

Master's Thesis

Channel Estimation in TDD Cell-free Scenario using OTFS Modulation

The main aim of the thesis is to make a comparison between different multicarrier modulations, in particular OFDM and OTFS, inside a wireless system.

The considered wireless system consists in a Delay-Doppler channel, which is typical in vehicular communications. A Hybrid IRS is considered in order to be able to achieve Integrated Sensing and Communications.

Advisors

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