

DAFTAR PUSTAKA

- [1] H. Gamage, N. Rajatheva, and M. Latva-aho, "Channel coding for enhanced mobile broadband communication in 5G systems," in *2017 European Conference on Networks and Communications (EuCNC)*, June 2017, pp. 1–6.
- [2] M. Hu, J. Li, and Y. Lv, "A comparative study of Polar code decoding algorithms," in *2017 IEEE 3rd Information Technology and Mechatronics Engineering Conference (ITOEC)*, Oct 2017, pp. 1221–1225.
- [3] E. Arıkan, "Channel polarization: A method for constructing capacity-achieving codes for symmetric binary-input memoryless channels," *IEEE Transactions on Information Theory*, vol. 55, no. 7, pp. 3051–3073, July 2009.
- [4] E. Sasoglu, *Polarization and Polar Codes*. now, 2012. [Online]. Available: <https://ieeexplore.ieee.org/document/8187298>
- [5] K. D. Rao, "Performance analysis of polar codes for 5G short message transmissions," in *2018 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)*, Nov 2018, pp. 1–5.
- [6] S. Shao, P. Hailes, T.-Y. Wang, J.-Y. Wu, R. Maunder, B. M Al-Hashimi, and L. Hanzo, "Survey of Turbo, LDPC and Polar decoder ASIC implementations," *IEEE Communications Surveys and Tutorials*, vol. PP, pp. 1–1, 01 2019.
- [7] D. P. Zhu, "Polar code for 5G NR," Huawei Fellow, IEEE Fellow, Tech. Rep., November 2018.
- [8] O. Iscan, D. Lentner, and W. Xu, "A comparison of channel coding schemes for 5G short message transmission," in *2016 IEEE Globecom Workshops (GC Wkshps)*, Dec 2016, pp. 1–6.
- [9] I. Tal and A. Vardy, "List decoding of Polar codes," *IEEE Transactions on Information Theory*, vol. 61, no. 5, pp. 2213–2226, May 2015.
- [10] R. Vannithamby and S. Talwar, *Distributed Resource Allocation in 5G Cellular Networks*. Wiley, 2017. [Online]. Available: <https://ieeexplore.ieee.org/document/8045143>

- [11] S. Zhao, P. Shi, and B. Wang, “Designs of Bhattacharyya parameter in the construction of polar codes,” in *2011 7th International Conference on Wireless Communications, Networking and Mobile Computing*, Sep. 2011, pp. 1–4.
- [12] N. Kamila and K. Anwar, “On the design of LDPC-based raptor codes for single carrier internet of things (SC-IoT),” in *2017 International Conference on Signals and Systems (ICSigSys)*, May 2017, pp. 117–122.
- [13] S. ten Brink, “Convergence behavior of iteratively decoded parallel concatenated codes,” in *IEEE Trans. Commun.*, vol. 49, Oct 2001, pp. 1727–1737.
- [14] 3GPP, “NR; multiplexing and channel coding,” 3rd Generation Partnership Project (3GPP), Technical Specification (TS) 38.212, 2017.
- [15] S. O. Popescu and A. S. Gontean, “Performance comparison of the BPSK and QPSK modulation techniques on FPGA,” in *2011 IEEE 17th International Symposium for Design and Technology in Electronic Packaging (SIITME)*, Oct 2011, pp. 257–260.
- [16] H. Kim, J. Shin, and J. Ahn, “Performance analysis of Polar codes with soft input successive cancellation,” in *2014 International Conference on Advanced Technologies for Communications (ATC 2014)*, Oct 2014, pp. 563–566.
- [17] A. Bravo-Santos, “Polar codes for the Rayleigh fading channel,” *IEEE Communications Letters*, vol. 17, no. 12, pp. 2352–2355, December 2013.
- [18] E. Abbe and A. Barron, “Polar coding schemes for the AWGN channel,” in *2011 IEEE International Symposium on Information Theory Proceedings*, July 2011, pp. 194–198.