



Contribution ID: 95

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ADVANCE TUTORIAL: Learning theory for quantum machines

Sunday 19 November 2023 10:30 (2h 45m)

In this tutorial, I will cover recent advances in developing learning theory for quantum machines. The tutorial will focus on the basic techniques for establishing prediction guarantees in quantum machine learning models and the fundamental ideas for proving the advantages of quantum machines over classical machines in learning from experiments.

Presenters: HUANG, Hsin-Yuan (Google Quantum AI, MIT); HOLMES, Zoe (EPFL)