

DAFTAR PUSTAKA

- Anjum, S., Hameed, S., Awan, S.U., Amed, E., Sattar, A., 2017, Effect of Strontium doped M-Type barium hexa-ferrites on structural, magnetic and optical properties, *International Journal for Light and Electron Optics*, Vol. 131, February 2017, hal. 977-985.
- Arkel, A.E.V., Verwey, E.J.W., Bruggen, M.G.V., 1936, Ferrites I, *Recueil Des Travaux Chimiques Des Pays-Bas*, Vol. 55, No. 4, hal 331-339.
- Billah, A., 2006, Pembuatan dan Karakterisasi Magnet Stronsium Ferit dengan Bahan Dasar Pasir Besi, *Skripsi*, FMIPA, UNNES, Semarang.
- Budiman, A., Puryanti, D., Mulyadi, S., Rizki, M., Syukriani, H., 2016, Karakterisasi Struktur Kristal dan Sifat Magnetik Magnet Stronsium Ferit Pasir Besi Batang Sukam Kabupaten Sijunjung Sumatera Barat, *Prosiding SNFA (Seminar Nasional Fisika dan Aplikasinya)*, ISSN 2548-8325, hal. 38-41.
- Caffarena, V.R., Ogasawara, T., Capitanio, J.L., Pinho, M.S., 2008, Co₂Z hexaferrite obtained by the citrate precursor method in an inert atmosphere, *Revista Materia*, Vol. 13, No. 2, hal. 374-379.
- Callister Jr., W.D., 2007, *Material Science and Engineering*, Seventh Edition, John Wiley & Sons, Inc., New York.
- Costa, A.C.F.M., Tortella, E., Morelli, M.R., Kininami, R.H.G.A., 2003, Syntesis, microstructure and magnetic properties of Ni-Zn ferrites, *Journal of Magnetism and Magnetic Materials*, Vol. 256, No.1-3, hal. 174-182.
- Culity, B.D., dan Graham, C.D., 2009, *Introduction of Magnetic Material*, Second Edition, Jhon Wiley & Sons, Inc., Publication, New Jersey.
- Dunlop, D.J., dan Ozdemir, O., 1997, *Rock Magnetism: Fundamental and Frontiers*, Cambridge University Press.
- Girdler, R.W., 1961. Some Preliminary Measurements of Anisotropy of Magnetic Susceptibility of Rocks, *Geophysical Journal of the Royal Astronomical Society*, Vol. 5, No. 3, hal. 197-206.

- Halliday, D., dan Resnick, R., 1989. *Fundamentals of Physics*, Ninth Edition, John Wiley & Sons, Inc., United States of America.
- Harberer, F., dan Kockel, A., 1976, The formation of strontium hexaferrite $\text{SrFe}_{12}\text{O}_{19}$ from pure iron oxide and strontium carbonate, *IEEE Transactions on Magnetics*, Vol. Mag-12, No. 6, November 1976, hal. 983-985.
- Harris, V.G., Chen, Z., Chen, Y., Yoon, S., Sakai, T., Gieler, A., Yang, A., He, Y., Ziemer, K.S., Sun, N.X., Vittoria, C., 2006, Ba-hexaferrite films for next generation microwave devices (invited), *Journal of Applied Physics*, Vol. 99, No. 8, hal. 1-5.
- Hayati, R., Budiman, A., Puryanti, D., 2016. Karakterisasi Sifat Magnetik Magnet Barium Stronsium Ferit dengan Variasi Massa Berbeda, *Jurnal Fisika Unand (JFU)*, Vol. 5, No. 2, hal. 187-192.
- Iqbal, M.J., dan Farooq, S., 2011, Could binary mixture of Nd-Ni ions control the electrical behavior of strontium barium M-Type hexaferrite nanoparticles?, *Materials Research Bulletin*, Vol. 46, No. 5, May 2011, hal. 662-667.
- Johan, A., 2010, Analisis Bahan Magnet Nanokristalin Barium Heksaferit ($\text{BaO} \cdot 6\text{Fe}_2\text{O}_3$) dengan Menggunakan High-Energy Milling, *Jurnal Sains Materi Indonesia*, Vol. 14, No. 1(B), Januari 2010, hal. 19-24.
- Kanagesan, S., Hashim, M., Jesurani, R., Kalaivani, T., Ismail, I., Shafie, M.S.E., 2012, Particle Morphology and Magnetic Properties of $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Fe}_{12}\text{O}_{19}$ Powder Calcined Conventionally and by Microwave Heating, *Journal of Alloys and Compounds*, Vol. 543, hal. 49-52.
- Kostishyn, V.G., Panina, L.V., Timofeev, A.V., Kozhitov, L.V., Kovalev, A.N., Zyuzin, A.K., 2016, Dual ferroic properties of hexagonal ferrite ceramics $\text{BaFe}_{12}\text{O}_{19}$ and $\text{SrFe}_{12}\text{O}_{19}$, *Journal of Magnetism and Magnetic Materials*, Vol. 400, hal. 327-332.
- Kucer, N., Sadikoglu, I., Can, N., 2012, Measurements of Environmental Pollution in Industrial Area Using Magnetic Susceptibility Method, *Proceeding of the International Congress on Advanced in Applied Physics and Materials Science*, Vol. 121, No. 1, hal. 20-22.

- Kucuk, I., Sozeri, H. Ozkan, H., 2011, Modeling of Magnetic Properties of Nanocrystalline La-doped Barium Hexaferrite, *Journal Superconductivity Novel Magnenism*, Vol. 24, No. 4, hal. 1333–1337.
- Lee, J.H., Lee, H.H., Won, C.W., 1995, Magnetic properties of Sr-ferrite powders prepared by hydrothermal method, *Korean Journal of Metals and Materials*, Vol 33, No.1, hal. 21-27.
- Morisako, A., Matsumoto, M., Naoe, M., 1987, Influences of sputtering gas pressure on microtexture and crystallographic characteristics of Ba-Ferrite thin films for high density recording media, *IEEE Transactions on Magnetics*, Vol. 23, No. 1, Januari 1987, hal. 56-58.
- Rohman, L.H.K., 2010, Fabrikasi dan Karakterisasi Sifat Mekanik Kaca Magnetik Berbasis Barium Ferit, *Skripsi*, UNNES, Semarang.
- Smallman, R.E., dan Bishop, R.J., 1999, *Modern Physical Metallurgy and Material Engineering*, Edisi 6, Butterworth Heinemann, Inggris.
- Subekti, 2010, Analisa Suseptibilitas Magnetik Pasir Besi, *Skripsi*, Jurusan Fisika, FMIPA, Universitas Surakarta, Surakarta.
- Sui, X., Kryder, M.H., Wong, B.Y., Laughlin, D.E., 1993, Microstructural origin of the perpendicular anisotropy in M-Type, *IEEE Transactions on Magnetics*, Vol. 29, No. 6, November 1993, hal. 3751-3753.
- Tang, X., 2005, Influence of Synthesis Variable on The Phase Component and Magnetic Properties of M-Ba-Ferrite Powder Prepared Via Sugar-Nitrates Process, *Journal of Material Science*, ISSN 0022-2461.
- Tarling, D.H., dan Hrouda, F., 1993, *The Magnetic Anisotropy of Rocks*, Chapman & Hall, London.
- Tauxe, L., 1998, *Paleomagnetic Principles and Practice*, Kleuwer Academic Publisher, London.
- Thummler, F., dan Oberacker, R., 1993, *Introduction to Powder Metallurgy*, The Institute of Material, London.
- Tipler, P.A., 2001, *Fisika Untuk Sanis dan Teknik*, Edisi 3, Jilid 2, Penerbit Erlangga, Jakarta.

Went, J.J., Rathenau, G.W., Gorter, E.W., Oosterhout, G.W., 1952, Hexagonal Iron-Oxide Compounds as Permanent-Magnet Materials, *Physics Review Letter*, Vol. 86, hal. 424-425.

Yamamoto, S., Liu, X., Morisako, A., 2007, Preparation of barium ferrite dot arrays by means of nano-spot crystallization, *Journal of Magnetism and Magnetic Materials*, Vol. 316, No. 2, September 2007, hal. 152-154.

Zhang, H., Li, L., Zhou, J., Yue, Z., Ma, Z., Gui, Z., 2001, Microstructure characterization and properties of chemically synthesized Co_2Z hexaferrite, *Journal of the European Ceramic Society*, Vol. 21, No. 2, Februari 2001 hal. 149-153.

Zhang, H., Zhou, J., Wang, Y., Li, L., Yue, Z., Wang, X., Gui, Z., 2002, Investigation on physical characteristics of novel Z-type $\text{Ba}_3\text{Co}_{2(0.8-x)}\text{Cu}_{0.40}\text{Zn}_{2x}\text{Fe}_{24}\text{O}_{41}$ hexaferrite, *Materials Letters*, Vol. 56, No. 4, Oktober 2002, hal. 397-403.

Nayiroh, N., 2015, Metalurgi Serbuk, <http://nurun.lecturer.uin-malang.ac.id/wp-content/uploads/sites/7/2015/09/METALURGI-SERBUK.pdf>, Diakses pada tanggal 18 April 2015, Pukul 13.26 WIB.

