















- [4] S. Mohammadi, A. Ghani, and S. H. Sedighy, "Direction-of-arrival estimation in conformal microstrip patch array antenna," *IEEE Trans. Antennas Propag.*, vol. 66, no. 1, pp. 511–515, 2017.
- [5] L. Osman, I. Sfar, and A. Gharsallah, "The application of high-resolution methods for DOA estimation using a linear antenna array," *Int. J. Microw. Wirel. Technol.*, vol. 7, no. 1, pp. 87–94, 2015.
- [6] B. P. Nxumalo, "Efficient method of estimating Direction of Arrival (DOA) in communications systems.," PhD Thesis, 2021.
- [7] H. Krim and M. Viberg, "Two decades of array signal processing research: the parametric approach," *IEEE Signal Process. Mag.*, vol. 13, no. 4, pp. 67–94, 1996.
- [8] M. V. Kraynyuk and O. K. Alsova, "Research of the synchronous spectral analysis method," in *2016 11th International Forum on Strategic Technology (IFOST)*, IEEE, 2016, pp. 449–450.
- [9] H. Wen, S. Guo, Z. Teng, F. Li, and Y. Yang, "Frequency estimation of distorted and noisy signals in power systems by FFT-based approach," *IEEE Trans. Power Syst.*, vol. 29, no. 2, pp. 765–774, 2013.
- [10] O. Martinez Manzanera, J. W. Elting, J. H. van der Hoeven, and N. M. Maurits, "Tremor detection using parametric and non-parametric spectral estimation methods: A comparison with clinical assessment," *PloS One*, vol. 11, no. 6, p. e0156822, 2016.
- [11] M. Behrendt, M. de Angelis, L. Comerford, Y. Zhang, and M. Beer, "Projecting interval uncertainty through the discrete Fourier transform: An application to time signals with poor precision," *Mech. Syst. Signal Process.*, vol. 172, p. 108920, 2022.
- [12] M. S. G. Jagtap and A. S. Kunte, "Improved Direction of Arrival Estimation using Multiple Signal Classification (MUSIC) Algorithm with Decomposition and Normalization," 2023.
- [13] Y. Liao, A. Abouzaid, and R. April, "Resolution Improvement for MUSIC and ROOT MUSIC Algorithms.," *J Inf Hiding Multim Signal Process*, vol. 6, no. 2, pp. 189–197, 2015.
- [14] P. Yadav and R. Mehra, "Power Spectrum Estimation for Narrowband and Broadband Applications using Subspace Method," *Int. J. Comput. Appl.*, vol. 130, no. 10, pp. 4–7, 2015.
- [15] B. Kim, J. Lee, S. Kim, and R. M. Narayanan, "MIMO Imaging Method with Extrapolation-Iterative Adaptive Approach-Based Super-Resolution Technique for Automotive Radar," in *2024 IEEE Radar Conference (RadarConf24)*, IEEE, 2024, pp. 1–6.
- [16] A. P. Anderson, "Microwave holography," *Proc. Inst. Electr. Eng.*, vol. 124, no. 11R, p. 946, 1977.
- [17] K. H. S. Marie, A. P. Anderson, and J. C. Bennett, "Digital in-line holographic techniques for long wavelength imaging," *IEE Proc. H Microw. Opt. Antennas*, vol. 129, no. 4, p. 211, 1982.
- [18] A. T. Qaba and M. F. Al-azo, "Improved resolution for separation between acoustical transmitters with their locations using Eigenvector algorithm," in *IOP Conference Series: Materials Science and Engineering*, IOP Publishing, 2021, p. 012029.
- [19] A. R. Kale, D. G. Ganage, and S. A. Wagh, "Subspace Based DOA Estimation Techniques." Volume, 2015.
- [20] X.-D. Zhang, *Modern signal processing*. Walter de Gruyter GmbH & Co KG, 2022.
- [21] S. Palani, *Principles of Digital Signal Processing: 2nd Edition*. Cham: Springer International Publishing, 2022.
- [22] J. G. Proakis, *Digital signal processing: principles, algorithms, and applications, 4/E*. Pearson Education India, 2007.
- [23] E. Kwizera, E. Mwangi, and D. Konditi, "Direction of arrival estimation based on MUSIC algorithm using uniform and non-uniform linear arrays," *Eva Kwizera Al Int J. Eng. Res. Appl.*, vol. 7, no. 3, pp. 51–58, 2017.
- [24] P. K. Eranti and B. D. Barkana, "An overview of direction-of-arrival estimation methods using adaptive directional time-frequency distributions," *Electronics*, vol. 11, no. 9, p. 1321, 2022.