

# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Mathematical Model</b>	<b>1</b>
2.1	Resonator cavity . . . . .	1
2.1.1	Fabry-Perót cavity . . . . .	1
2.1.2	Ring cavity . . . . .	1
2.2	Carrier transport . . . . .	1
<b>3</b>	<b>Conclusion</b>	<b>1</b>

## 1 Introduction

## 2 Mathematical Model

### 2.1 Resonator cavity

#### 2.1.1 Fabry-Perót cavity

#### 2.1.2 Ring cavity

### 2.2 Carrier transport

## 3 Conclusion