

Daftar Pustaka

- [1] George S Almasi and Allan Gottlieb. Highly parallel computing. 1988.
- [2] Myrna LaFleur Brooks. Exploring medical language: A student-directed approach, 7e. 2005.
- [3] Jianguo Chen, Kenli Li, Kashif Bilal, Xu Zhou, Keqin Li, and Philip Yu. A bi-layered parallel training architecture for large-scale convolutional neural networks. *IEEE transactions on parallel and distributed systems*, 2018.
- [4] Dan Claudiu Cireșan, Ueli Meier, Jonathan Masci, Luca Maria Gambardella, and Jürgen Schmidhuber. Flexible, high performance convolutional neural networks for image classification. In *Twenty-Second International Joint Conference on Artificial Intelligence*, 2011.
- [5] Damir Demirović, Emir Skejić, and Amira Šerifović-Trbalić. Performance of some image processing algorithms in tensorflow. In *2018 25th International Conference on Systems, Signals and Image Processing (IWSSIP)*, pages 1–4. IEEE, 2018.
- [6] Jianwei Gao, Lianru Gao, Xu Sun, Yuanfeng Wu, and Bing Zhang. Gpu implementation of ant colony optimization algorithm for endmember extraction from hyperspectral image. In *2012 4th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing (WHISPERS)*, pages 1–4. IEEE, 2012.
- [7] Merl James Macawile, Vonn Vincent Quiñones, Alejandro Ballado, Jennifer Dela Cruz, and Meo Vincent Caya. White blood cell classification and counting using convolutional neural network. In *2018 3rd International Conference on Control and Robotics Engineering (ICCRE)*, pages 259–263. IEEE, 2018.
- [8] Charles E Metz. Basic principles of roc analysis. In *Seminars in nuclear medicine*, volume 8, pages 283–298. Elsevier, 1978.
- [9] Seonwoo Min, Byunghan Lee, and Sungroh Yoon. Deep learning in bioinformatics. *Briefings in bioinformatics*, 18(5):851–869, 2017.

- [10] Gordon Moore. Moore's law. *Electronics Magazine*, 38(8):114, 1965.
- [11] Filip Novoselnik, Ratko Grbić, Irena Galić, and Filip Dorić. Automatic white blood cell detection and identification using convolutional neural network. In *2018 International Conference on Smart Systems and Technologies (SST)*, pages 163–167. IEEE, 2018.
- [12] Abdul Wahab Qurashi and Violeta Holmes. Comparison of deep neural network approach in text and image classification using cpu and gpu systems. 04 2019.
- [13] Tsalis Rosyadi, Agus Arif, Balza Achmad, et al. Classification of leukocyte images using k-means clustering based on geometry features. In *2016 6th International Annual Engineering Seminar (InAES)*, pages 245–249. IEEE, 2016.
- [14] Riyanto Sigit, Mochamad Mobed Bachtiar, and Moh Irsyadul Fikri. Identification of leukemia diseases based on microscopic human blood cells using image processing. In *2018 International Conference on Applied Engineering (ICAE)*, pages 1–5. IEEE, 2018.
- [15] George Valentin Stoica, Radu Dogaru, and Elena Cristina Stoica. Speeding-up image processing in reaction-diffusion cellular neural networks using cuda-enabled gpu platforms. In *Proceedings of the 2014 6th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)*, pages 39–42. IEEE, 2014.
- [16] KV Sai Sundar, Lokeshwar Rao Bonta, Pallav Kumar Baruah, S Siva Sankara, et al. Evaluating training time of inception-v3 and resnet-50,101 models using tensorflow across cpu and gpu. In *2018 Second International Conference on Electronics, Communication and Aerospace Technology (ICECA)*, pages 1964–1968. IEEE, 2018.
- [17] Nan Zhao and Xinqi Zheng. Multi-band blending of aerial images using gpu acceleration. In *2017 10th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics (CISP-BMEI)*, pages 1–5. IEEE, 2017.
- [18] Junhao Zhou, Weibin Chen, Guishen Peng, Hong Xiao, Hao Wang, and Zhigang Chen. Parallelizing convolutional neural network for the handwriting recognition problems with different architectures. In *2017 International Conference on Progress in Informatics and Computing (PIC)*, pages 71–76. IEEE, 2017.