

DAFTAR PUSTAKA

- Agency for Toxic Substances and Disease Registry. (2016). *What is Cancer?.* 12 September 2016. Atlanta: US Department of Health and Human Services.
- Barua, A., Mudunuri, L.S., & Kosheleva, O. (2014). Why Trapezoidal and Triangular Membership Function Work So Well: Towards Theoretical Explanation. *Journal of Uncertain Systems*, Vol. 8.
- Bovik, Al. (2000). *Handbook of Image & Video Processing*. Austin: Academic Press.
- Bronstein, M. & Bronstein, A. (2001). Signal & Image Denoising Using Constrained Optimization. <<http://www.stat.wisc.edu/~mchung/teaching/MIA/reading/diffusion.edge.preserving.pdf>>
- Bruce, A. & Gao, H. (1996). *Applied Wavelet Analysis with S-PLUS*. New York: Springer.
- Burrus, C.S., Gopinath, R., A., & Guo, H. (1998). *Introduction to Wavelets and Wavelet Transforms*. Upper Saddle River : Prentice Hall.
- Daubechies, I. (1992). Ten Lectures of Wavelets. *CBMS-NSF Regional Conference Series in Applied Mathematics, vol. 61* . Philadelphia: Society for Industrial and Applied Mathematics (SIAM).
- Fausett, L. (1994). *Fundamentals of Neural Network (Archetectures, Algorithms, and Applications)*. New-Jersey: Prentice-Hall.
- Global Bioscience. (2013). *Bagaimana Kanker Paru Ditemukan?.* 12 September 2016. <<http://www.cancerhelps.com>>
- Gorgel, P., Sertbas, A., & Ucan, O. (2012). A Fuzzy Inference System Combined with Wavelet Transform for Breast Mass Classification. *35th International Conference on Telecommunications and Signal Processing*.
- Hanke, J.E. & Wichern, D.W. (2005). *Bussiness Forecasting, 8th Edition*. Upper Saddle River. New Jersey:Prentice Hall.
- Harralick, R.M., Shanmugam, K. & Dinstein, I. (1973). Textural Feature for Image Classification. *IEEE Transaction on System, Man and Cybernetics*. Vol. 3. No. 6.
- Haykin, S. (1999). *Neural Networks & Comprehensive foundation*. New York: Prentice Hall.

- Hemalatha, N. (2014). Image Denoising and Deblurring Using Non-Local Means Algorithm in Monochrome Images. *International Journal of Engineering Research and General Science*, Vol.2, Issue 2.
- Hubble. (2016). *Introduction to Image Processing*. 1 November 2016. <https://www.spacetelescope.org/static/projects/fits_liberator/image_processing.pdf>
- Hussain., M., Ansari, T., Gawas, P. & Chowdurry, N. (2015). Lung Cancer Detection Using Artificial Neural Network & Fuzzy Clustering Methods. *International Journal of Advanced Research in Computer and Communication Engineering*, Vol. 4, Issue 3.
- Ibrahim, A.M. (2004). *Fuzzy Logic for Embedded Systems Applications*. Elsevier Science.
- Jain, Y.K. & Jain, M. (2012). Skin Cancer Detection and Classification using Wavelet Transform and Probabilistic Neural Network. *Fourth International Conference on Advances in Recent Technologies in Communication and Computing*.
- Japanese Society of Radiology Technology. (1997). *Digital Image Database*. 12 September 2016. < <http://www.jsrt.or.jp>>.
- Khalil, R.A. & Al-Kazzaz, S. (2009). Digital Hardware Implementation of Artificial Neurons Models using FPGA. *Al-Rafidain Engineering*, Vol. 17, No. 2.
- Kusumadewi, S. & Hartati, S. (2010). *Neuro-Fuzzy: Integrasi Sistem Fuzzy & Jaringan Syaraf*. Penerbit Graha Ilmu : Yogyakarta
- Li, H., Chen, P.C.L., & Huang, H. (2001). *Fuzzy Neural Intelligent Systems*. New York: CRC Press.
- Lin, C.T. & Lee, G. (1996). *Neuro Fuzzy Systems*. New Jersey: Prentice-Hall.
- Lord, R.S. (2008). *Laboratory Evaluations for Integrative and Functional Medicine (2nd Edition)*. Duluth: Metamatrix Institute.
- Miah, M. & Yousuf, M.A. (2015). Detection of Lung Cancer from CT Image Using Image Processing and Neural Network. *2nd Int'l Conf. on Electrical Engineering and Information & Communication Technology (ICEEICT)*.
- MathWorks. (1999). *Fuzzy Logic Toolbox for Use with Matlab (User's Guide Version 2)*. Natick: The MathWorks, Inc.
- Nason, G. P. (2008). *Wavelet Methods in Statistics with R*. Bristol: Springer.

- National Cancer Institute. (2016). *SEER Cancer Statistics Review 1975-2013*. 13 September 2016. <http://seer.cancer.gov/csr/1975_2013/results_merged/sect_15_lung_bronchus.pdf>
- Nurtiyasari, D. (2014). Aplikasi Model Recurrent Neural Network dan Recurrent Neuro Fuzzy untuk Klasifikasi Nodul Kanker Paru. *Skripsi*, FMIPA UNY, Yogyakarta.
- Ogden, R. T. (1965). *Essential Wavelets for Statistical Applications and Data Analysis*. Columbia: University of South Carolina.
- Osborn, C.E. (2006). *Statistical Applications for Health Information Management (Second Edition)*. Missisauga: Jones and Bartlett Publisher, Inc.
- Perhimpunan Dokter Paru Indonesia. (2003). *Kanker Paru : Pedoman Diagnosis dan Penatalaksanaan di Indonesia*. Jakarta: Perhimpunan Dokter Paru Indonesia.
- Putra, D. (2010). *Pengolahan Citra Digital*. Yogyakarta : Andi Offset.
- Rangarajan, R., et al. (2002). *Image Denoising Using Wavelets*. <http://www-personal.umich.edu/~rvenkata/551_code/Report.pdf>
- Ross, T. J. (2010). *Fuzzy Logic with Engineering Applications (3 ed.)*. Chichester: John Wiley & Sons Inc.
- Sarle, W.S. (1994). Neural Networks and Statistical Models. *Proceedings of the Nineteenth Annual SAS Users Group International Conference*.
- Saphiro, L. & Stockman, G. (2002). *A New Computer Vision Textbook*. 1 November 2016. <<https://courses.cs.washington.edu/courses/cse576/99sp/book.html>>
- Scottish Intercollegiate Guidelines Network. (2007). *Lung Cancer*. Edinburgh: SIGN.
- Sianipar, H.S. (2013). *Matlab untuk Pemrosesan Citra Digital*. Informatika: Bandung.
- Siang. (2005). *Jaringan Syaraf Tiruan dan Pemrogramannya Menggunakan Matlab*. Yogyakarta : Penerbit Andi.
- Spitalnic, S. (2004). *Test properties I: Sensitivity, Specificity, and Predictive Values*. Wayne: Turner White Communications Inc.
- Suyanto, S. M. (2008). *Soft Computing Membangun Mesin Ber-IQ Tinggi*. Bandung: Informatika.

- Tariq, A., Akram, M.U, & Javed. M.Y. (2013). Lung Nodule Detection in CT Image using Neuro Fuzzy Classifier. *Fourth International Workshop on Computational Intelligence in Medical Imaging*.
- Udeshani, K.A.G., Meegans, R.G.N., & Fernando, T.G.I. (2011). Statistical Feature-based Neural Network Approach for the Detection of Lung Cancer in Chest X-Ray Images. *International Journal of Image Processing (IJIP)*, Vol. 5.
- Varalakshmi K. (2013). Classification of Lung Cancer Nodules using a Hybrid Approach. *Journal of Emerging Trends in Computing and Information Sciences*. Vol. 4, No. 1. Department of Computer Science and Engineering SRM University.
- Viterbi School of Engineering. (1981). *The USC-SIPI Image Database*. 12 September 2016. <<http://sipi.usc.edu>>.
- Walker, J.S. (2008). *A Primer on Wavelets and their Scientific Applications*. Boca Raton: Chapman & Hall (CRC).
- Wang, L. (1997). *A Course in Fuzzy Systems and Control*. New Jersey: Prentice Hall International, Inc.
- Wicaksono, F. (2009). *Apa itu Foto udara?*. Yogyakarta : Badan Perpustakaan dan Arsip Daerah Provinsi DIY.
- World Health Organization. (2014). *World Cancer Report*. Lyon: WHO Press.
- Yeung, D.S. *et al.* (2010). *Sensitivity Analysis for Neural Network*. Berlin: Springer.
- Zadeh, L.A. (1996). *Fuzzy Sets and Information Granularity, from Advances in fuzzy Systems-Applications Theory Vol.16. Fuzzy Sets, Fuzzy Logic and Fuzzy Systems. Selected Papers by Lotfi A. Zadeh*. Amsterdam: World Scientific.
- Zimmermann. (1991). *Fuzzy Sets Theory and Its Applications* (2 ed.). Massachusetts: Kluwer Academic Publishers.