

PART ONE ■ OVERVIEW

Chapter 1 Introduction

✓ 1.1 What Operating Systems Do	4
✓ 1.2 Computer-System Organization	7
✓ 1.3 Computer-System Architecture	15
✓ 1.4 Operating-System Operations	21
1.5 Resource Management	27
1.6 Security and Protection	33
1.7 Virtualization	34

NUMA ←
+ADOPTX ←
VMMX ←

~~1.8 Distributed Systems~~ 35

✓ 1.9 Kernel Data Structures 36

✓ 1.10 Computing Environments 40

1.11 Free and Open-Source Operating Systems 46 (HOMEWORK).

Practice Exercises 53

Further Reading 54

1.1, 1.2, 1.3, 1.4, 1.6,
1.7, 1.8, 1.9, PC Motherboard,
1.11, Figures ↑.

↑ part of Splatus.

→ Sec 1.1, 1.2, 1.3, 1.4, 1.9, 1.11
100% Relevant to Coverage. Ignore others.