

DAFTAR PUSTAKA

- Altaf, M., & Chaudhry, M. A. (2010). Physical properties of lithium containing cadmium phosphate glasses. *Journal of Modern Physics*, 1(04), 201.
- Astuti, A., (2016), *Bab IV Karakterisasi Material*, diunduh dari <http://www.researchgate.net>
- Babu, S., Seshadri, M., Prasad, V. R., & Ratnakaram, Y. (2015). Spectroscopic and laser properties of Er³⁺ doped fluoro-phosphate glasses as promising candidates for broadband optical fiber lasers and amplifiers. *Materials Research Bulletin*, 70, 935-944.
- Chanthima, N., & Kaewkhao, J. (2017). Properties of erbium luminescence in barium borophosphate glasses. *Materials Today: Proceedings*, 4(5), 6099-6104.
- Dias, A., Lopes, M., Santos, J., Afonso, A., Tsuru, K., Osaka, A., . . . Kurabayashi, Y. (2006). In vivo performance of biodegradable calcium phosphate glass ceramics using the rabbit model: histological and SEM observation. *Journal of biomaterials applications*, 20(3), 253-266.
- Fares, H., Jlassi, I., Hraiech, S., Elhouichet, H., & Férid, M. (2014). Radiative parameters of Nd³⁺-doped titanium and tungsten modified tellurite glasses for 1.06 μm laser materials. *Journal of Quantitative Spectroscopy and Radiative Transfer*, 147, 224-232.
- Fessenden, R., & Fessenden, J. (1994). Kimia Organik, edisi ketiga, jilid 1 dan 2. *Terj. dari Organic Chemistry, third edition, oleh Pudjaatmaka, AH Erlangga, Jakarta.*
- Hraiech, S., Bouzidi, C., & Férid, M. (2017). Luminescence properties of Er³⁺-doped phosphate glasses. *Physica B: Condensed Matter*, 522, 15-21.
- Hraiech, S., Sdiri, N., Horchani-Naifer, K., & Férid, M. (2018). Thermal and optical properties of Er³⁺ doped phosphate glasses. *Journal of Non-Crystalline Solids*, 482, 73-77.
- Kassab, L., Courrol, L., Seragioli, R., Wetter, N., Tatumi, S., & Gomes, L. (2004). Er³⁺ laser transition in PbO–PbF₂–B₂O₃ glasses. *Journal of Non-Crystalline Solids*, 348, 94-97.
- Kesavulu, C., Kim, H., Lee, S., Kaewkhao, J., Wantana, N., Kothan, S., & Kaewjaeng, S. (2016). Influence of Er³⁺ ion concentration on optical and photoluminescence properties of Er³⁺-doped gadolinium-calcium silica borate glasses. *Journal of Alloys and Compounds*, 683, 590-598.
- Lachheb, R., Herrmann, A., Assadi, A., Reiter, J., Körner, J., Hein, J., . . . Damak, K. (2018). Judd–Ofelt analysis and experimental spectroscopic study of erbium doped phosphate glasses. *Journal of Luminescence*, 201, 245-254.
- Maheswari, T., Basavapoornima, C., Linganna, K., Ju, S., Han, W.-T., & Jayasankar, C. (2018). Structural and spectroscopic properties of γ-ray irradiated Er³⁺-doped lead phosphate glasses. *Journal of Luminescence*.
- Permana, I., Budi, E., Marpaung, M. A., Sahar, M. R., & Buchori, P. A. (2016). KARAKTERISASI SIFAT FISIK DAN ABSORPSI OPTIKAL SISTEM

KACA ZnO–MgO–P₂O₅ MENGGUNAKAN TEKNIK MELT QUENCHING. *Spektra: Jurnal Fisika dan Aplikasinya*, 1(1), 61-68.

Pugliese, D., Boetti, N. G., Lousteau, J., Ceci-Ginistrelli, E., Bertone, E., Geobaldo, F., & Milanese, D. (2016). Concentration quenching in an Er-doped phosphate glass for compact optical lasers and amplifiers. *Journal of Alloys and Compounds*, 657, 678-683.

Rajagukguk, J. (2017). Preparasi, Sifat Fisis Dan Analisis Termal Medium Gelas Fluorofosfat Didoping Oleh Ion Nd³⁺ Untuk Aplikasi Medium Penguat Laser. *EINSTEIN*, 4(3).

Ramli, R., Jonuarti, R., & Hartono, A. (2017). Analisis Struktur Nano dari Lapisan Tipis cobalt Ferrite Yang Dipreparasi dengan Metode Sputtering. *EKSAKTA: Berkala Ilmiah Bidang MIPA*, 18(01), 46-53.

Rinto, A. (2011). PREPARASI DAN KARAKTERISASI SIFAT OPTIK KACA POSFAT. *Jurnal Pendidikan Fisika Indonesia*, 7(2).

Sdiri, N., Elhouichet, H., Barthou, C., & Ferid, M. (2012). Spectroscopic properties of Er³⁺ and Yb³⁺ doped phosphate–borate glasses. *Journal of Molecular Structure*, 1010, 85-90.

Shah, K., Goswami, M., Aswal, D., Shrikhande, V., Gupta, S., & Kothiyal, G. (2006). Effect of Na₂O/K₂O substitution on thermophysical properties of PbO based phosphate glasses. *Journal of thermal analysis and calorimetry*, 89(1), 153-157.

Shih, P. (2004). Thermal, chemical and structural characteristics of erbium-doped sodium phosphate glasses. *Materials chemistry and physics*, 84(1), 151-156.

Silverstein, R., Bassler, G., & Morrill, T. (1986). Penyidikan Spektrometrik Senyawa Organik, Edisi Keempat (alih bahasa oleh A. Hartomo). *Jakarta: Penerbit Erlangga*.

Soltani, I., Hraiech, S., Horchani-Naifer, K., Elhouichet, H., Gelloz, B., & Férid, M. (2016). Growth of silver nanoparticles stimulate spectroscopic properties of Er³⁺ doped phosphate glasses: Heat treatment effect. *Journal of Alloys and Compounds*, 686, 556-563.

Susanto, R., (2012), *Sifat Optik Kaca Telurium Oxide yang Terdadah Ion Erbium untuk Optical Amplifier*, Tesis, Program Ilmu Fisika, Program Pasca Sarjana, Universitas Sebelas Maret Surakarta, Surakarta.

Tiang, L.C., (2011), *Performance Optimization of Erbium Doped Fiber Amplifier in Wavelength Division Multiplexing System for Long Haul Transmission*, Thesis, Faculty of Electronic and Computer Engineering, Universiti Teknikal Malaysia Melaka, Melaka.

Walter, K., dan Michael, B., (2003), Solid-state lasers: A Graduate text, *Journal Springer*, New York, 58-6