

Structure Recognition with Graph Neural Networks - Intermediate Report

Benedikt Wenzel

December 2, 2024

Abstract

bli bla blub

1 Background

explain a bit what gnns are, how they work (message passing class, message, update, aggregate) intro bravias lattice, classification of point sets in 2d, 3d

2 Project Goals

generation of 2d and 3d bravais lattices classification of these lattices using gnn getting familiar with basic gnn techniques jonas nach neuer aufgabe fragen

3 Schedule

creating 2d,3d lattices finished, training finished to do: jonas neue aufgabe