

Master's Thesis

Secure Identification for Gaussian Channels

In next generation connectivity systems, which rely on robust and low-latency information exchange, there exists communication tasks in which the Ahlswede/Dueck identification scheme is much more efficient than Shannon's transmission scheme. In this thesis one should provide a coding scheme for secure identification and determine the secrecy capacity of the Gaussian Channel.

Prerequisites

Information Theory, Signal Theory

Advisors

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