



Quantum Computing 101, Part 4 – The art of quantum interference

Aaron Turner, ??? 2021

Introduction

This is the fourth part of a blog [series](#) on **quantum computing**, broadly derived from CERN's [Practical introduction to quantum computing](#) video series, Michael Nielsen's Quantum computing for the [very curious](#) / [determined](#), and the following (widely regarded as definitive) references:

- [Hiday] [Quantum Computing: An Applied Approach](#)
- [Nielsen & Chuang] [Quantum Computing and Quantum Information](#) [a.k.a. "Mike & Ike"]
- [Yanofsky & Mannucci] [Quantum Computing for Computer Scientists](#)

My objective is to keep the mathematics to an absolute minimum (albeit not quite zero), in order to engender an **intuitive understanding**. You can think it as a quantum computing cheat sheet.

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