

The Sample Book

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Introduction

This chapter is to serve as an introduction to publishing

Hello World

The first thing is to observe the Hello World program in C++.

```
#include <iostream>

int main () {
    std::cout << "Hello World" << std::endl;
    return 0;
}
```

Adding some Mathematical stuff

The rendering is done by MathJax, this will only work in epub3

$$\phi_n(\kappa) = \frac{1}{4\pi^2\kappa^2} \int_0^\infty \frac{\sin(\kappa R)}{\kappa R} \frac{\partial}{\partial R} \left[R^2 \frac{\partial D_n(R)}{\partial R} \right] dR$$