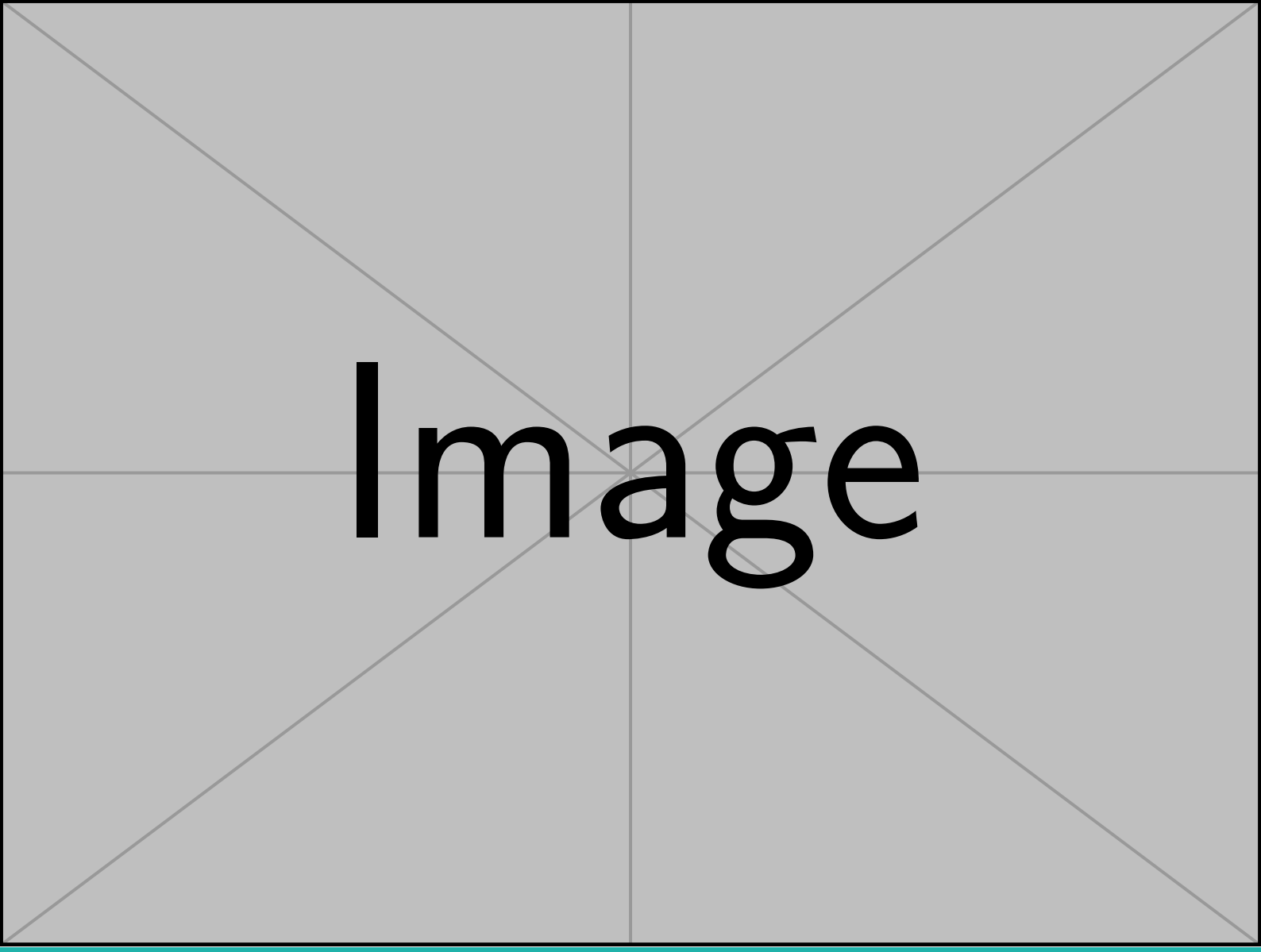

RFID 射频基础

The RF in RFID

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特别声明

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2.1 It all started with IFF

2.2 Making it cheap

2.3 Making and Selling:Tracking Big Stuff

2.4 Tracking Small Stuff: AutiIP and the Web if Things

2.5 RFID System and Terminology

We have alluded to key aspects of RFID systems in our discussion of the history of the technology in sections above. RFID systems are crucially distinguished by the frequency of the radio waves the employ, by the means used to provide power to the tags, and by the protocols employed to communicate between tag and reader. The choice of frequency, power source, and protocol has important implications for range, cost, and features available to the user.

2.6 Types of RFID

2.6.1 Frequency Bands for RFID

LF MF HF VHF UHF

$$\lambda = \frac{c}{f} \tag{2.1}$$

2.6.2 无源、半无源和有源标签

2.7 The Internet of Things and UHF RFID

Further Reading

第 2 章 练习

1. aaa
2.