

DAFTAR PUSTAKA

- Ayers, R., D. Burkes., G. Gottoli. "The Application of Self-Propagating High-Temperature Synthesis of Engineered Porous Composite Biomedical Materials." Journal: Materials and Manufacturing Processes, vol. 22, no. 4, pp 481-488, 2007
- ANSYS Inc, 2019. ANSYS R3 Documentation Help, 2019.
- Barbero, Ever J. *Finite element analysis of composite materials using ansys*. Taylor & Francis Group. International Standard Book Number-13: 978-1-4665-1690-8 (eBook – PDF) 37-45, 2014.
- Bergman, Theodore L., Incopera, Frank P., Dewitt, David P. & Lavine, Adrienne S. dkk. "Fundamentals of Heat and Mass Transfer 7th Edition". John Wiley & Sons Inc, 2011.
- Bhaduri, A. Mechanical Properties and Working of Metals and Alloys, 2018.
- Bhavikatti, S. S. Finite Element Analysis. New Delhi: New Age International, 2005.
- BMI RESEARCH. Indonesia Medical Devices Report; 2015. <http://store.bmiresearch.com/indonesia-medical-devices-report.html>
- Borisova, A. L. & Borisov, Yu S., "Self-propagating High-temperature Synthesis for The Deposition of Thermal-sprayed Coatings". Powder Metallurgy and Metal Ceramics, Vol. 47, Nos. 1-2, 2008
- Chen, & Liu. Finite Element Modeling and Simulation With ANSYS Workbench. New York: Taylor & Francis Group, 2019.
- Chiu, H.-C., Y.-C. Hsieh, Y.-H. Kao, and M. Lee. The determinants of email receivers' disseminating behaviors. Journal of Advertising Research 47, no. 4: 524–34, 2007.
- Ferrari, T. B., Hara, S. H., Aziani, J. L., Rocha, L., de Paula, E. & Mulato, M. "Undergraduate Study of Thermal Conductivity of Metals" Universidade de Sao Paulo, Brazil, 2002.
- Francis W. Sears, Mark W. Zemansky, Hugh D. Young. University physics, part I. California: Addison-Wesley Publishing Company, 1982.
- Groover, Mikell P. "Fundamentals of Modern Manufacturing: Materials, Processes, and Systems 4th Edition". John Wiley & Sons Inc, 2010

- Hatch, J.E. Aluminum Properties and Physical Metallurgy. Chapter 5, ASM International, 1, 134-199, 1984.
- Halverson, Danny C., Pyzik, Aleksander J., Aksay, Ilhan A. & Snowden, William E. "Processing of Boron Carbide-Aluminum Composites" Journal of the American Ceramic Society, Vol. 72 No. 5, 1989.
- H.S Carslaw and J.C, Jaeger, Conduction of Heat in Solid, second edition, Oxford University Press, page 290-310, 1959.
- Hutton, D. V. Fundamentals of Finite Element Analysis. New York: McGraw-Hill, 122, 2004.
- J.P. Holman. Perpindahan kalor. Erlangga, 23, 1997.
- Kaur, Gurbinder. "Bioactive Glasses Potential Biomaterials for Future Therapy" Springer International Publishing, Switzerland, 2017.
- Kommel, L., Kimmari. Solid Phase's Transformations in Boron Carbide Based Composites during Heat Treatment Solid State Phenomena, Trans Tech Publications 138 pp. 175 – 180, 2008.
- Kreith, Frank., Manglik, Raj M. & Bohn, Mark S. "Principles of Heat Transfer 7th Edition" Cengage Learning Inc, 2011.
- Levashov, E. A. dkk. Self-propagating high-temperature synthesis of advanced materials and coatings. International Materials Reviews. 62 (4). Pp 203 – 239, 2016.
- Madenci, E., & Guven, I. The finite element method and applications in engineering using ANSYS, second edition. In The Finite Element Method and Applications in Engineering Using ANSYS, Second Edition. New York : Springer, 2015.
- Nachev, S., De Rango, P., Skryabina, N., Skachkov, A., Aptukov, V., Fruchart, D. & Marty, P., " Mechanical Behavior of Highly Reactive Nanostructured MgH₂". International Journal of Hydrogen Energy 1-10, 2015.
- Narasaraju, T. S. B., and Phebe, D. E., "Review, some physicochemical aspects of hydroxyapatite." Journal of Materials Sciences, Vol. 31, pp. 1–21.
- Pramono, A., Timuda, G., Rifai, G., & Khaerudini, D. (2022). Synthesis of spinel-hydroxyapatite composite utilizing bovine bone and beverage can. Crystals, 12(1), 96. <https://doi.org/10.3390/cryst12010096>, 1996.
- Pramono, Agus, Lembit Kommel, Lauri Kollo dan Renno Veinthal. 2016. The Aluminum Based Composite Produced by Self Propagating High Temperature Synthesis. Materials Science. Vol 22 (1). 41-43.

Pramono, Agus, Lembit Kommel, Lauri Kollo dan Renno Veinthal. The Aluminum Based Composite Produced by *Self Propagating High Temperature Synthesis*. *Materials Science*. Vol 22 (1). 41-43. 2018

Pramono, A., Timuda, G., Rifai, G., & Khaerudini, D. (2022). Synthesis of spinel-hydroxyapatite composite utilizing bovine bone and beverage can. *Crystals*, 12(1), 96. <https://doi.org/10.3390/cryst12010096>

Pinem, M.D. "ANSYS: Menganalisis Berbagai Permasalahan Dalam Ilmu Keteknikan". Informatika, 2017

Pramanik, Sumit, Avinash Kumar Agarwal, and K. N. Rai. "Development of High Strength Hydroxyapatite for Hard Tissue Replacement." *Journal: Trends in Biomaterials and Artificial Organs*, vol. 19, no. 1, pp. 46–51. 2005.

Rimondini, L., Nicolò, N-A., Milena, F., Gaetano G., Matilde, T., dan Giardino, R., In Vivo Experimental Study On Bone Regeneration In Critical Bone Defects Using An Injectable Biodegradable PLA/PGA Copolymer. *Oral Surgery, Oral Medicine, Oral Patholog*, Bologna : Instituti Ortopedic Giardino, 2004.

Roland W. Lewis, Perumal Nithiarasu, Kankanhalli N. Seetharamu. *Fundamentals of the Finite Element Method for Heat and Fluid Flow*. John Wiley & Sons Ltd, The Atrium, Southern Gate, Chichester, West Sussex PO19 8SQ, England. 38-45. 2004.

Roncati, Dario. "Iterative Calculation of The Heat Transfer Coefficient". *Progettazione Ottica Roncati*, Italy, 2013.

Roylance, David. "Mechanical Properties of Materials". Massachusetts Institute of Technology, 2008.

Sahari, G. N. Anastasia. "Komposit Matriks Keramik Al₂O₃/Al Hasil Proses Directed Melt Oxidation (DIMOX)". Universitas Indonesia, 2012.

Sam Tickoo. *ANSYS Workbench 14.0: A Tutorial Approach*. Department of Mechanical Engineering Technology Purdue University Calumet Hammond, Indiana, USA, 2016.

Subrahmanyam. J. & Vijayakumar, M. "Self-propagating high-temperature synthesis" Chapman & Hall, Jakarta, 1992.

Staton, David A. & Cavagnino, Andrea. "Convection Heat Transfer and Flow Calculations Suitable for Electric Machines Thermal Models". Institute of Electrical and Electronics Engineers, Torino, 2008.

Syarif, Dani Gustaman. " Nanopartikel dan Nanofluida Perpindahan Panas: Sintesis, Karakterisasi dan Aplikasi" BATAN Press, 2016.

Tin-Oo, M.M., Gopalakrishnan, V., Samsudin, A.R., Al-Salihi, K.A., dan Shamsuria, O., Antibacterial Property of Locally Produced Hydroxyapatite, Archives of Orofacial Sciences: 41-44, 2007.

Uphadhaya. G. S. Dube. R. K. Problems in Metallurgical Thermodynamics and Kinetics. England : Oxford, 1977.

Yanguo Zhang, Qinghai Li, Hui Zhou. Theory and Calculation of Heat Transfer in Furnaces (Academic Press), 2016.

Zhu, L., Luo, D., & Liu, Y. Effect of the nano/microscale structure of biomaterial scaffolds on bone regeneration. International Journal of Ora, 2020.

Zulfia, A. & Ariati, M. "Pengaruh Suhu Pemanasan dan Waktu Tahan Terhadap Karakterisasi Material Komposit Logam Al/SiC Hasil Infiltrasi Tanpa Tekanan". Universitas Indonesia, 2006.