Title

Subtitle

Name 1[1] Name 2[2]

[1]Dept. of Physics, The University of [2]Dept. of Physics, The University of

December 10, 2023

Table of Contents

Table of Contents

Motivation

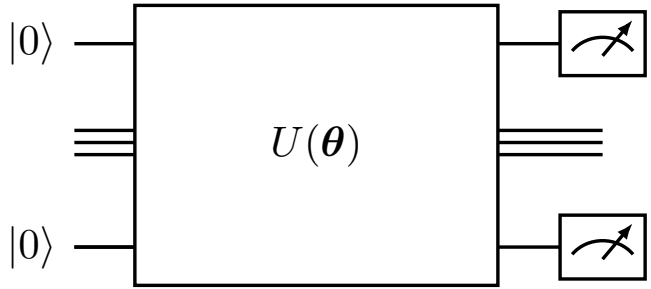
- a
- b

This is a first column. This is a first column. This is a first column. This is a first column. This is a first column. This is a first column. This is a first column. This is a first column.

This is a second column. This is a second column. This is a second column. This is a second column. This is a second column. This is a second column.

Table of Contents

VQA



Definition

Barren plateaus[1]

$$\mathbb{E}_{\boldsymbol{\theta}}\left[\frac{\partial C(\boldsymbol{\theta})}{\partial \theta_\nu}\right] = 0,\ \mathbb{V}_{\boldsymbol{\theta}}\left[\frac{\partial C(\boldsymbol{\theta})}{\partial \theta_\nu}\right] = \mathcal{O}(e^{-\alpha n}),\ \alpha > 0$$

Theorem

$$a^2 + b^2 = c^2$$

Proof.

asdf asdf asdf. □

Theorem

$$a^2 + b^2 = c^2$$

Proof.

asdf asdf asdf. □

Warning

asdf asdf asdf.

Example

asdf asdf asdf.

Important

asdf asdf asdf.

Remark

asdf asdf asdf.

Table of Contents

Table

a	b	c
d	e	f

Reference

[1] J. R. McClean, S. Boixo, V. N. Smelyanskiy, R. Babbush, and H. Neven.
Barren plateaus in quantum neural network training landscapes.
Nature communications, 9(1):1–6, 2018.