

Secure Distributed Computation from Coding-Theoretic Methods

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In this talk, we discuss an approach for secure distributed computations, leveraging tools from coding theory. Our method allows a client to offload computationally intensive operations securely without revealing sensitive information to the server. We outline the general structure of our scheme, discuss its computational complexity benefits, and illustrate its application in scenarios such as private matrix computations and secure statistical analysis.

In Special Session 40 on Network Coding and Related Fields at the Mathematical Congress of the Americas 2025.