

DAFTAR PUSTAKA

- Agung Radistya Putra. (2012). Klasifikasi Kanker Usus Besar Berbasis Pengolahan Citra Digital Dengan Metode JST Backpropogation. *Skripsi Institut Teknologi Telkom Bandung*.
- American Cancer Society. (2014). *Colorectal Cancer Facts & Figures 2014-2016*. Diakses dari <http://www.cancer.org/acs/groups/content/documents/document/acspc-042280.pdf> pada 15 April 2015 pukul 11.50
- Anami, B.S. & Burkpalli, V.C. (2009). Texture based Identification and Classification of Bulk Sugary Food Object. *ICGST-GVIP Journal, ISSN: 1687-398X*, Vol. 9, Hlm. 9-14.
- Andrew. D.B. (2002). *Radial Basis Function*. Handbook of Neural Network Signal Processing. Edited by Yu Hen Hu, Jeng-Neng Hwang.
- Arif Hermawan. (2006). *Jaringan Syaraf Tiruan (Teori dan Aplikasi)*. Yogyakarta: Andi.
- Asril Zahari. (2011). Deteksi Dini, Diagnosa, dan Penatalaksanaan Kanker Kolon dan Rektum. Padang : *Repository Universitas Andalas*.
- Bishop, C.M. (1995). *Neural Networks of Pattern Recognition*. Birmingham : Clarendon Press Oxford.
- Bostean, G., Crespi, C. M., Mc Carthy, W. J. (2013). Associations among Family History of Cancer, Cancer Screening and Lifestyle Behaviors: A Population-Based Study. *Cancer Causes Control*, Vol. 24, No.8. Hlm. 1491-1503.
- Brodjol Sutijo. (2008). Jaringan Syaraf Tiruan Fungsi Radial Basis untuk Pemodelan Data Runtun Waktu. *Disertasi Universitas Gadjah Mada*.
- Center, M., *et al.* (2009). Worldwide Variation in Colorectal Cancer. *CA Cancer J Clin*, Vol.59, Hlm. 366-378.
- Chen, S., Cowan, C. F. N., & Grant, P. M. (1991). Orthogonal Least Squares Learning Algorithm for Radial Basis Function Networks. *IEEE Transaction on Neural Networks*, Vol. 2, No. 2, Hlm. 302-309.
- Fausett, L. (1994). *Fundamentals of Neural Network: Archetecures, Algoruthms, and Applications*. Upper Saddle River, New-Jersey: Prentice-Hall.

- Gadkari, D. (2004). *Image Quality Analysis Using GLCM*. Orlando: University of Central Florida.
- Guntau, J. *Endoskopie Atlas*. Hamburg, Jerman: Albertinen-Krankenhaus. Diakses dari http://endoskopiebilder.de/kolon_normalbefunde.html pada tanggal 21 Maret 2013 pukul 17.00 WIB.
- Gontar Alamsyah Siregar. (2007). Deteksi Dini dan Penatalaksanaan Kanker Usus Besar. Medan : *Repository Universitas Sumatera Utara*.
- Gonzales, R.C. & Woods, R.E. (2002). *Digital Image Processing: Second Edition*. Upper Saddle River, New Jersey: Prentice Hall.
- Haggar, F.A. & Boushey, R.P. (2009). Colorectal Cancer Epidemiology. *Clinics in Colon and Rectal Surgery*, Vol. 22, No. 4, Hlm 191-197.
- Hansen, R.D., *et al.* (2013). Effects of Smoking and Antioxidant Micronutrients on Risk of Colorectal Cancer. *Clin Gasterol Hepatol*, Vol. 11, No. 4, Hlm. 406-415.
- Haralick, R.M., Shanmugam, K. & Dinstein, I. (1973). Textural Features for Image Classification. *IEEE Transaction on System, Man and Cybernetics*, Vol. 3, Hlm. 610-621.
- Hayat, M.A. (2009). *Method of Cancer Diagnosis, Therapy, and Prognosis : Colorectal Cancer*. New Jersey : Springer.
- Hota, H.S., Shrivastava, A.K., & Singhai, S.K. (2013). Artificial Neural Network, Decision Tree and Statistical Techniques Applied for Designing and Developing E-mail Classifier. *International Journal of Recent Technology and Engineering (IJRTE)*, Vol. 1, Issue 6.
- International Agency for Research on Cancer. (2014). *World Cancer Factsheet*. Diakses dari http://publications.cancerresearchuk.org/downloads/product/CS_REPORT_WORLD.pdf pada 11 Februari 2015 pukul 14.15 WIB
- Johnson R.A. & Winchurn D.W. (2007). *Applied Multivariate Statistical Analysis, 6th ed.* Upper Saddle River, New Jersey : Pearson.
- Khalil, R.A. & Al-Kazzaz, S.A. (2009). Digital Hardware Implementation of Artificial Neurons Models Using FPGA. *Al-Rafidain Engineering*, Vol. 17, No.2, Hlm. 12-24.
- Kim, Kyung-Joong & Cho, Sung-Bae. (2003). Prediction of Colon Cancer Using an Evolutionary Neural Network. *Journal from Elsevier*.

- Kriesel, D. (2005). *A Brief Introduction to Neural Networks*. Germany : University of Bonn.
- Lin, C.-T. & Lee, G. (1996). *Neuro Fuzzy Systems*. Upper Saddle River, New Jersey: Prentice-Hall.
- Meyerhardt, J.A., *et al.* (2006). Physical Activity and Survival After Colorectal Cancer Diagnosis. *Journal of Clinical Oncology*, Vol. 2, No. 22, Hlm. 3527-3534.
- Mohanaiah, P., Sathyanarana, P. & Guru Kumar, L. (2013). Image Texture Feature Extraction Using GLCM Approach. *International Journal of Scientific and Research Publications*, Vol. 3, Hlm. 1-5.
- Monghaddam, A.A., Woodward, M., Huxley, R. (2007). Obesity and Risk of Colorectal Cancer : A Meta Analysis of 31 Studies with 70.000 Events. *Cancer Epidemiology Biomarkers Prev.*, Vol. 16, No. 12, Hlm. 2533-2547.
- Munir, R. (2004). *Pengolahan Citra Digital dengan Pendekatan Algoritmik, Informatika*. Bandung. Diakses dari : http://informatika.stei.itb.ac.id/~rinaldi.munir/Buku/Pengolahan%20Citra%20Digital/Bab-1_Pengantar%20Pengolahan%20Citra.pdf pada 12 April 2015 pukul 15.45 WIB.
- Murra-Saca, J. *Vision and Image Analysis Group*. El Savador: Cornell University. Diakses dari <http://www.gastrointestinalatlas.com/English/> pada tanggal 21 Maret 2013 pukul 16.10 WIB.
- National Cancer Institute. (2006). *Cancer of the Colon and Rectum*. Diakses dari <http://www.cancer.gov/cancertopics/types/colon-and-rectal> pada 12 Februari 2015 pukul 11.35 WIB.
- Nikite Sulistiyana. (2014). Klasifikasi Kanker Usus BEsar Berbasis Pengolahan Citra Digital dengan Metode Radial Basis Function (RBF). *Skripsi Universitas Gadjah Mada*.
- Nwoye, E., Khor, L.C., Dlay, S.S., & Woo, W.L. (2005). Spectral and Statistical Features in Fuzzy Neural Expert Machine for Colorectal Adenomas and Adenocarcinoma Classification. *Proceeding of SPIE Conference*.
- Orr, M. J. L. (1996). *Introduction to Radial Basis Function Networks*. Edinburgh: University of Edinburgh.
- Palit, A.K., & Popavic, D. (2005). *Computational Intelligence in Time Series Forecasting*. Glasgow: Springer.

- Reni Setianingrum. (2014). Klasifikasi Stadium Kanker Kolorektal Menggunakan Model Reccurent Neural Network. *Skripsi Universitas Negeri Yogyakarta*.
- Rockey, D.C., Paulson, E., Niedwiecki, D. (2005). Colonoscopy Detected Colon Polyps Better than Air Contrast Barium Enema or Computed Tomographick Colonography. *Lencet*, Vol. 365, Hlm. 305-311.
- Sarle, W.S. (1994). Neural Networks and Statistical Models. *Proceeding of the Nineteenth Annual SAS Users Group International Conference*.
- Sharma, M. & Mukharjee, S. (2014). Fuzzy C-Means, ANFIS, and Genetic Algorithm for Segmenting Astroctyoma-A Tybe of Brain Tumor. *IAES International Journal of Artificial Intelligence*, Vol. 3, Hlm. 16-23.
- Shuttleworth, J.K., Todman, A.G., dan Newman, B.M. (2002). Colour Texture Analysis Using Co-occurrence Matrices for Classification of Colon Cancer Images. *Proceeding Canadian Conference on Electrical and Computer Engineering*, Vol. 2, Hlm. 1134-1139.
- Siang, J.J. (2009). *Jaringan Syaraf Tiruan dan Pemrogramannya Menggunakan Matlab*. Yogyakarta: Andi.
- Silvio, D. & Claudio, F. (2011). Ulcerative Colitis. *N Eng J Med*, Vol. 365, Hlm. 1713-1725.
- Sinta Deni Ariati. (2014). Klasidikasi Stadium Kanker Kolorektal Menggunakan Model Neuro Fuzzy Berbasis Graphical User Interface (GUI). *Skripsi Universitas Negeri Yogyakarta*.
- Sri Kusumadewi & Sri Hartati. 2006. *Neuro-Fuzzy: Integrasi Sistem Fuzzy & Jaringan Syaraf*. Yogyakarta : Graha Ilmu.
- Soh, L.K. & Tsatsoulis, C. (1999). Texture Analysis of SAR Sea Ice Imagery Using Gray Level Co-Occurence Matrices. *IEEE Transactions On Geoscience and Remote Sensing*, Vol. 37, No. 2, Hlm. 780-795.
- Spitalnic, S. (2004). *Test properties I: Sensitivity, Specificity, and Predictive Values*. Wayne: Turner White Communications Inc.
- Suyanto. (2008). *Soft Computing Membangun Mesin Ber-IQ Tinggi*. Bandung: Informatika.
- Tatsuo A., *et al.* (2006). Study of Interleukin-6 in the Spread of Colorectal Cancer: The Diagnostic Significance of IL-6. *Acta Med*, Vol. 60, Hlm. 325-330.

- Usman Ahmad. (2005). *Pengolahan Citra Digital & Teknik Pemrogramannya. Edisi I*. Yogyakarta : Graha Ilmu.
- Vieira, J.A.B., *et al.* (2003). Neuro-Fuzzy Systems : A Survey. *Intelligent Components and Instruments for Control Applications*. Elsevier Science.
- Walpole, R.E. (1992). *Pengantar Statistika*. Jakarta: Gramedia Pustaka Utama.
- Wei, *et al.* (2011). Forecasting Stock Indices Using Radial Basis Function Neural Network Optimized By Artificial Fish Swarm Algorithm. *Knowledge Based System*, Vol. 24, Hlm. 378-385.
- Yeung, D.S., *et al.* (2010). *Sensitivity Analysis for Neural Network*. Berlin: Springer.
- Yildiray, T & Ozan, T. (2013). Comparison of High-Volume Instrument and Advanced Fiber Information System Based on Prediction Performance of Yarn Properties using a Radial Basis Function Neural Network. *Textile Research*. Vol. 83, Hlm. 130-147.
- Zhu, W., Zeng, N., & Wang, N. (2010). Sensitivity, Specificity, Accuracy, Associated Confidence Interval and ROC Analysis with Practical SAS Implementastion. *Health Care and Life Science*, NESUG (SAS Global Forum).