translation of coded modulation library from Matlab/C into julia

the students should translate functions from Matlab and C to julia. the functions involve calculation of information theoretic quantities to basic function of a discrete time transmission chain.

The students task is to learn julia and matlab to a extend that the translation from one to the other language is possible. We furthermore expect the student to learn how to use git and gitlab for managing larger projects.

Prerequisites

basic programming knowledge

Advisors

Patrick Schulte