1), 19-23.
- Kutzner, I., Heinlein, B., Graichen, F., Bender, A., Rohlmann, A., & Halder, A., 2010. Loading of the knee joint during activities of daily living measured in vivo in five subjects. *Journal of Biomechanics*, 2164-2173.
- Logan, D. L., 2007. *A First Course in the Finite Element Method*. United Kingdom: Cengage Learning.
- Miskovic, 2006. The Structure and Mechanical Properties Aluminium A356. *Tribology in industry*, Volume 28.
- Radcliffe, C. W. (1994). Four-bar linkage prosthetic knee mechanisms: kinematics, alignment and prescription criteria. *Prosthetics and orthotics international*, 18(3), 159-173.
- Sitompul, Y., Budiman, Soebardi, S., Abdullah, M., 2015, Profil Pasien Kaki Diabetes yang Menjalani Reamputasi di Rumah Sakit Cipto Mangunkusumo Tahun 2008 – 2012, *Jurnal Penyakit Dalam Indonesia*, Vol. 2 No. 1.
- Sugiyanto, B.P., Setiana, B., Ismail, R. and Tauviqirrahman, M., 2017. Stress Analysis of Four-Bar Linkage Transfemoral Prosthetic in Gait Cycle. *International Journal of Applied Engineering Research*, 12(20), pp.9333-9337.
- Ugural, A. C., 2015. *Mechanical Design of Machine Components*. Madison: CRC Press.
- Vitriana, 2002. *Rehabilitasi Pasien Amputasi Bawah Lutut Dengan Menggunakan Immediate Post Operative Prosthetic*, Bandung : FK UNPAD dan FK UI Bagian Ilmu Kedokteran Fisik dan Rehabilitasi
- Walpole, S. C., Merino, D. P., Edwards, P., Cleland, J., & Stevens, G., 2012. The Weight of Nations : An Estimation of Adult Human Biomass. *BioMed Central*, 1-6.
- Weaver, J. W., & Johnston, P. R., 1984. *Finite Elements for Structural Analysis*. New Jersey: Prentice-Hall.

Wee, H., Reid, J. S., Chinchilli, V. M., & Lewis, G. S., 2017. Finite Element-Derived Surrogate Models of Locked Plate Fracture Fixation Biomechanics. *Annals of Biomedical Engineering*, 668-680.

Online Access

ASM International Handbook Committee., AISI Type 304 Stainless Steel, <http://asm.matweb.com/search/SpecificMaterial.asp?bassnum=mq304a>, accessed on 3 April 2020.

Metals Handbook, 2nd edition, Properties and Selection: Nonferrous Alloys and Special-Purpose Materials, Aluminum A356.0-T6, Sand Cast, http://www.matweb.com/search/datasheet_print.aspx?matguid=d524d6bf305c4ce99414cabd1c7ed070, accessed on 4 April 2020.