

## DAFTAR PUSTAKA

- [1] Rison, W. et al., "Observations of narrow bipolar events reveal how lightning is initiated in thunderstorms", 7:10721, 2016.
- [2] Few, A.A., 1995. *Acoustic radiations from lightning*: In: Volland, H. (Ed.), *Handbook of Atmospheric Electrodynamics, II*. CRC Press, Boca Raton, Florida, 1–31
- [3] Hazmi, A., Emeraldi, P., Hamid, M.I., Melati, S., Takagi, N. 2019. *Reconstruction of Lightning Channel Based on Acoustic Radiation, International Journal on Electrical Engineering and Informatics*, Volume 11, Number 2.
- [4] Kamus Besar Bahasa Indonesia. <http://kbbi.kemdikbud.go.id/petir/> diakses pada tanggal 03 April 2021.
- [5] Zoro, R. 2009. Induksi Dan Konduksi Gelombang Elektromagnetik Akibat Sambaran Petir Pada Jaringan Tegangan Rendah. *Makara, Teknologi*, Vol. 13, NO. 1, 25-32.
- [6] Hero, Bambang Jane. 2016. Karakteristik *Stepped Leader* Petir Negatif dengan 75 Interval Preliminary Breakdown dan Return Stroke yang Singkat [Skripsi]. Padang: Jurusan Teknik Elektro Universitas Andalas.
- [7] Alexander, Okky Sexcio. 2015. Karakteristik Preliminary Breakdown Petir Terminologi Breakdown-Leader (BL) Sebelum Sambaran Negatif Pertama [Skripsi]. Padang: Jurusan Teknik Elektro Universitas Andalas.
- [8] Rachidi F and Rubinstein M. 4th *International COST Symposium on Lightning Physics and Effects*, Vienna, 2009.
- [9] V. Cooray, *The Lightning Flash*, 34th ed. British Library Cataloguing in Publication Data, 2008.
- [10] Marshall, T.etal., "*Lightning Initiation Observations In Mississippi*

*Thunderstorms*”, XVI International Conference on Atmospheric Electricity, Japan, 2018.

- [11] Sulistyanto, H. 2002. Efek Interferensi Medan Elektromagnetik terhadap Lingkungan. Jurnal Teknik Elektro Emitor, Vol. 2. No. 2.
- [12] Rakov, V.A. 1998. Some inferences on the propagation mechanisms of dart leaders and return strokes. *J Geophys Res* 103:1879–1887.
- [13] Uman, M.A. 1987. “The Lightning Discharge”. Academic. San Diego.
- [14] Clarence, N. D. and D. J. Malan. 1957. “Preliminary Discharge Processes in Lightning Flashes to Ground”. *Quarterly Journal of the Royal Meteorological Society*. 83: 161–172.
- [15] Anggrayni, Dian. 2017. Analisa Data Medan Listrik dan Durasi Badai Petir Hingga Sambaran Petir Jenis Cloud to Ground Negative [Skripsi]. Padang: Jurusan Teknik Elektro Universitas Andalas.
- [16] Qie, X dkk. 2002. “Some Features of Stepped and Dart-Stepped Leaders Near The Ground in Natural Negative Cloud-to-Ground Lightning Discharges”. *Annales Geophysicae*. 20: 863-870
- [17] Amin, M., Wahyuni ZI., Demon H. “perancangan perangkat lunak rekonstruksi citra 3 dimensi dari lembaran citra hasil rekonstruksi 2 dimensi”. BATAN. Volume 12, Nomor 2
- [18] Sidath Abegunawardana, J A P, Bodhika, Nanayakkara Sankha and Sonnadara Upul, 2016. “*Frequeny Analysis Of Thunder Features*” International Conference on Lightning Protection (ICLP), Estoril, Portugal