Master's Thesis

Reinforcement Learning based Resource Allocation in a multi-hop multi-path heterogeneous LiFi-WiFi Network

The goal of the thesis would be to build a Wireless Resource Allocation Framework to optimize Multi-hop, Multi-path networks.

The approach is to develop an optimization problem to allocate wireless and compute resources to users and to solve this problem using Reinforcement Learning.

Prerequisites

- Strong Python programming skills
- Strong foundation on wireless communications
- Experience with Reinforcement Learning

Contact

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