

A Microwave Study on Fisher Information Flow

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Information is created when a system is changed. This information can be detected by waves, in our case by electromagnetic waves, created and measured far from the creation point. I will shortly introduce Fisher information and then show how the information transport can be visualized using the Fisher information flow, similar to the Poynting vector showing the energy flow. The main focus of the talk will be on the experimental realization in a microwave waveguide supporting 4 transporting modes.