

DAFTAR PUSTAKA

- Abbas, M.M., Abass L.K and Salman U., (2012), *Influences of Sintering Time on the Tc of Bi_{2-x}Cu_xPb_{0.3}Sr₂Ca₂Cu₃O_{10+δ} High Temperature Superconductors*, Energy Procedia 18, 215-224.
- Abbas, Muna Musa., Saad Frhan Oboudi., Nadein Qahtan Raof., (2015), *Investigating the Preparation Conditions on Superconducting Properties of Bi_{2-x}Li_xPb_{0.3}Sr₂Ca₂Cu₃O_{10+δ}*, Materials Sciences and Applications 6: 310-321.
- Abdeen, W., Marahba, S., Awad, R., Aly, A.I.B., Ibrahim, I.H., dan Matar, M. (2016), Electrical and Mechanical Properties of (Bi,Pb)-2223 Substituted by Holmium, *Journal of Advances of Ceramics*, **5** (1): 54-69.
- Bednorz, J.G and Muller, K.A, (1986), *Possible High Tc Superconductivity in the Ba-La-Cu-O System*, Z. Phys.B. Condensed Matter. 64: 189-193.
- Cardwell, David A, (2003), *Handbook of Superconducting Materials*, Institute of Physics Publishing, Bristol and Philadelphia.
- Darminto, (2010), *Nanokristalisasi Superkonduktor Bi₂SrCa₂Cu₃O_{10+δ} dan Bi_{1.6}Pb_{0.4}Sr₂Ca₂Cu₃O_{10+δ} dengan Metode Kopresipitasi dan Pencampuran Basah*, FMIPA Institut Teknologi Sepuluh Nopember, Surabaya, Jurnal Ilmu Pengetahuan dan Teknologi TELAAH.
- Didin, S., Winatapur., Yustinus M.P, WisnuA.A, Deswita dan E. Sukirman, (2012), *Sifat Listrik Superkonduktor YBa₂Cu₃O_{7-x} Hasil Proses Pelelehan dengan Dopant Ti*, Majalah Metalurgi, V 27.1.2012, ISSN 0216-3188/ hal 35-42.
- E, Peter., Thomson, George H., Friend, D.G., Daubert, Thomas E., Buck, Evan., (1999), *Physical and Chemical Data*, Jerman: The McGraw-Hill Companies, Inc.
- Grant, N. M., & Suryanayana, C. (1998). *X-Ray Diffraction : A Partical Approach*. New York: Plenum Press.
- Grivel, J-C., A Jeremi, and R Flukiger, (1995), *The influence of TiO₂ additions on the formation and the superconducting properties of the (Bi, Pb)₂Sr₂Ca₂Cu₃O_{10-y} phase*, Supercond. Sci. Technol. 8: 41-47.
- Hamid, N.A, and R. Abd-Shukor, (2000), *Effects of TiO₂ addition on the superconducting properties of Bi-Sr-Ca-Cu-O system*, Material Of Science 35: 2325-2329.

- Hendrik., Sebleku, Pius., Imaduddin, Agung., Pramono, Andika Widya., (2016) *Effect of Humid Atmosphere on Resistivity and Crystallinity Behavior of BPSCCO Superconductor Made by Solid State Method*, ConFAST 2016, 020006-1–020006-5.
- Herlyn., (2008), *Pengaruh lama Pemanasan Terhadap Konduktivitas Normal Superkonduktor Overdoped Pb (Bi,Pb)₂Sr₂CaCu₂O_{8+δ} dengan Metode Pencampuran Basah dengan Variasi Suhu dan waktu Kalsinasi dansinter*, Jurnal Fisika FMIPA, Surabaya.
- Ismunandar., (2006), *Padatan Oksida Logam: Struktur, Sintesis dan Sifat-Sifatnya*, Bandung , ITB.
- Kittel, Charles., (2005), *Introduction to solid State Physics*, Edition Eight , University California, Berkeley.
- Lusiana, (2013), *Proses Pembuatan Material Superkonduktor BSCCO dengan Metoda Padatan*, Majalah Metalurgi, V 28.2, ISSN 0216-3188/ hal 73-82.
- Maeda H., Tanaka Y., Fukutomi M., Asano T., (1998), *A New High-r Oxide Superconductor Without a Rare Earth Element*, Jpn. J. Appl. Phys. Pt. 2. 27: L209-210.
- Motlan, (2015), *Fisika Material*, Medan: Universitas Negeri Medan.
- Mourchkine, A., (2004), *Room-temperature superconductivity*, Cambridge: Cambridge Internasional science publishing.
- Nayera, Hasan Mohammed., Ramadan Awad., Ali Ibrahim Abou-Aly., Ibrahim Hassan Ibrahim., Mohammed Saied Hassan, (2012), *Optimizing the Preparation Conditions of Bi-2223 Superconducting Phase Using PbO and PbO₂*, Materials Sciences and Applications, 3, 224-233.
- Nilson, Andreas., (2009), *BSCCO Superconductors Processed by the Glass-Ceramic Route*, Von der Fakultat Maschinenwesen der Technische Universität Dresden.
- Darsono, N., Imaduddin, A., Raju, K., dan Yoon, D.H., (2015), *Synthesis and Characterization of Bi_{1.6}Pb_{0.4}Sr₂Ca₂Cu₃O₇ Superconducting Oxide by High-Energy Milling*, *J Supercond Nov Magn.*
- Poole, C.P., Frach, H., Creswick, R.J., dan Prozorov, R., (2007), *Superconductivity Second Editioan*, Elsevier's Science and Technology Rights Department, Oxford. Mourchkine, A., (2004), *Room-temperature*

superconductivity, Cambridge: Cambridge Internasional science publishing.

Sheng, Z.Z., Herman, A.M., Vier, D.C., Schultz, S., Oseroff, S.B., George, D.J., Hazen, R.M, (1988), *Superconductivity in the Tl-Sr-Ca-Cu-O System*, Physical Review B. 30. 10: 7074-7076.

Sukirman, Engkir, (2003), *Kegiatan Litbang Superkonduktor Tc Tinggi di P3IB-BATAN*, Jurnal Sains Materi Indonesia Vol.4 No.2, BATAN-Serpong.

Taqiyah, R. (2012). *Perbandingan Struktur Kristal dan Morfologi Lapisan Tipis Barium Titanat (BT) dan Barium Zirkonium Titanat (BZT) yang ditumbuhkan dengan Metode Sol-Gel*. Surakarta: Skripsi, Fisika FMIPA Universitas Sebelas Maret.

Widyawati, N, (2012), *Analisa Pengaruh Heating Rate terhadap tingkat Kristal dan Ukuran Butir Lapisan BZT yang Ditumbuhkan dengan Metode Sol Gel*. Surakarta: Universitas Sebelas Maret.

Zakaullah, K.H., Massod, A., Qazi., (2008), *Microstructure and Superconducting Properties Of Bi-2223 Conductors Quenceh From Various Temperatures On Different Quenching Media*, GIK Institute Of Engenering Science and Technology, Pakistan, Vol.4.

THE
Character Building
UNIVERSITY