

Wittawat Kositwattanarerk

Research Activities

Areas of Expertise

Coding Theory; cryptography

Current Interests and Activities

Information is everywhere around us, and the way we process, store, and transmit information has become increasingly complex. Recent technologies such as 5G and blockchain require protocols that are robust, secure, and efficient. This is achieved by the use of cryptography and coding theory, which is my area of research. In particular, I have previously worked on low-density parity-check (LDPC) codes, lattice codes, and relationships between universal codes and number systems. I am currently interested in shaping of lattice codes, Fibonacci coding, and information processing for blockchains.