

Opening the black box of quantum machine learning

Tuesday, 15 November 2022 17:20 (20 minutes)

I will discuss different theoretical results on using quantum computers for learning classical data, and on the use of classical and quantum computers to learn quantum states, quantum processes and quantum channels. In particular, I'll focus on foundational aspects, by introducing entropic measures that allow us to identify what kind of problems can be easily learnt directly from the data.

Primary author: BANCHI, Leonardo (Istituto Nazionale di Fisica Nucleare)

Presenter: BANCHI, Leonardo (Istituto Nazionale di Fisica Nucleare)

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