

DAFTAR PUSTAKA

KEMENDIKBUD,

<https://www.gatra.com/detail/news/453145/milenial/kemendikbud-bahasa-di-indonesia-ada-718-ragam> diakses pada tanggal 29 April 2021.

- Abadi, M., Barham, P., Chen, J., Chen, Z., Davis, A., Dean, J., Devin, M., Ghemawat, S., Irving, G., Isard, M., Kudlur, M., Levenberg, J., Monga, R., Moore, S., Murray, D. G., Steiner, B., Tucker, P., Vasudevan, V., Warden, P., ... Zheng, X. (2016). TensorFlow: A system for large-scale machine learning. *Proceedings of the 12th USENIX Symposium on Operating Systems Design and Implementation, OSDI 2016*, 265–283.
<https://doi.org/10.5555/3026877.3026899>
- Abidin, Z. (2018). Translation of Sentence Lampung-Indonesian Languages with Neural Machine Translation Attention Based Approach. *Inovasi Pembangunan : Jurnal Kelitbangan*, 6(02), 191–206.
<https://doi.org/10.35450/jip.v6i02.97>
- Ardi, H. (2015). Pengantar penerjemahan. *2015*, 228.
<https://doi.org/10.31227/osf.io/mwz2q>
- Aristyanto, M. Y., & Kurniawan, R. (2021). Pengembangan Metode Neural Machine Translation Berdasarkan Hyperparameter Neural Network. *Seminar Nasional Official Statistics, 2021(1)*, 935–946.
<https://doi.org/10.34123/semnasoffstat.v2021i1.789>
- Bahdanau, D., Cho, K. H., & Bengio, Y. (2015). Neural machine translation by jointly learning to align and translate. *3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings*, 1–15.
- Brownlee, J. (2021). *What is Teacher Forcing for Recurrent Neural Networks?* Machinelearningmastery.Com.
- Chen, T., Li, M., Li, Y., Lin, M., Wang, N., Wang, M., Xiao, T., Xu, B., Zhang, C., & Zhang, Z. (2015). *MXNet: A Flexible and Efficient Machine Learning Library for Heterogeneous Distributed Systems*. 1–6.
- Cho, K., Van Merriënboer, B., Gulcehre, C., Bahdanau, D., Bougares, F., Schwenk, H., & Bengio, Y. (2014). Learning phrase representations using

- RNN encoder-decoder for statistical machine translation. *EMNLP 2014 - 2014 Conference on Empirical Methods in Natural Language Processing, Proceedings of the Conference*, 1724–1734. <https://doi.org/10.3115/v1/d14-1179>
- Fauziyah, Y., Ilyas, R., & Kasyidi, F. (2022). *MESIN PENTERJEMAH BAHASA INDONESIA-BAHASA SUNDA MENGGUNAKAN RECURRENT NEURAL NETWORKS*. *16*, 313–322.
- Gehring, J., Auli, M., Grangier, D., Yarats, D., & Dauphin, Y. N. (2017). *Facebook使用CNN替代RNN Convolutional Sequence to Sequence Learning*.
- Greff, K., Srivastava, R. K., Koutnik, J., Steunebrink, B. R., & Schmidhuber, J. (2017). LSTM: A Search Space Odyssey. *IEEE Transactions on Neural Networks and Learning Systems*, *28*(10), 2222–2232. <https://doi.org/10.1109/TNNLS.2016.2582924>
- Gu, J., Cho, K., & Li, V. O. K. (2017). Trainable greedy decoding for neural machine translation. *EMNLP 2017 - Conference on Empirical Methods in Natural Language Processing, Proceedings*, 1968–1978. <https://doi.org/10.18653/v1/d17-1210>
- Gunawan, W., Sujaini, H., & Tursina, T. (2021). Analisis Perbandingan Nilai Akurasi Mekanisme Attention Bahdanau dan Luong pada Neural Machine Translation Bahasa Indonesia ke Bahasa Melayu Ketapang dengan Arsitektur Recurrent Neural Network. *Jurnal Edukasi Dan Penelitian Informatika (JEPIN)*, *7*(3), 488. <https://doi.org/10.26418/jp.v7i3.50287>
- Hale, J. (2018). *Deep Learning Framework Power Scores 2018*. Towardsdatascience.Com.
- Hariyanto, S. (1996). The implication of culture on translation theory and practice. *Online Www. Translation Directory. Com/Article634. Htm, January 2000*. https://scholar.google.co.uk/scholar?start=180&q=translation+theory&hl=en&as_sdt=0,5#0
- Helcl, J., & Libovický, J. (2017). *Neural Monkey: An Open-source Tool for Sequence Learning*. *107*, 5–17. <https://doi.org/10.1515/pralin-2017->

0001.PBML

- Hieber, F., Domhan, T., Denkowski, M., Vilar, D., Sokolov, A., Clifton, A., & Post, M. (2017). *Sockeye: A Toolkit for Neural Machine Translation*. 1–18.
- Jozefowicz, R., Zaremba, W., & Sutskever, I. (2015). An empirical exploration of Recurrent Network architectures. *32nd International Conference on Machine Learning, ICML 2015, 3*, 2332–2340.
- Junczys-Dowmunt, M., Grundkiewicz, R., Dwojak, T., Heafield, H. H. K., Neckermann, T., Seide, F., Hermann, U., Aji, A. F., Bogoychev, N., Martins, A. F. T., & Birch, A. (2015). Marian: Fast neural machine translation in c++. *ACL 2018 - 56th Annual Meeting of the Association for Computational Linguistics, Proceedings of System Demonstrations*, 116–121.
<https://doi.org/10.18653/v1/p18-4020>
- Kalchbrenner, N., & Blunsom, P. (2013). Recurrent continuous translation models. *EMNLP 2013 - 2013 Conference on Empirical Methods in Natural Language Processing, Proceedings of the Conference, October*, 1700–1709.
- Kalchbrenner, N., Espeholt, L., Simonyan, K., Oord, A. van den, Graves, A., & Kavukcuoglu, K. (2016). *Neural Machine Translation in Linear Time*.
- Karakaya, M. (2020). *Encoder-Decoder with Bahdanau & Luong Attention Mechanism*. Medium.Com.
- Kingma, D. P., & Ba, J. L. (2015). Adam: A method for stochastic optimization. *3rd International Conference on Learning Representations, ICLR 2015 - Conference Track Proceedings*, 1–15.
- Loye, G. (2019). *Attention Mechanism*. Blog.Floydhub.Com.
- Luong, M.-T. (2016). *Minh-Thang Luong December 2016* (Issue December).
- Luong, M.-T., Pham, H., & Manning, C. D. (2015). Effective Approaches to Attention-based Neural Machine Translation. *ArXiv*.
- Luong, T., Brevdo, E., & Zhao, R. (2017). *Neural machine translation (seq2seq) tutorial*. Github.Com.
- Marathe, Y. (2020). *Neural Machine Translation using Bahdanau Attention Mechanism*. Medium.Com.
- Marlinda, L., & Rianto, H. (2013). Pembelajaran Bahasa Indonesia Berbasis Web Menggunakan Metode Maximum Marginal Relevance. *SESINDO 2013*,

2013.

- McEnery, T., Xiao, R., & Tono, Y. (2006). Corpus-based language studies. *Looking Ahead, 1, 2*. <http://www.ulb.tu-darmstadt.de/tocs/128706848.pdf>
- Mylapore, S., Paul, R. Q., Yi, J., & Slater, R. D. (2020). *Universal Vector Neural Machine Translation With Effective Attention*. <http://arxiv.org/abs/2006.05003>
- Ott, M., Edunov, S., Baevski, A., Fan, A., Gross, S., Ng, N., Grangier, D., & Auli, M. (2019). Fairseq: A fast, extensible toolkit for sequence modeling. *NAACL HLT 2019 - 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies - Proceedings of the Demonstrations Session*, 48–53. <https://doi.org/10.18653/v1/n19-4009>
- Paszke, A., Gross, S., Massa, F., Lerer, A., Bradbury, J., Chanan, G., Killeen, T., Lin, Z., Gimelshein, N., & Antiga, L. (2019). Pytorch: An imperative style, high-performance deep learning library. *Advances in Neural Information Processing Systems*, 32, 8026–8037.
- Peris, Á., & Casacuberta, F. (2018). NMT-Keras: a Very Flexible Toolkit with a Focus on Interactive NMT and Online Learning. *The Prague Bulletin of Mathematical Linguistics*, 111(1), 113–124. <https://doi.org/10.2478/pralin-2018-0010>
- Prijono, B. (2018). *Pengenalan Long Short Term Memory (LSTM) dan Gated Recurrent Unit (GRU)*. Indoml.Com.
- Schmidhuber, J. (2016). *Lstm Can Solve Hard*. January 1996.
- Sebagai, D., Satu, S., Memperoleh, U., & Sarjana, G. (2018). *Mesin penerjemah bahasa inggris – indonesia berbasis jaringan saraf tiruan dengan mekanisme attention menggunakan arsitektur transformer skripsi*.
- Seni, G., & Elder, J. F. (2010). Ensemble methods in data mining: improving accuracy through combining predictions. *Synthesis Lectures on Data Mining and Knowledge Discovery*, 2(1), 1–126.
- Sharma, A. (2020). *Free GPUs for Everyone! Get Started with Google Colab for Machine Learning and Deep Learning*. Analyticsvidhya.Com/Blog/.
- Sutskever, I., Vinyals, O., & Le, Q. V. (2014). Sequence to sequence learning

- with neural networks. *Advances in Neural Information Processing Systems*, 4(January), 3104–3112.
- Tan, Z., Wang, S., Yang, Z., Chen, G., Huang, X., Sun, M., & Liu, Y. (2020). Neural machine translation: A review of methods, resources, and tools. *AI Open*, 1(March), 5–21. <https://doi.org/10.1016/j.aiopen.2020.11.001>
- Tanuwijaya, H., & Manurung, H. M. (2009). Penerjemahan Dokumen Inggris-Indonesia menggunakan Mesin Penerjemah Statistik dengan Word Reordering dan Phrase Reordering. *Jurnal Ilmu Komputer Fakultas Ilmu Komputer UI*, 2(1).
- The Theano Development Team, Al-Rfou, R., Alain, G., Almahairi, A., Angermueller, C., Bahdanau, D., Ballas, N., Bastien, F., Bayer, J., Belikov, A., Belopolsky, A., Bengio, Y., Bergeron, A., Bergstra, J., Bisson, V., Snyder, J. B., Bouchard, N., Boulanger-Lewandowski, N., Bouthillier, X., ... Zhang, Y. (2016). *Theano: A Python framework for fast computation of mathematical expressions*. 1–19.
- Untara, W., & Setiawan, T. (2020). Problema Mesin Penerjemah Berbasis Ai Dalam Proses Penerjemahan Buku Inggris-Indonesia Dan Solusinya. *Adabiyāt: Jurnal Bahasa Dan Sastra*, 4(1), 92. <https://doi.org/10.14421/ajbs.2020.04105>
- Vaswani, A., Bengio, S., Brevdo, E., Chollet, F., Gomez, A. N., Gouws, S., Jones, L., Kaiser, Ł., Kalchbrenner, N., Parmar, N., Sepassi, R., Shazeer, N., & Uszkoreit, J. (2018). Tensor2tensor for neural machine translation. *AMTA 2018 - 13th Conference of the Association for Machine Translation in the Americas, Proceedings, 1*, 193–199.
- Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, Ł., & Polosukhin, I. (2017). Attention is all you need. *Advances in Neural Information Processing Systems, 2017-Decem(Nips)*, 5999–6009.
- Wentzel, G. (1922). Funkenlinien im Röntgenspektrum. *Annalen Der Physik*, 371(23), 437–461. <https://doi.org/10.1002/andp.19223712302>
- Wu, Y., Schuster, M., Chen, Z., Le, Q. V., Norouzi, M., Macherey, W., Krikun, M., Cao, Y., Gao, Q., Macherey, K., Klingner, J., Shah, A., Johnson, M., Liu, X., Kaiser, Ł., Gouws, S., Kato, Y., Kudo, T., Kazawa, H., ... Dean, J.

(2016). *Google's Neural Machine Translation System: Bridging the Gap between Human and Machine Translation*. 1–23.

Zein, A. (2018). Peran Text Processing Dalam Aplikasi Penerjemah Multi Bahasa Menggunakan Ajax API Google. *Sainstech: Jurnal Penelitian Dan Pengkajian Sains Dan Teknologi*, 28(1), 19–23.
<https://doi.org/10.37277/stch.v28i1.270>

Zhang, J., Ding, Y., Shen, S., Cheng, Y., Sun, M., Luan, H., & Liu, Y. (2017). Thumt: An open source toolkit for neural machine translation. *ArXiv Preprint ArXiv:1706.06415*.