

Magmango: the magnetic properties package

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Abstract

We utilize tensor field networks to learn elasticity tensors from space group information for different materials in the

Keywords: Tensor Field Networks, Elasticity, Equivariance, and Point Convolutions

Introduction

Convolution neural networks (CNNs) afford *translational equivariance*, which is important in detecting

Statement of Need

Concept

Constructing the spin-mesh

Magnetocrystalline anisotropy predictions

Analysis and fitting