

# Chapter 1

## More Background

*This chapter provides yet more background information.*

### 1.1 Introduction

Some introductory remarks. Here is a matrix:

$$\begin{bmatrix} a_{i,j} & a_{i,j+1} & a_{i,j+2} & \cdots & a_{i,y-2} & a_{i,y-1} & a_{i,y} \\ a_{i+1,j} & a_{i+1,j+1} & a_{i+1,j+2} & \cdots & a_{i+1,y-2} & a_{i+1,y-1} & a_{i+1,y} \\ \vdots & \vdots & \vdots & \ddots & \vdots & \vdots & \vdots \\ a_{x-1,j} & a_{x-1,j+1} & a_{x-1,j+2} & \cdots & a_{x-1,y-2} & a_{x-1,y-1} & a_{x-1,y} \\ a_{x,j} & a_{x,j+1} & a_{x,j+2} & \cdots & a_{x,y-2} & a_{x,y-1} & a_{x,y} \end{bmatrix}$$

And a figure:

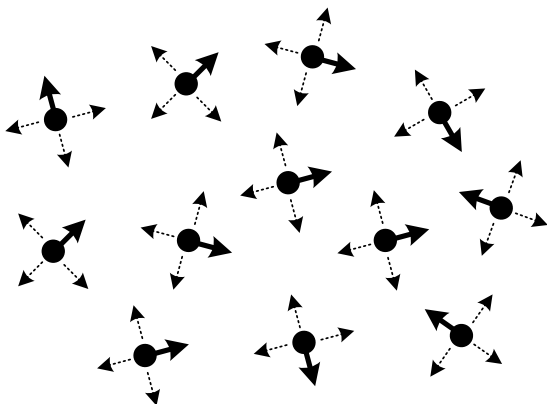


Figure 1.1: Random figure

## 1.2 Summary

Some concluding remarks