

DAFTAR PUSTAKA

- [1] Law, Averill M. Kelton, W. David. Simulation Modelling & analysis. Second Edition. McGraw-Hill: International. 1991
- [2] M. Nafar, "Simulation of Partial Discharge Mechanism using EMTP," *Int. Conf. Innov. Electr. Electron. Eng.*, hal. 249–251, 2012.
- [3] A. Cavallini, G. C. Montanari, F. Puletti, dan A. Contin, "A new methodology for the identification of PD in electrical apparatus: Properties and applications," *IEEE Trans. Dielectr. Electr. Insul.*, vol. 12, no. 2, hal. 203–215, 2005.
- [4] E. Gulski dan F. H. Kreuger, "Computer-aided recognition of Discharge Sources," *IEEE Trans. Electr. Insul.*, vol. 27, no. 1, hal. 82–92, 1992.
- [5] N. Hozumi, T. Okamoto, dan T. Imajo, "Discrimination of partial discharge patterns using a neural network," *Electr. Insul. IEEE ...*, vol. 27, no. 3, hal. 8–11, 1992.
- [6] A. Aulia, Y. Z. Arief, Z. Abdul-Malek, N. A. Muhamad, M. H. Ahmad, dan M. Z. H. Makmud, "Partial discharge monitoring technique for research purpose on solid insulating material," *2015 IEEE Conf. Energy Conversion, CENCON 2015*, hal. 106–111, 2016.
- [7] H. G. Kranz, "Fundamentals in computer aided PD processing, PD pattern recognition and automated diagnosis in GIS," *IEEE Trans. Dielectr. Electr. Insul.*, vol. 7, no. 1, hal. 12–20, 2000.
- [8] E. P. Walidi, A. Aulia, A. Hazmi, H. Abrial, S. Arief, dan M. H. Ahmad, "An optimized method of partial discharge data retrieval technique for phase resolved pattern," *TELKOMNIKA (Telecommunication Comput. Electron. Control.*, vol. 14, no. 1, hal. 21, 2016.

- [9] E. P. Walidi *et al.*, “Automatic threshold of standard deviation to reject noise in raw data of partial discharges,” *ARNP J. Eng. Appl. Sci.*, vol. 12, no. 18, hal. 5319–5324, 2017.
- [10] H. B. H. Sitorus, D. Permata, dan E. Steven, “Analisis Peluahan Sebagian Pada Belitan Transformator Tegangan Menengah 5 Kv Dengan Proses Pengisolasian Yang Bervariasi,” *Electr. J. Rekayasa dan Teknol. Elektro*, no. 3, hal. 198–210, 2009.
- [11] Aulia, V. Dwiputri, dan R. Nazir, “Pengujian Partial Discharge Low Density Polyethylene Pada Kondisi Ruang dengan Tegangan Operasi 20 kV,” *Artik. Penelit.*, no. 25163, 2006.
- [12] M. D. Judd dan I. B. B. Hunter, “Partial Discharge Monitoring for Power Transformers Using UHF Sensors Part 1 :,” *IEEE Electr. Insul. Mag.*, vol. 21, no. 2, hal. 5–14, 2005.
- [13] A. Syakur, W. Ap, dan H. Berahim, “Pada Bahan Resin Epoksi,” *Transm. J. Tek. Elektro*, vol. 10, no. 1, hal. 49–52, 2008.
- [14] F. Ramadhan, *Monitoring Partial Discharge Pada Bushing Transformator*. Depok: Universitas Indonesia, 2011.
- [15] S. Jain, “Development of Smart Human Machine Interface for Solar Powered Appliances,” hal. 6–9, 2015.
- [16] A. Q. N. Karim, “Analisis Pendeteksian Dan Pengolahan Data Magnitude Peluahan Sebagian Dengan Penetapan Sample Rate.” Universitas andalas, Padang, 2014.
- [17] R. P. Zarta, “Pengujian Bahan Isolasi Ldpe Film Terhadap Aktivitas Pd (Partial Discharge) Di Udara Menggunakan Elektroda Jarum - Bidang Dengan Sela Udara 0,5 Mm,” Universitas Andalas, 2012.
- [18] Wherry. Frederick E, Toothman. Lawrence R, Yakov. Sabitay, “The Significance of Corona Measurements on Transformers,” pp. 1889–1898,

1968.

- [19] Bhure. Akshay, Strangas. Elias G, Agapiou. John, "Partial Discharge Detection in Medium Voltage Stator Using an Antena ," pp. 480-485, 2017.
- [20] R. Schwarz, M. Muhr, dan S. Jaufer, "Partial Discharge Impulse Behaviour in Different Insulating Media," *Conf. Rec. 2006 IEEE Int. Symp. Electr. Insul.*, hal. 306–309, 2006.
- [21] J. S. Panjaitan, H. H. Sinaga, dan N. Purwasih, "Analisis Peluahan Sebagian di Udara Menggunakan Metode Elektromagnetik," *Electr. – J. Rekayasa dan Teknol. Elektro Anal.*, vol. 8, no. 3, hal. 162–188, 2014.
- [22] L. R. Syahputra, H. H. Sinaga, dan Y. Martin, "Pendeteksian Beragam Sumber Peluahan Sebagian dengan Menggunakan Metode Elektromagnetik," *Electrician*, vol. 8, no. 3, 2014.
- [23] E. Kuffel, W. S. Zaengl, dan J. Kuffel, "High Voltage Engineering, Fundamentals," *High Volt. Eng.*, vol. 1, no. c, hal. 552, 2001.
- [24] G. Robles, "Ageing study on enameled magnet wires through statistical analysis of conventional partial discharge magnitudes and repetition rate," pp. 16–19, 2016.
- [25] Y. Li, F. Lu, H. Xie, dan M. Yin, "Method of real discharge magnitude estimation," *2004 Int. Conf. Power Syst. Technol. POWERCON 2004*, vol. 2, no. November, hal. 1360–1363, 2004.
- [26] J. Guo, T. Campbell, dan S. A. Boggs, "Partial-discharge magnitude estimation with three-dimensional finite-element methods," *IEEE Trans. Power Deliv.*, vol. 27, no. 2, hal. 491–496, 2012.
- [27] Suwarno dan H. Sutikno, "Model and computer simulation of partial discharge patterns in natural liquid insulation for high voltage application," *Int. J. Math. Model. Methods Appl. Sci.*, vol. 5, no. 5, hal. 966–973, 2011.

- [28] A. Sabat dan S. Karmakar, "Simulation of Partial Discharge in High Voltage Power Equipment," *Int. J. Electr. Eng. Informatics*, vol. 3, no. 2, hal. 234–247, 2011.
- [29] H. B. H. Sitorus *et al.*, "Pola Peluahan Parsial (Partial Discharge-PD) Pada Bahan Isolasi Epoxy Resin," *Electr. J. Rekayasa dan Teknol. Elektro*, vol. 2, no. 2, 2008.
- [30] A. W. Rawool, S. V Kulkarni, dan P. P. Vaidya, "Labview Based Electrical Partial," vol. 3, no. 2, hal. 76–80, 2015.
- [31] Bonggas, L. Tobing, *Dasar Teknik Pengujian Tegangan Tinggi*. Gramedia Pustaka Utama. Jakarta. 2003.
- [32] Malik, N.H., Al-Arainy, A.A, and Qureshi, M.I., *Electrical Insulation in Power Systems*, Marcel Dekker, Inc., New York, 1998.
- [33] Naidu, M.S., and Karamaju, V., *High Voltage Engineering*, McGraw-Hill, New Delhi, 1995.
- [34] W. K. Wibowo, "Analisis karakteristik breakdown voltage pada dielektrik minyak shell diala b pada suhu 30 0 c-130 0 c," *Tek. Elektro Fak. Tek. Univ. Diponegoro*, vol. 3, no. 1, hal. 1–11, 2011.