

Graduate Mathematics Seminar Series

Breakdown of observability in networks

By

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Abstract: We will consider the observability of networks under linear dynamics. Specifically, we will investigate when the observability breaks down. In this investigation, we encounter and define a class of vertex pairs that induce this breakdown. We will then consider their defining properties and give some constructive methods to obtain them.

Advisor: Prof. Dr. Fatihcan Atay **Date:** Feb 27, Thursday, 2025

Time: 16:30 - 17:30

Place: SA - 141