Record Nr. UNINA9910647383603321 Advances in cryptology - ASIACRYPT 2022 : 28th international **Titolo** conference on the theory and application of cryptology and information security, Taipei, Taiwan, December 5-9, 2022, proceedings, part I / / edited by Shweta Agrawal and Dongdai Lin Pubbl/distr/stampa Cham, Switzerland: ,: Springer, , [2023] ©2023 **ISBN** 3-031-22963-0 Edizione [1st ed. 2022.] Descrizione fisica 1 online resource (846 pages) Lecture Notes in Computer Science, , 1611-3349; ; 13791 Collana Disciplina 005.8 Computer security Soggetti Data encryption (Computer science) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Award Papers -- Functional and Witness Encryption -- Symmetric Key Cryptanalysis -- Multiparty Computation -- Real World Protocols --Blockchains and Cryptocurrencies. . The four-volume proceedings LNCS 13791, 13792, 13793, and 13794 Sommario/riassunto constitute the proceedings of the 28th International Conference on the Theory and Application of Cryptology and Information Security, ASIACRYPT 2022, held in Taipei, Taiwan, during December 5-9, 2022. The total of 98 full papers presented in these proceedings was carefully reviewed and selected from 364 submissions. The papers were organized in topical sections as follows: Part I: Award papers; functional and witness encryption; symmetric key cryptanalysis; multiparty computation; real world protocols; and blockchains and cryptocurrencies. Part II: Isogeny based cryptography; homomorphic encryption; NIZK and SNARKs; non interactive zero knowledge; and symmetric cryptography. Part III: Practical cryptography; advanced encryption; zero knowledge; quantum algorithms; lattice cryptoanalysis. Part IV: Signatures; commitments; theory;

cryptoanalysis; and quantum cryptography.