Books

1. Katz, Jonathan, and Yehuda Lindell. *Introduction to modern cryptography*. CRC press, 2020.

Papers

- Bellare, Mihir, and Phillip Rogaway. "Random oracles are practical: A paradigm for designing efficient protocols." In Proceedings of the 1st ACM Conference on Computer and Communications Security, pp. 62-73. 1993.
- 2. Ben-Efraim, Aner, Yehuda Lindell, and Eran Omri. "Optimizing semi-honest secure multiparty computation for the internet." In *Proceedings of the 2016 ACM SIGSAC Conference on Computer and Communications Security*, pp. 578-590. 2016.
- 3. Bloom, Burton H. "Space/time trade-offs in hash coding with allowable errors." *Communications of the ACM* 13, no. 7 (1970): 422-426.
- 4. Boneh, Dan, Eu-Jin Goh, and Kobbi Nissim. "Evaluating 2-DNF formulas on ciphertexts." In *Theory of cryptography conference*, pp. 325-341. Springer, Berlin, Heidelberg, 2005.
- 5. De Cristofaro, Emiliano, Paolo Gasti, and Gene Tsudik. "Fast and private computation of cardinality of set intersection and union." In *International Conference on Cryptology and Network Security*, pp. 218-231. Springer, Berlin, Heidelberg, 2012.
- 6. Debnath, Sumit Kumar, Pantelimon Stănică, Nibedita Kundu, and Tanmay Choudhury. "Secure and efficient multiparty private set intersection cardinality." *Advances in Mathematics of Communications* 15, no. 2 (2021): 365.
- 7. ElGamal, Taher. "A public key cryptosystem and a signature scheme based on discrete logarithms." *IEEE transactions on information theory* 31, no. 4 (1985): 469-472.
- 8. Fan, Junfeng, and Frederik Vercauteren. "Somewhat practical fully homomorphic encryption." *IACR Cryptol. ePrint Arch.*2012 (2012): 144.
- Fiat, Amos, and Adi Shamir. "How to prove yourself: Practical solutions to identification and signature problems." In Conference on the theory and application of cryptographic techniques, pp. 186-194. Springer, Berlin, Heidelberg, 1986.
- 10. Ion, Mihaela, Ben Kreuter, Erhan Nergiz, Sarvar Patel, Shobhit Saxena, Karn Seth, David Shanahan, and Moti Yung. "Private Intersection-Sum Protocol with Applications to Attributing Aggregate Ad Conversions." *IACR Cryptol. ePrint Arch.* 2017 (2017): 738.
- 11. Lv, Siyi, Jinhui Ye, Sijie Yin, Xiaochun Cheng, Chen Feng, Xiaoyan Liu, Rui Li, Zhaohui Li, Zheli Liu, and Li Zhou. **"Unbalanced private set intersection cardinality protocol with low communication cost."** *Future Generation Computer Systems* 102 (2020): 1054-1061.
- 12. Pedersen, Torben Pryds. "Non-interactive and information-theoretic secure verifiable secret sharing." In *Annual international cryptology conference*, pp. 129-140. Springer, Berlin, Heidelberg, 1991.