

## DAFTAR PUSTAKA

- Bahri, M., 2022. Windowed linear canonical transform: its relation to windowed Fourier transform and uncertainty principles. *Journal of Inequalities and Applications*, 4(2022), 1-17.
- Bahri, M., Hitzer, E. S., Hayashi, A., and Ashino, R., 2008. An uncertainty principle for quaternion Fourier transform. *Computers and Mathematics with Applications*, 56(9), 2398-2410..
- Catană, V., 2011. Schatten–von Neumann norm inequalities for two-wavelet localization operators associated with  $\beta$ -Stockwell transforms. *Applicable Analysis*, 91(3), 503-515.
- Daubechies, I., 1992. *Ten Lectures on Wavelets*, SIAM.
- Djurovic, I., Sejdic, E., Jiang, J., 2008. Frequency-based window width optimization for S-transform. *AEU-Int. J. Electron. Commun*, 62(4), 245-250.
- Du, J., Wong, M. W., Zhu, H., 2007. Continuous and discrete inversion formulas for the Stockwell transform. *Integral Transforms Spec. Funct*, 18(8), 537-543.
- Gröchening, K. *Foundation of Time-Frequency Analysis*; Birkhäuser: Boston, MA, USA, 2001.
- Guanlei, X., Xiaotong, W., and Xiaogang, X., 2008. Fractional quaternion Fourier transform, convolution and correlation. *Signal Processing*, 88(10), 2511-2517.
- Guanlei, X., Xiaotong, W., and Xiaogang, X., 2009. Generalized entropic uncertainty principle on fractional Fourier transform. *Signal Processing*, 89(12), 2692-2697.
- Gunawan, H., 2017. *Analisis Fourier dan Wavalet*. Cetakan Pertama. FMIPA ITB, Bandung.

- Guo, Q., Molahajloo, S., and Wong, M. W. (2009). Modified Stockwell transforms and time-frequency analysis. *New Developments in Pseudo-Differential Operators: ISAAC Group in Pseudo-Differential Operators (IGPDO)*, 275-285.
- Guo, Q., Molahajloo, S., Wong, M. W., 2010. Phases of modified Stockwell transforms and instantaneous frequencies. *J. Math. Phys.*, 51(5).
- Kadir., 2016. Fungsi Peubah Kompleks. Cetakan Pertama. UIN Jakarta Press, Jakarta.
- Li, H. F., Wang, J., Wei, Z. R., and Yang, F. L. (2020). High-frequency compensation for seismic data based on adaptive generalized S transform. *Applied Geophysics*, 17(5), 747-755.
- Ozawa, M., 2005. Universal uncertainty principle in the measurement operator formalism. *Journal of Optics B: Quantum and Semiclassical Optics*, 7(12), S672.
- Namias, V., 1980. The fractional order Fourier transform and its application to quantum mechanics, *IMA J. Appl. Math.*, 25(3), 241-265.
- Pilipovic, S., and Vuletic, M., 2006. Characterization of wave front sets by wavelet transforms. *Tohoku Math J. Second Series*, 58(3), 369-391.
- Pratiwi, D. A., Rizal, A., and Magdalena, R., 2020. Klasifikasi sinyal elektrokardiogram menggunakan Stockwell transforms dan K-nearest neighbor. *AITI*, 17(1), 22-32.
- Peetre, J., 1969. On the theory of  $L_p, \lambda$  spaces. *Journal of Functional Analysis*, 4(1), 71-87.
- Rahmah, S., 2022. Prinsip Ketidakpastian Heisenberg pada Transformasi Fourier. Skripsi. FMIPA Unhas: Makassar.
- Riba, L., Piro, S., Battisti, U., Sambuelli, L., 2015. On the application of the Stockwell transform to GPR data analysis. International Workshop on Advanced Ground Penetrating Radar (IWAGPR), 1-4.
- Riba, L., Wong, M. W., 2013. Continuous inversion formulas for multi-dimensional Stockwell transforms. *Math. Model. Nat. Phenom*, 8(1), 215-229.

- Rusdin, Bahri, M., and Haryanto, L., 2013. Fourier Transform and Their Properties in  $L^1(\mathbb{R})$  and  $L^2(\mathbb{R})$ . *Bagian Matematika Terapan, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Hasanuddin.*
- Sharma, V. D., 2013. Modulation and Parsvels theorem for generalized fractional fourier transform. *Engineering Research and Applications*, 3, 2248-9622.
- Stockwell, R. G., Mansinha, L., and Lowe, R. P., 1996. Localization of the complex spectrum: The S transform. *IEEE Transactions on Signal Processing*, 44(4), 998-1001.
- Topan A., 2023. Prinsip Ketidakpastian Heisenberg pada Transformasi Fourier Fraksional Coupled. Thesis. FMIPA Unhas: Makassar.
- Wang, X., and Zheng, S., 2024. Tighter uncertainty principles associated with the non-isotropic angular Stockwell transform. *Circuits, Systems, and Signal Processing*, 1-22.
- Wang, Y., 2011. Efficient Stockwell with Applications to Image Processing. Thesis. University of Waterloo: Canada.
- Wong, M. W., Zhu, H., Wong, M. W., and Zhu, H., 2007. A characterization of Stockwell spectra. *Modern Trends in Pseudo-Differential Operators*, 251-257.
- Zhang, H., Wu, X., He, B., and Guo, M., 2023. Time-synchroextracting of generalized S-transform and its application in fault identification. *Journal of Applied Geophysics*, 216, 105147.
- Zhang, S., Li, P., Zhang, L., Li, H., Jiang, W., and Hu, Y., 2016. Modified S transform and ELM algorithms and their applications in power quality analysis. *Neurocomputing*, 185, 231-241.
- Zulfajar., 2013. Teorema Konvolusi untuk Transformasi Fourier dan Transformasi Kanonik Linear. Skripsi. FMIPA Unhas: Makassar.