24th Australian Institute of Physics Congress



Contribution ID: 812 Type: Invited talk

Training quantum neural networks with an unbounded loss function

Tuesday 13 December 2022 14:00 (30 minutes)

In this work, we examine the assumptions that give rise to barren plateaus in quantum neural networks and show that an unbounded loss function can circumvent the existing no-go results.

Primary author: Dr KIEFEROVA, Maria (University of Technology Sydney)

Presenter: Dr KIEFEROVA, Maria (University of Technology Sydney)Session Classification: AIP: Quantum Science and Technology

Track Classification: AIP Congress: AIP: Quantum Science and Technology