

DAFTAR PUSTAKA

- [1] G. Rozenberg. *Microscopic Haematology_ A Practical Guide for the Laboratory*. Churchill Livingstone, 2011.
- [2] PDQ Pediatric Treatment Editorial Board. ‘Childhood Acute Lymphoblastic Leukemia Treatment (PDQ®): Patient Version’. *PDQ Cancer Information Summaries*, 2002. [Online]. Available: <http://www.ncbi.nlm.nih.gov/pubmed/26389385>. [Accessed: 25-Feb-2019].
- [3] H. Berger, P. Dietmar, Engelhardt, Monika, Henß. *Concise Manual of Hematology and Oncology*. Springer, 2008.
- [4] J. M. Bennett *et al.* ‘Proposals for the Classification of the Acute Leukaemias French-American-British (FAB) Co-operative Group’. *Br. J. Haematol.*, vol. 33, no. 4, pp. 451–458, 1976.
- [5] A. L. Leukemia. ‘Tests for Acute Lymphocytic Leukemia (ALL) Tests used to diagnose and classify ALL’. 2019. [Online]. Available: <https://www.cancer.org/cancer/acute-lymphocytic-leukemia/detection-diagnosis-staging/how-diagnosed.html>. [Accessed: 25-Feb-2019].
- [6] S. Mohapatra. ‘Automated Cell Nucleus Segmentation and Acute Leukemia Detection in Blood Microscopic Images’. 2010.
- [7] V. N. Vapnik. ‘The Nature Of Statistical Learning-Springer. 2010.
- [8] B. Janssen. ‘Support Vector Machines for Binary Classification and its Applications’. 2016. [Online]. Available: <https://ww2.mathworks.cn/help/stats/support-vector-machines-for-binary-classification.html>. [Accessed: 04-Apr-2019].
- [9] M. M. Amin, S. Kermani, A. Talebi, and M. G. Oghli. ‘Recognition of acute lymphoblastic leukemia cells in microscopic images using k-means clustering and support vector machine classifier’. *J. Med. Signals Sens.*, vol. 5, no. 1, pp. 49–58, 2019.
- [10] P. Mirmohammadi, A. Rasooli, M. Ashtiyani, M. M. Amin, and M. R. Deevband. ‘Automatic recognition of acute lymphoblastic leukemia using multi-SVM classifier’. *Curr. Sci.*, vol. 115, no. 8, pp. 1512–1518, 2018.
- [11] G. Ongun, U. Halici, K. Leblebicioglu, V. Atalay, M. Beksad, and S. Beksad. ‘An automated differential blood count system’. 2001.
- [12] D. M. Ushizima, A. C. Lorena, and A. C. P. L. F. De Carvalho. ‘Support vector machines applied to white blood cell recognition’. *Proc. - HIS 2005 Fifth Int. Conf. Hybrid Intell. Syst.*, vol. 2005, pp. 379–384, 2005.

- [13] T. Markiewicz, S. Osowski, and B. Mariańska. 'White Blood Cell Automatic Counting System Based on Support Vector Machine'. *Adapt. Nat. Comput. Algorithms*, pp. 318–326, 2007.
- [14] S. H. Rezatofghi and H. Soltanian-Zadeh. 'Automatic recognition of five types of white blood cells in peripheral blood'. *Comput. Med. Imaging Graph.*, vol. 35, no. 4, pp. 333–343, 2011.
- [15] J. Laosai and K. Chamnongthai. 'Acute leukemia classification by using SVM and K-Means clustering'. *2014 Int. Electr. Eng. Congr. iEECON 2014*, pp. 1–4, 2014.
- [16] L. Irma, 'Penerapan support vector machine pada penggolongan sel darah putih'. Skripsi, Jurusan Teknik Fisika, Departemen Teknik Nuklir dan Teknik Fisika, Universitas Gadjah Mada, 2016.
- [17] M. Yusuf 'Klasifikasi sel darah putih menggunakan support vector machine dengan variasi parameter pada kernel *linear* dan *rbf*'. Skripsi, Jurusan Teknik Fisika, Departemen Teknik Nuklir dan Teknik Fisika, Universitas Gadjah Mada, 2019.
- [18] Hsu, C.W., C.C. Chang, and C.J. Len. 'A practical guide to support vector classification'. National Taiwan University, Taipei 106, Taiwan, 2000.
- [19] Christianini, N., and J.S. Taylor. 'An introduction to support vector machine and other kernel-based learning method'. Cambridge University Press, 2014.
- [20] A. Zisserman. 'C4B Machine Learning Lectures Hilary 2011 Lecture 2 : The SVM classifier'. *Mach. Learn.*, 2011.
- [21] Available: <https://www.teresewinslow.com/>. [Accessed: 25-Jun-2019].
- [22] Available: <https://www.hackerearth.com/blog/developers/simple-tutorial-svm-parameter-tuning-python-r/> [Accessed: 25-Jun-2019].
- [23] Availabel: https://www.researchgate.net/figure/K-fold-cross-validation-In-addition-we-outline-an-overview-of-the-different-metrics-used_fig2_326866871. [Accessed: 25-Jun-2019].
- [24] Abbas, K., V. Chandran, J. Banks, and I.T. Reyes. 'Classification of white blood cell types from microscope image: techniques and challenge'. 2018.
- [25] Zheng, Z. 'Oversampling method for imbalanced classification', computing and information vol : 34, 2015.
- [26] Dornland . 'Dorland's pocket medical dictionary 29th edition'. Elsevier, 2012.
- [27] Eroschenko, V. P. 'Di'Fiore atlas of histology with functional correlations'. Lippincott Williams & Wilkins, 2008.

- [28] Greer, J.P. 'Wintrobe's clinical hematology'. Lippincott Williams & Wilkins, 2008.
- [29] Bakta, I.M. 'Hematologi klinik ringkas'. Jakarta: Penerbit Buku Kedokteran, 2007.
- [30] Yuchun T., Y.Q. Zhang, N.V. Chawla, S. Krasser. 'SVMs Modeling for Highly Imbalanced Data'. 2008.
- [31] Wu, G., and Edward. 'KBA: Kernel Boundary Alignment Considering Imbalanced Data Distribution'. 2005.
- [32] Akbani, R., S. Kwek, N. Japkowicz. 'Applying Support Vector Machines to Imbalanced Datasets. 2004.