



## DAFTAR PUSTAKA

- Aleksandrowicz, G., Alexander, T., Barkoutsos, P., Bello, L., Ben-Haim, Y., Bucher, D., Cabrera-Hernández, F.J., Carballo-Franquis, J., Chen, A., Chen, C.F. dan Chow, J.M., 2019, Qiskit: An Open-source Framework for Quantum Computing. doi: 10.5281/zenodo.2562110.
- Anderson, J. B., dan Johnnesson, R., 2006. *Understanding information transmission* (Vol. 18). John Wiley & Sons.
- Az-zahra, F. I., 2018, Dasar Dasar Komputer Kuantum dan Penerapannya pada Dekripsi Algoritma RSA, *Tesis*, Jurusan Fisika FMIPA UGM, Yogyakarta
- Bell, J.S., 1964. On the einstein podolsky rosen paradox. *Physics Physique Fizika*, 1(3), p.195.
- Bennett, C.H., Bessette, F., Brassard, G., Salvail, L. dan Smolin, J., 1992. Experimental quantum cryptography. *Journal of cryptology*, 5(1), pp.3-28.
- Bennett, C.H. dan Brassard, G., 2014. Quantum cryptography: public key distribution and coin tossing. *Theor. Comput. Sci.*, 560(12), pp.7-11.
- Bouwmeester, D., Ekert, A. K., dan Zeilinger, A., 2011. *The physics of quantum information: Quantum cryptography, quantum teleportation, quantum computation*. Berlin, Springer.
- Chen, Z. B., Zhang, Q., Bao, X. H., Schmiedmayer, J., dan Pan, J. W., 2006. Deterministic and efficient quantum cryptography based on bell's theorem. *Physical Review A*, 73(5), 050302.
- Deutsch, D., 1985. Quantum theory, the Church–Turing principle and the universal quantum computer. *Proceedings of the Royal Society of London. A. Mathematical and Physical Sciences*, 400(1818), 97-117.
- Diamanti, E., Lo, H.K., Qi, B. dan Yuan, Z., 2016. Practical challenges in quantum key distribution. *npj Quantum Information*, 2, p.16025.
- Einstein, A., Podolsky, B. dan Rosen, N., 1935. Can Quantum-Mechanical Description of Physical Reality Be Considered Complete?. *Physical Review*, 47(10), 777.



- Ekert, A.K., 1991. Quantum cryptography based on Bell's theorem. *Physical review letters*, 67(6), p.661.
- Ekert, A., dan Jozsa, R., 1996. Quantum computation and Shor's factoring algorithm. *Reviews of Modern Physics*, 68(3), 733.
- Feynman, R. P., 1960. There is plenty of room at bottom. *Engineering and Science*. pp. 22–36.
- Feynman, R. P., 1982. Simulating physics with computers. *International journal of theoretical physics*, 21(6), 467-488.
- Fujiwara, M., Yoshino, K. I., Nambu, Y., Yamashita, T., Miki, S., Terai, H., Wang, Z., Toyoshima, M., Tomita, A., dan Sasaki, M., 2014. Modified E91 protocol demonstration with hybrid entanglement photon source. *Optics express*, 22(11), 13616-13624.
- Griffiths, D. J., dan Schroeter, D. F., 2018. *Introduction to quantum mechanics*. Cambridge University Press.
- Guo, Y., 2019. Introduction to quantum entanglement. *AIP Conference Proceedings*. American Institute of Physics, 2066(1), p. 20009. doi: 10.1063/1.5089051.
- Henderson, D. W. dan Taimina, D., 2001. Experiencing geometry: in Euclidean, spherical, and hyperbolic spaces. *The American Mathematical Monthly*, 109(5), 488.
- Jha, V. K., dan Srivastava, P., 2013. A Theoretical Model of Multi-user QKD Network as the Extension of E91 Protocol. *International Journal of Information and Network Security*, 2(4), 311.
- Kaszlikowski, D., Chang, K., Oi, D. K. L., Kwek, L. C., dan Oh, C. H., 2002. Quantum Cryptography Based On Bell Inequalities for Three-Dimensional System. *arXiv preprint quant-ph/0206170*.
- Li, L., Li, H., Li, C., Chen, X., Chang, Y., Yang, Y., dan Li, J., 2018. The security analysis of E91 protocol in collective-rotation noise channel. *International Journal of Distributed Sensor Networks*, 14(5), 1550147718778192.
- Lomonaco, S. J., 2000. A Lecture on Shor's Quantum Factoring Algorithm.
- Naik, D. S., Peterson, C. G., White, A. G., Berglund, A. J., dan Kwiat, P. G., 2000. Entangled state quantum cryptography: eavesdropping on the Ekert protocol. *Physical Review Letters*, 84(20), 4733.



Nielsen, M. A., dan Chuang, I., 2010. *Quantum computation and quantum information*. Cambridge University Press.

Plesa, M.I. dan Mihai, T., 2018. A New Quantum Encryption Scheme. *Advanced Journal of Graduate Research*, 4(1), pp.59-67.

Rieke, F. dan Warland, D., 1999. *Spikes: exploring the neural code*. MIT press.

Satsangi, S., dan Patvardhan, C. 2015. Evolution of Quantum Teleportation Circuits with Improved Genetic Algorithm. *International Journal of Computer Applications*, 975, 8887.

Sharma, A., dan Lenka, S. K., 2016. E91 QKD protocol for authentication in online banking systems. *International Journal of Business Information Systems*, 22(1), 116-122.

Shor, P.W., 1994. Algorithms for quantum computation: Discrete logarithms and factoring. In *Proceedings 35th annual symposium on foundations of computer science* (pp. 124-134). IEEE.

Steane, A., 1998. Quantum computing. *Reports on Progress in Physics*, 61(2), p.117.

Wiesner, S., 1983. Conjugate coding. *ACM Sigact News*, 15(1), pp.78-88.