

Complex-valued Neural Arithmetic Logic Units (CALU) for the Abtraction of Physical Symmetries.

Tuesday 20 August 2019 19:40 (10 minutes)

We introduce a new neural network architecture (Complex-valued Neural Arithmetic Logic Units, CALU), for learning and extraction of physical features. We also demonstrate and discuss on its potential implications on building more physical machine learning models for science including HEP.

Presenter: CHO, Won Sang (Seoul National University)

Session Classification: Parallel Session