

## DAFTAR PUSTAKA

- [1] Louis E. Frenzel. *Principles of electronic communication systems*. McGraw-Hill, a business unit of The McGraw-Hill Companies, Inc, New York, NY, fourth edition edition, 2014.
- [2] Antti V. Raisanen dan Arto O. Lehto. “Radio engineering for wireless communication and sensor applications - book review”. *IEEE Electrical Insulation Magazine*, 20:65–65, 2004.
- [3] Christian Mahardhika, Mohamad Ramdhani dan Dwi Andi Nurmantris. “Perancangan dan implementasi stasiunradio pancar ulang portabel frekuensi vhf untuk bencana alam”. *eProceedings of Applied Science*, 1(2), 2015.
- [4] Sunarno. *Komunikasi Pribadi*. 27 Januari 2023.
- [5] Kasmad Ariansyah dkk. “Proyeksi pertumbuhan jumlah pelanggan radio trunking terrestrial dengan analisis runtun waktu”. *Buletin Pos dan Telekomunikasi*, 11(1):77–92, 2013.
- [6] Yourdan Yourdan dkk. “Evaluasi pemanfaatan infrastruktur perangkat monitor spektrum frekuensi radio di padang”. *Buletin Pos dan Telekomunikasi*, 11(4):293–306, 2013.
- [7] Aldi Rinaldi, Samuel Kristiyana dan Wiwik Handajadi. “Kendali Radio Repeater Komunikasi Dua Meter Band Menggunakan Sistem Telekontrol Dual Tone Multi-Frequency”. *AVITEC*, 3(2):157, August 2021. Diakses dari <https://ejournals.itda.ac.id/index.php/avitec/article/view/1043>.
- [8] Shreya Ghosh, Subhasree Konar, Soumen Ghosh, Tanumay Ghosh dan Suvojit Gope. “Dual tone multiple frequency based home automation system”. *International Journal of Engineering Research*, 4(10):542–544, 2015. Publisher: Citeseer.
- [9] Aayush Mittal, Akshana Dayal dan Ankit Patel. “DTMF Based Speed Control of DC Motor”. *International Journal of Innovative Science and Research Technology*, 3(4):450–452, April 2018.
- [10] Sri Kliwati. “Algoritma Deteksi Frekuensi DTMF Menggunakan Korelasi Silang untuk Telekomando Wahana Terbang”. *Jurnal Teknologi Dirgantara*, 14(1):1, March 2018. Diakses dari [http://jurnal.lapan.go.id/index.php/jurnal\\_tekgan/article/view/2942](http://jurnal.lapan.go.id/index.php/jurnal_tekgan/article/view/2942).
- [11] P. Wei, X. Li, Z. Liu dan J. Zhu. Design of intelligent control system of eight-way wireless remote control crane based on RF technology, September 2012. Journal Abbreviation: The 2012 International Conference on Advanced Mechatronic Systems.



- [12] Wahyu Widada. “Kontrol jarak jauh berbasis multi tone untuk sistem terminasi penerbangan roket (multi-tone based remote control for rocket flight termination system)”. *Jurnal Teknologi Dirgantara*, 12(2), 2014.
- [13] Firmansyah Firmansyah, Aries Boedi Setiawan dan Desiderius Minggu. “Sistem komunikasi rf (radio frekuensi) robot tempur dengan menggunakan enkripsi pada dtmf (dual tone multiple frequency)”. *MULTITEK INDONESIA*, 12(1):47–57, 2018.
- [14] Steven W. Ellingson. *Radio systems engineering*. Cambridge University Press, Cambridge, United Kingdom ; New York, NY, 2016.
- [15] Adrian W. Graham, Nicholas C. Kirkman dan Peter M. Paul. *Mobile radio network design in the VHF and UHF bands: a practical approach*. John Wiley, Chichester, West Sussex ; Hoboken, NJ, 2007. OCLC: ocm76909674.
- [16] Aftab Ahmad. *Data communication principles: for fixed and wireless networks*. Springer Science & Business Media, 2007.
- [17] Simon Haykin. *Communication systems*. John Wiley & Sons, 2008.
- [18] Rodger E Ziemer dan William H Tranter. *Principles of communications*. John Wiley & Sons, 2014.
- [19] Sunarno. “Sistem Komunikasi Darurat”. Kuliah, *Jaringan Komunikasi*, Jurusan Teknik Fisika, Universitas Gadjah Mada, Yogyakarta, 23 Maret 2021.
- [20] John K3NXU. *Baofeng UV-5R Series FAQ and specification*. Miklor, 2012. Diakses dari <https://www.miklor.com/UV5R/index.php>, 18 November 2022.
- [21] Neal S Widmer, Ronald J Tocci dkk. *Digital systems: Principles and applications*. Prentice Hall. Pearson Education International, 2007.
- [22] Behrouz A. Forouzan dan Sophia Chung Fegan. *Data communications and networking*. McGraw-Hill Forouzan networking series. McGraw-Hill Higher Education, New York, 4th ed edition, 2007. OCLC: ocm62878618.
- [23] Philip Milne. *Multilevel Signalling*. Diklat, Department of Electrical Engineering, Universty of Cape Town, Cape Town, South Africa, 2003.
- [24] Fuqin Xiong. *Digital Modulation Techniques, (Artech House Telecommunications Library)*. Artech House, Inc., 2006.
- [25] T. Aaron Gulliver dan S.H.C. Ting. Dual-tone mfsk for frequency-hopped spread-spectrum multiple access, 02 2001.
- [26] *General Recommendations on Telephone Switching and Signalling*. Laporan teknis Q.23, International Telecommunication Union., Geneva, Switzerland, 1988.



- [27] *CMOS Integrated DTMF Receiver*. Laporan teknis C1581000, California Micro Devices, California, USA, 2001.
- [28] *MT8870D/MT8870D-1 CMOS Datasheet*. Laporan teknis, Zarlink Semiconductor Inc., San Diego, CA, 2006.
- [29] Owen Bishop. *Remote control handbook*. Number 240 in BP. Babani, London, 1988.
- [30] U. S. Shah. *Microprocessor & Microcontroller*. Tech Max Publishing, Maharashtra State, India, 2006.
- [31] Ying Bai. *Practical microcontroller engineering with ARM technology*. John Wiley & Sons, 2015.
- [32] *Arduino Mega 2560 Datasheet*. Laporan teknis Revision 1, Arduino SRL, Turin, Italy, 2020.
- [33] *Arduino Uno R3 Datasheet*. Laporan teknis Revision 1, Arduino SRL, Turin, Italy, 2021.
- [34] Samuil Aleksandrovich Ginzburg, I Ya Lekhtman dan Vladimir Sergeevich Malov. *Fundamentals of Automation and Remote Control: International Series of Monographs in Automation and Automatic Control*, volume 7. Elsevier, 2013.
- [35] C. Kilian. *Modern Control Technology*. Cengage Learning, 2005. Diakses dari <https://books.google.co.id/books?id=pWJDPgAACAAJ>.
- [36] Makerfabs. *1 Channel Relay Module-10 A*. Makerfabs. Diakses dari <https://www.makerfabs.com/index.php>, 21 Desember 2022.
- [37] Satis Tronics. *16 Channel Relay Module Board with Optocoupler Protection LM2576 5V/12V*. Satis Tronics. Diakses dari <https://www.satistronics.com/shop/product/180073-16-channel-relay-module-board-with-optocoupler-protection>, 21 Desember 2022.
- [38] Arduino Forum. *16 Channel Hook Up to Arduino Uno*. Arduino. Diakses dari <https://forum.arduino.cc/t/16-channel-relay-hook-up-to-arduino-uno/351998/5>, 21 Desember 2022.

