

Numerical Quantum Mechanics

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Contents

1	Revisiting Quantum Mechanics	3
1	Boundary value Problem	3

Chapter 1

Revisiting Quantum Mechanics

We are basically working with boundary value problem. Lets take an example.

1

Boundary value Problem

Let's take two first order differential equation,

$$\frac{dy}{dx} = f_1(x, y, z)$$

$$\frac{dz}{dx} = f_2(x, y, z)$$