DAFTAR PUSTAKA

Abraham, R., P, S. T., Kuryan, S., Issac, J., Nandakumar, K., & Thomas2, S. (2009). Structural and Mechanical Properties of YBCO-Polystyrene Composites. *Journal of Applied Polymer Science, 118*(1), 1027-1040. doi:https://doi.org/10.1002/app.30256

Afifi, H. A., Hager, I. Z., Aal, N. S. A., & ElAziz, A. M. A. (2018). Study of the effect of Ni additive in YBa2Cu3O7-δ superconducting composite employing ultrasonic measurement. *Measurement Journals, 135*(1), 928-934. doi:https://doi.org/10.1016/j.measurement.2018.12.006

Aflidan, M. Z. (2019). *Pembuatan dan Karakterisasi Bahan Superkonduktor Bi1.6Pb0.4Sr2Ca2-xMxCu3Oy (M= Na, Mg dan Ce) Fase 2223 Dengan Metode Sol-Gel.* Universitas Sumatera Utara, Sumatera Utara.

Ahmed, M. A. S. (2017). *A Study of some Superconducting Materials. Diss. Sudan University of Science and Technology*. (Doctoral dissertation), Sudan University of Science and Technology, Retrieved from http://repository.sustech.edu/handle/123456789/19437

Akhtar, K., Khan, S. A., Khan, S. B., & Asiri, A. M. (2018). Scanning Electron Microscopy: Principleand Applications in Nanomaterials Characterization. *Handbook of materials characterization*(4), 113-145. doi:https://doi.org/10.1007/978-3-319-92955-2_4

Amelinckx, S., Van Dyck, D., Van Landuyt, J., & Van Tendeloo, G. (2008). *Electron microscopy: principles and fundamentals*. Weinheim: John Wiley & Sons.

Blanco-Gutiérrez, V., Torralvo-Fernándeza, M. J., & Alario-Francoa, M. Á. (2017). Particle size effect on the superconducting properties of YBa2Cu3O7−x particles. *Dalton Transactions, 46*, 11698-11703. doi:https://doi.org/10.1039/C7DT01974B

Brodt, K., Fuess, H., Paulus, E. F., Assmus, W., & Kowalewski, J. (1990). Untwinned single crystals of the high-temperature superconductor YBa2Cu3O7-delta. *Acta Crysttallographica, 46*(3), 354-358. doi:https://doi.org/10.1107/S0108270189006803

Cempel, M., & Nikel, G. (2006). Nickel: a review of its sources and environmental toxicology. *Polish Journal of Environmental Studies, 15*(3), 375-382. Tersedia pada http://www.nickeltest.net/download/375-382.pdf

Deva, S., Suharta, W. G., & Putra, I. K. (2019). Pengaruh variasi unsur Gd pada struktur kristal superkoduktor Y-358 (Y3-XGdxBa5Cu8O18-δ). *Jurnal Teras Fisika, 2*(2), 1-4. Tersedia pada http://jos.unsoed.ac.id/index.php/tf/article/view/1886

Foner, S., & Schwartz, B. B. (2012). *Superconductor materials science: metallurgy, fabrication, and applications* (Vol. 68): Springer Science & Business Media.

Gao, P. (2021). Optical and electrochemical properties of silver-doped yttrium barium copper oxide as high-temperature superconducting materials. *International Journal of Electrochemical Science, 16*(ID:210632), 1-10. Tersedia pada http://www.electrochemsci.org/papers/vol16/210632.pdf

Grbic, M. S., Pozek, M., Paar, D., Hinkov, V., Raichle, M., Haug, D., Keimer, B., Barisi, N., & Dulci, A. (2011). Temperature range of superconducting fluctuations above Tc in YBa2Cu3O7−δ single crystals. *Physical Review B, 83*(14). doi:http://dx.doi.org/10.1103/PhysRevB.83.144508

Hannachi, E., Almessiere, M. A., Slimani, Y., Baykal, A., & Ben Azzouz, F. (2020). AC susceptibility investigation of YBCO superconductor added by carbon nanotubes. *Journal of Alloys and Compounds, 812*(1), 1-8. doi:https://doi.org/10.1016/j.jallcom.2019.152150

Hasibuan, F. Z. (2020). *Sintesis dan Karakterisasi Superkonduktor Fese dengan Penambahan K Dan SN Melalui Proses Sintering Secara Vacuum dan Powder-In Sealedtube.* Universitas Sumatera Utara, Sumatera Utara. Retrieved from http://repositori.usu.ac.id/handle/123456789/28810

Herbirowo, S., Hanafi, M. N., Imaduddin, A., Utomo, E. P., Hendrik, Trenggono, A., & Yustanti, E. (2020). Pengaruh doping nikel dan suhu sinter pada pembuatan kawat superkonduktor magnesium diborida. *Indonesian Journal of Applied Physics, 10*(2), 116-125. Tersedia pada https://pdfs.semanticscholar.org/28e4/9ad581b5bda8da43a8bf278ad92997b4a2aa.pdf

Huebener, R. P. (2013). *Conductors, Semiconductors, Superconductors: An Introduction to Solid State Physics Second Edition.* New York: Springer Cham Heidelberg.

Jeni, A. M., Sumadiyasa, M., & Suryatika, I. B. M. (2022). Pengaruh suhu sintering terhadap pembentukan senyawa Gd0,95La0,05Ba1,95Sr0,05Cu3O7-δ. *Buletin Fisika, 24*(1), 10-16. Tersedia pada https://scholar.archive.org/work/6wqbcbqug5hlbepynnmgr5bumq/access/wayback/https://ojs.unud.ac.id/index.php/buletinfisika/article/download/77286/41302/

Jiwantini, N. M. R. (2022). *Sintesis dan Karakterisasi Superkonduktor YBa2Cu3-yNiyO7-x Dengan Metode Reaksi Padatan.* Universitas Pendidikan Ganesha, Singaraja. Retrieved from https://repo.undiksha.ac.id/10064/

Jr, C. P. P., Farach, H. A., Creswick, R. J., & Prozorov, R. (2007). *Superconductivity*. Amsterdam: Academic Press (imprint of Elsevier).

Kannan, M. A. (2018). Scanning electron microscopy: Principle, components and applications. *Textbook on Fundamentals and Applications of Nanotechnology*, 81-92.

Mardova, L., Rasitiano, A., Asmi, D., Rumiyanti, L., & Yudanto, S. D. (2020). Sintesis superkonduktor Bi1,6Pb0,4Sr2Ca2Cu3O(10+x) untuk peraga uji meissner menggunakan metode reaksi padatan. *Jurnal Teori dan Aplikasi Fisika*, *8*(2), 93-98. Tersedia pada http://repository.lppm.unila.ac.id/24873/

Matthews, G. A. B., Santra, S., Ma, R., Grovenor, C. R. M., Grant, P. S., & Speller, S. C. (2020). Effect of the sintering temperature on the microstructure and superconducting properties of MgB2 bulks manufactured by the field assisted sintering technique. *Superconductor Science and Technology, 33*(1), 1-11. doi:https://doi.org/10.1088/1361-6668/ab7c53

Maulana, M. I., Imaduddin, A., Yudanto, S. D., & Tanjung, R. A. (2019). Analisis Penambahan Doping Magnesium Pada Material Superkonduktor FeSe Dengan Metode Reaksi Padatan Dalam Tabung Tertutup. *Jurnal Saintis*, *19*(2), 89-94. Tersedia pada https://journal.uir.ac.id/index.php/saintis/article/view/3185

Parinov, I. A. (2012). *Microstructure and properties of high-temperatur superconductors*. Heidelberg Springer Science.

Paturi, P., Peurla, M., Nilsson, K., & Raittila, J. (2004). Crystalline orientation and twin formation in YBCO thin films laser ablated from a nanocrystalline target. *Superconductor Science and Technology, 17*(1), 564–570. doi:https://doi.org/10.1088/0953-2048/17/3/043

Qin, M. J., & Dou, S. X. (2005). Superconductors, High Tc. *Encyclopedia of Condensed Matter Physics*, 112-120. doi:https://doi.org/10.1016/B0-12-369401-9/00706-3

Sahoo, B., Mohapatra, S. R., Singh, A. K., Samal, D., & Behera, D. (2019). Effects of CNTs blending on the superconducting parameters of YBCO superconductor. *Ceramics International, 45*, 7709-7716. doi:https://doi.org/10.1016/j.ceramint.2019.01.072

Salama, A. H., El-Hofy, M., Rammah, Y. S., & Elkhatib, M. (2015). Effect of magnetic and nonmagnetic nano metal oxides doping on the critical temperature of a YBCO superconductor. *Advances in Natural Sciences: Nanoscience and Nanotechnology, 6*(4), 1-8. doi:DOI 10.1088/2043-6262/6/4/045013

Shakeripour, H., Hosseini, S. S., Ghotb, S. S., Hadi-Sichani, B., & Pourasad, S. (2021). Magnetic doping effects on the superconductivity of Y1-xMxBa2Cu3O7-δ (M= Fe, Co, Ni) *Ceramics International*, *48*(1), 10635–10642. doi:https://doi.org/10.1016/j.ceramint.2020.12.176

Shams, G., & Ranjbar, M. (2019). Conductivity fluctuation and some parameters of high temperature superconductor polycrystalline Y1Ba2Cu3O7−δ doped with silver nanoparticles. *Brazilian Journal of Physics*, *49*(ID:210632), 808–819. doi:https://doi.org/10.1007/s13538-019-00701-5

Sichani, B. H., Shakeripour, H., & Salamati, H. (2018). Structural Investigation of Y1-xNixBa2Cu3O7-δ Superconductor. *Physica C: Superconductivity and its applications*, *550*, 92-94. doi:https://doi.org/10.1016/j.physc.2018.02.017

Sichani, B. H., Shakeripour, H., & Salamati, H. (2020). The effect of Ni doping on the electrical and magnetic properties of Y1-xNixBa2Cu3O7−δ delta superconductors. *Materials Research Express*, *7*(5), 1-11. Tersedia pada https://iopscience.iop.org/article/10.1088/2053-1591/ab903e/meta

Suryanarayana, C., & Norton, M. G. (1998). *X-Ray diffraction a practical approach*. New York: Plenum Publishing Corporation.

Tinkham, M., & Lobb, C. J. (1989). Physical Properties of the New Superconductors. *Solid State Physics*, *42*(1), 91-134. doi:https://doi.org/10.1016/S0081-1947(08)60080-6

Uykur, E. (2015). *Pseudogap and Precursor Superconductivity Study of Zn doped YBCO*. Japan: Springer.

West, A. R. (2014). *Solid State Chemistry and its Applications Second Edition*. West Sussex: John Wiley & Sons Ltd.

Xu, S. Y., C.K.Ong, b, Y. L. Z., Low, B. L., Chen, L. F., & Zhang, X. (1998). The effects of heating and annealing processes on the surface morphology and quality of double-sided YBa Cu O thin films. *Physica C: Superconductivity*, *297*(1), 43–51. doi:https://doi:10.1016/S0921-4534(97)01784-X

Zhou, W., Apkarian, R. P., Wang, Z. L., & Joy, D. (2007). Fundamentals of scanning electron microscopy (SEM) *Scanning Microscopy for Nanotechnology: Techniques and Applications*, 1-40.