

DAFTAR PUSTAKA

- [1] Mizukami,S, dkk. 2016. Mn-based hard magnets with small saturation magnetization and low spin relaxation for spintronics. *Script Materiala* (118) : 70-74.
- [2] Y.H. Chu, L.W. Martin, M.B. Holcomb, R. Ramesh, 2007 Controlling magnetism with multiferroics, *Mater. Today* 10 ,16.
- [3] Bandyopadhyay, S dan Cahay, Marc. 2008. *Electron Spin for Classical Information Processing : A Brief Survey of Spin-Based Logic Devices, Gates and Circuits*. Department of Electrical and Computer Engineering. USA
- [4] Adamczyk Malgorzata, Kozielski Lucjan, Bochenek Dariusz, 2016 Impedance spectroscopy of vanadium modified BaBi₂Nb₂O₉ ceramics. *Eur. Phys. J. B.* 89: 37
- [5] Parida, Geetanjali., dan Bera,J. 2015. Effect of La-Substitution on The Structure, Dielectric, and Ferroelectret Properties of Nb Modified SrBi₈Ti₇O₂₇ Ceramics. *Materials Research Bulletin* (68) 155-159.
- [6] Zulhadjri,dkk. 2011. Aurivillius Phases of PbBi₄Ti₄O₁₅ Doped With Mn³⁺ Synthesized By molten Salt Technique : Structure, Dielectric, And Magnetic Properties. *Journal of Solid State Chemistry* Vol 184: 1318-1323
- [7] Musthapia,I dan Sunarno,M,T,D. 2006. Dampak Polutan Timbal pada Ikan dan Manusia. LIPI. Jakarta
- [8] Subbarao, E.C. 1962. A Family of Ferroelectric Bismut Compounds. *J.Phys, Chem. Solids* (23) 665-676.
- [9] Rizal,M dan Ismunandar. 2007. Sintesis dengan Metode Hidrotermal dan Karakterisasi Senyawa Berstruktur Aurivillius Bi₄Ti₃O₁₂. ITB. Bandung.
- [10] Mikrianto, Edi .2011. Penentuan Temperatur Curie Senyawa Oksida Logam Berstruktur Aurivillius Tipe CuBi₄Ti₄O₁₅ (CBT) Empat Lapis. FMIPA Lambung Mangkurat Press.
- [11] Syuhadi,I dan Rosyidah, A. 2015. Sintesis dan Karakterisasi Aurivillius LaBi₂TiNbO₉ dan Bi₃TiTaO₉. ITS. Surabaya.
- [12] Lopez, C.A, dkk. 2013. Cationic disorder and Mn³⁺/Mn⁴⁺ charge ordering in the B' and B'' sites of Ca₃Mn₂NbO₉ perovskit: a comparison with Ca₃Mn₂WO₉ . *Journal of Solid State Chemistry*. Vol (210) 1-9.
- [13] Arendt, R. H., Rosolowski, J. H., & Szymaszek, J. W. (1979). Lead Zirconate Titanate Ceramics from Molten Salt Solvent Synthesized Powders. *Materials Research Bulletin*, Vol.14, No.5, pp. 703-709, ISSN 0025-5408.

- [14] Li, Xiaoning., Zhu, Zhu., Li, Feng., Peng, Ranran., Zhai, Xiaofang., Fu, Zhengping., Lu, Yalin. 2015. Facile route to prepare grain-oriented multiferroic $\text{Bi}_7\text{Fe}_{3-x}\text{Co}_x\text{Ti}_3\text{O}_{21}$ Ceramics. *Journal of the European Ceramic Society*. (35). 3437-3443.
- [15] Nalini. 2002. Structure Determination At Room Temperatur And Phase Transition Studies Above T_c In $\text{Abi}_4\text{Ti}_4\text{O}_{15}$ ($A = \text{Ba}, \text{Sr}, \text{Or}, \text{Pb}$). *Indian Academy Of Sciences Vol 25* : 275-281.
- [16] H.-L. Li, Z.-N. Du, G.-L. Wang, Y.-C. Zhang. 2010. *Low temperatur molten Salt Synthesis of SrTiO submicron crystallites and nano-crystals in the eutectic NaCl-KCl*. Mater. Lett. (64) 431–434.
- [17] Kh.V. Manukyan, S.V. Aydinyan, Kh.G. Kirakosyan. 2008. Molten salt- Assisted Combustion synthesis and characterization of MoSi_2 and $\text{MoSi}_2\text{-Si}_3\text{N}_4$ composite powders. Chem.Eng.J. (143)331–336.
- [18] Kimura, Toshio. 2011. *Molten Salt Synthesis of Ceramic Powders*. Keio University. Japan.
- [19] Porob, Digamber G dan Maggard, Paul A. 2006. Synthesis of textured $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ and $\text{LaBi}_4\text{Ti}_3\text{FeO}_{15}$ ferroelectric layeres Aurivillius phases by molten-salt flux methods. Materials Research Bulletin. (41). 1513-1519.
- [20] Ismunandar. 2006. Padatan oksida logam : Struktur, sintesis, dan sifat-sifatnya. ITB . Bandung.
- [21] Atkins, Peter dan Paula, Julio DE. 2006. Atkins Physical Chemistry, ed 8. Oxfor University Press. UK.
- [22] Xialian, Zheng., Xinyou, Huang., dan Chunhua, Gao. 2007. Study on Ferroelectric and Dielectric Properties of La-Doped $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ Based Ceramic. Journal of Rare Earths. (25). 168-172
- [23] Fedchak, Stephana, : Presumptive Field Testing Using Portable Raman Spectroscopy Research and Development on Instrumental Analysis for Forensic Science Department of Justice: Las Vegas, 2010.
- [24] Naglic, Peter. Raman spectroscopy for medical diagnostics. University of Ljubljana Faculty of Mathematics and Physics: Slovenia, 2012.
Smith, Ewen, Dent.Geoffrey. Modern Raman spectroscopy A Practical Approach. Wiley :Inggris, 2005.
- [25] Kalantri,Pushkar, R,Somani ,T.Maklhja Dinesh, Raman spectroscopy: A potential technique in analysis of pharmaceuticals Department of Pharmaceutical Chemistry, Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai, 2010.
- [26] Silva, PMO, Fernandes,Oliveira ,M,AS dan Sombra,: Radiofrequency and Microwave Properties Study of the Electroceramics $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$. *Journal Material Scienceand Enginerring B*,2014,182 : 37-44.
- [27] Irzaman, Maddu. A, Syafutra. H, dan Ismangil. A. 2010. Uji konduktivitas Listrik dan Dielektrik Film tipis Litium Tantalate (LiTaO_3) Yang didadah

Niobium Pentaoksida (Nb_2O_5) Menggunakan Metode Chemical Solution Deposition. *Prosiding Seminar Nasional Fisika*. Departemen Fisika FMPA, Institut Pertanian Bogor. ISBN : 978-979-98010-6-7

- [28] Bekhtin M. A., Bush A. A., Kamentsev K. E., and Segalla A. G., Preparation and Dielectric and Piezoelectric Properties of $\text{Bi}_3\text{TiNbO}_9$, $\text{Bi}_2\text{CaNb}_2\text{O}_9$, and $\text{Bi}_{2.5}\text{Na}_{0.5}\text{Nb}_2\text{O}_9$ Ceramics Doped with Various Elements *Inorganic Materials*, 2016, Vol. 52, No. 5, pp. 510–516.
- [29] Birla, A., Singh, B., Upadhyay, S. N., and Sharma, Y. C. 2012. Kinetics studies of synthesis of biodiesel from waste frying oil using a heterogeneous catalyst derived from snail shell. *Bioresource Technology*. Vol.106. Pp 95-100.
- [30] P.R. Graves, G. Hua, S. Myhra, J.G. Thompson, 1995. The Raman Modes of The Aurivillius Phases: Temperatur and Polarization Dependence, *J. Solid State Chem.* (144), 112
- [31] Z.Ž. Lazarevic,N.Ž. Romcevic, J.D. Bobic, M.J. Romcevic, Z. DohceviMitrovic, B.D. Stojanovic, 2009, Study on bi-layered ceramics powders prepared by the mechanochemical synthesis, *J. Alloys Compd.* 486 , 848–852.
- [32] Yao Zhongran, Chu Ruiqing, Xu Zhijun. 2016. Electrical properties and thermal stability of $\text{Na}_{0.5}\text{Bi}_{4.5-x}(\text{La}_{0.5}\text{Ce}_{0.5})_x\text{Ti}_4\text{O}_{15}$ Aurivillius ceramics. *Journal of Materials Letters*. (180) 252-255.,
- [33] S. Kojima, R. Imaizumi, S. Hamazaki, M. Takashfe, 1995. Raman Study of ferroelecktric Bismut Layer-Oksides $\text{ABi}_4\text{Ti}_4\text{O}_{15}$ *J. Appl. Phys.* 33