My Tikz Learning

Yangyang Li

August 12, 2023

Contents

1 Case transformer
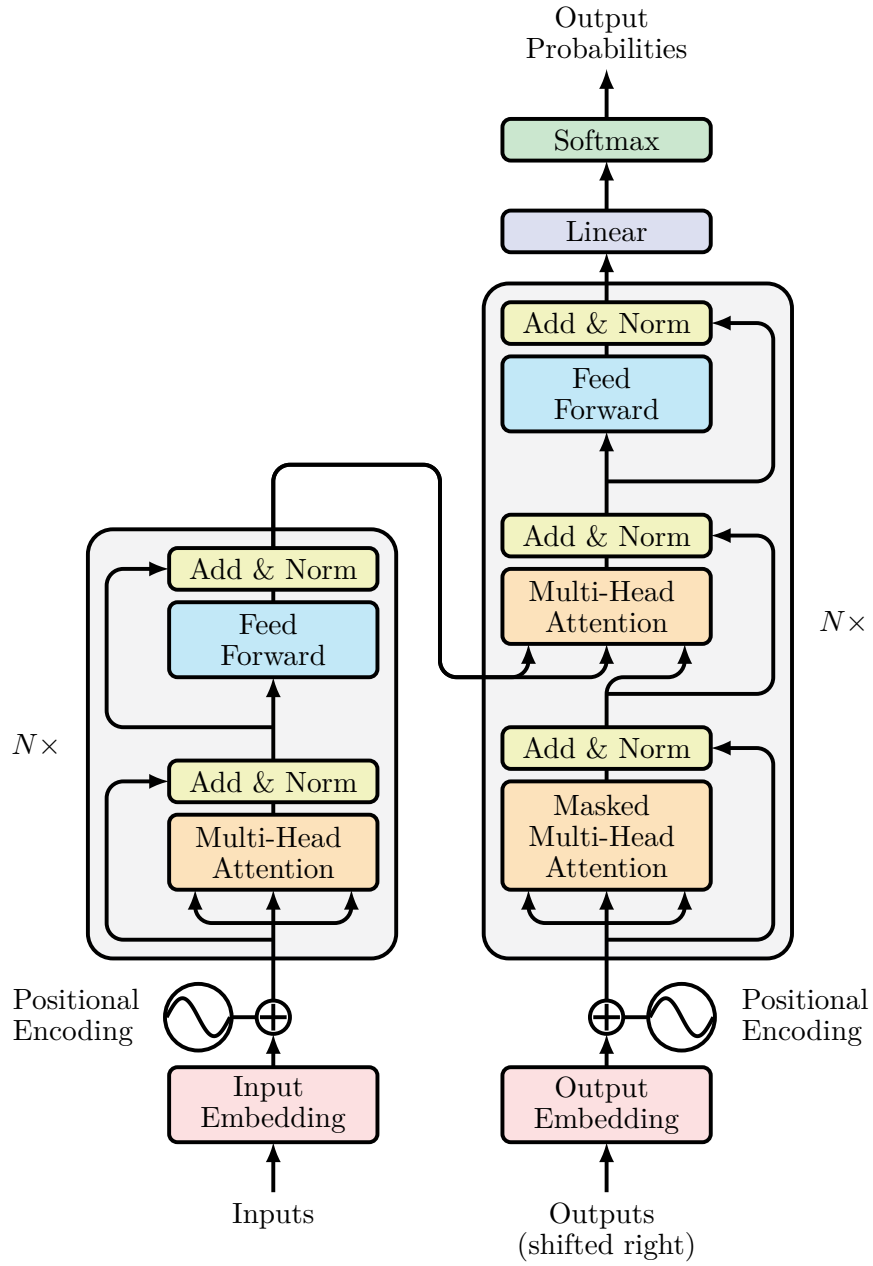
Output
Probabilities

Softmax

Linear

Add & Norm

Feed
Forward

Add & Norm

Multi-Head
Attention

$N\times$

Add & Norm

Masked
Multi-Head
Attention

Add & Norm

Feed
Forward

$N\times$

Add & Norm

Multi-Head
Attention

Positional
Encoding

Positional
Encoding

Input
Embedding

Output
Embedding

Inputs

Outputs
(shifted right)

Figure 1: transformer code

2 Case arrow

Figure 2: arrow code

3 Case hello world

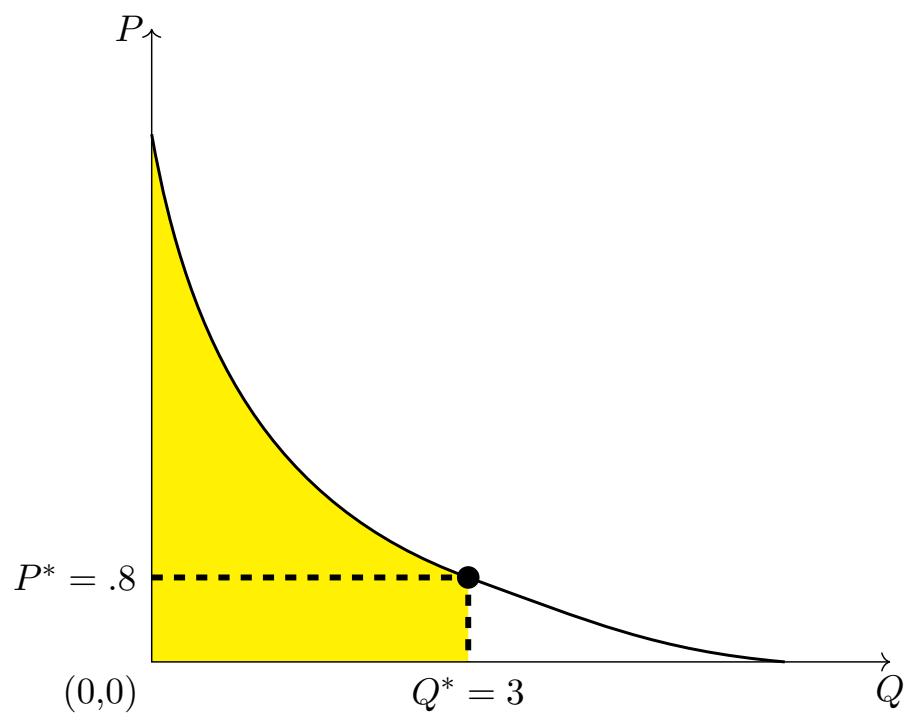Figure 3: hello world code

4 Case example1

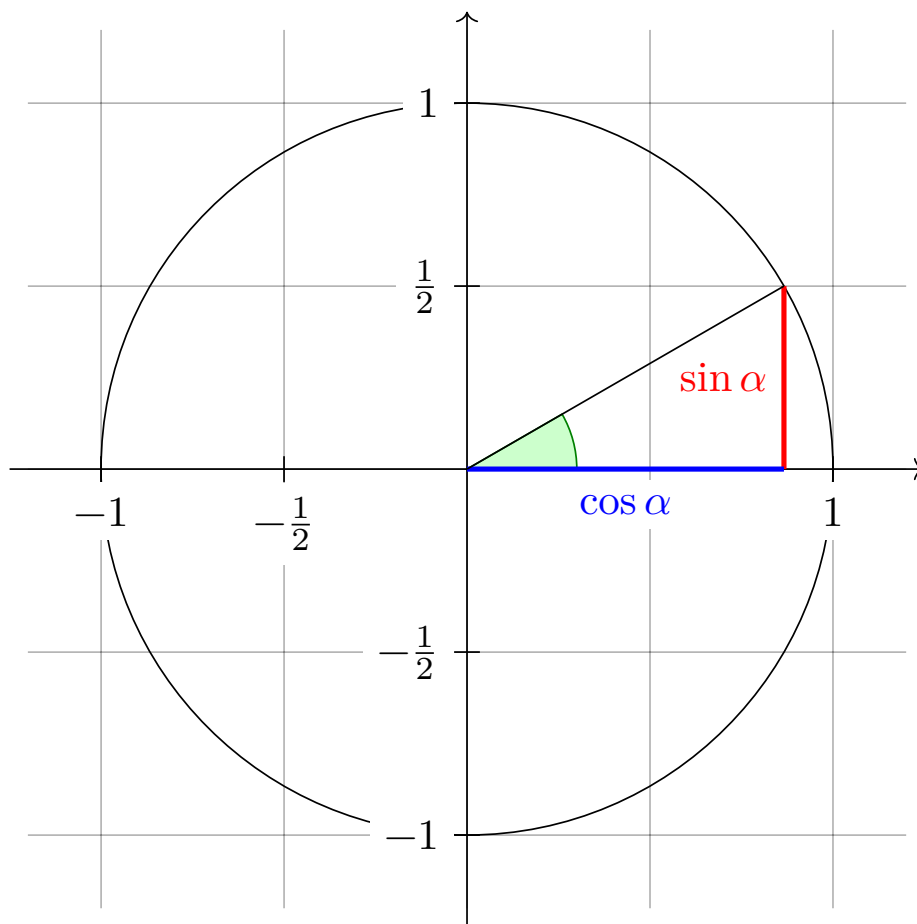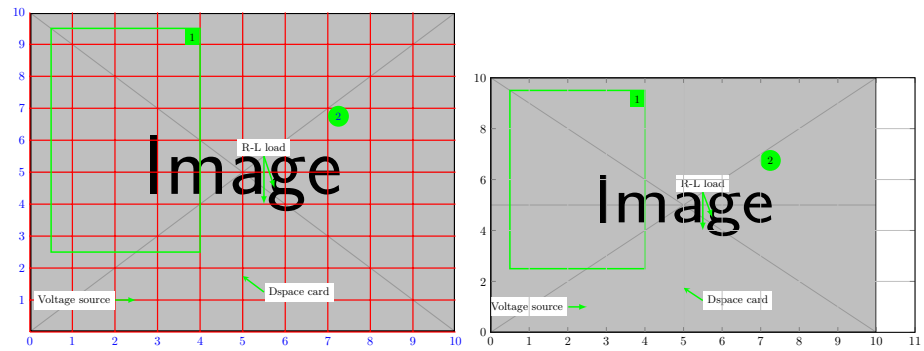Figure 4: example1 code

5   Case image-overlay
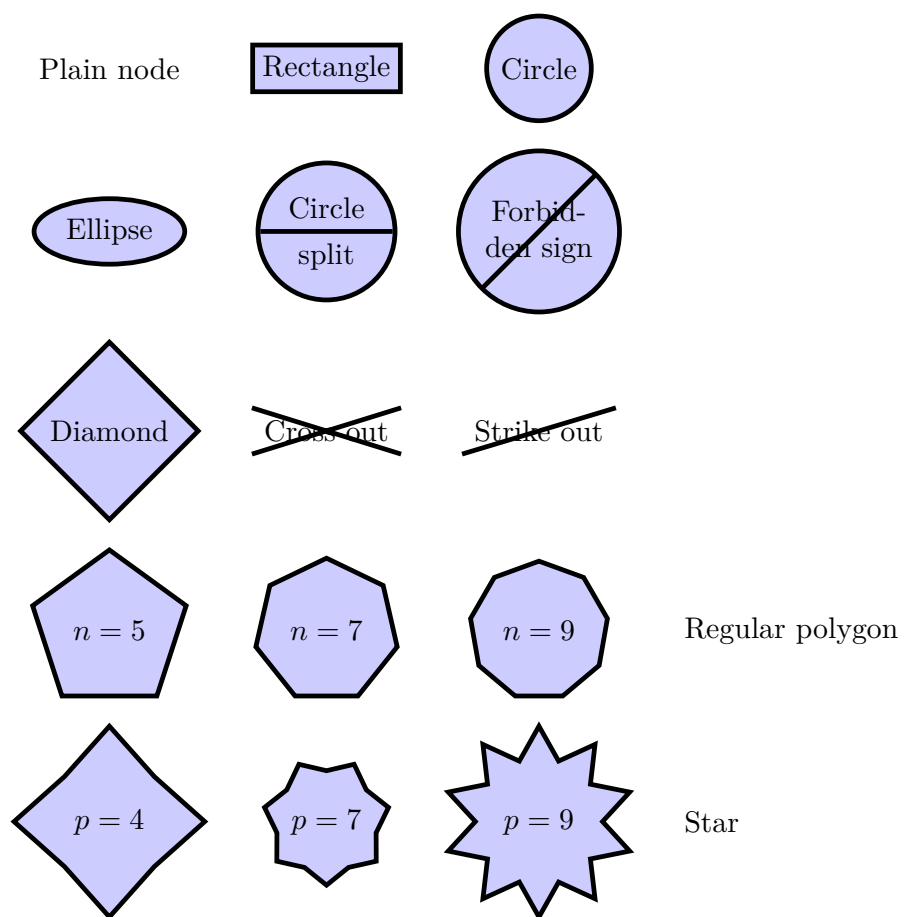

Figure 5: image-overlay code

6   Case shape

Plain node   Rectangle   Circle

Ellipse   Circle split   Forbid-den sign

Diamond   Cross out   Strike out

$n = 5$ $n = 7$ $n = 9$ Regular polygon

$p = 4$ $p = 7$ $p = 9$ Star

Figure 6: shape code

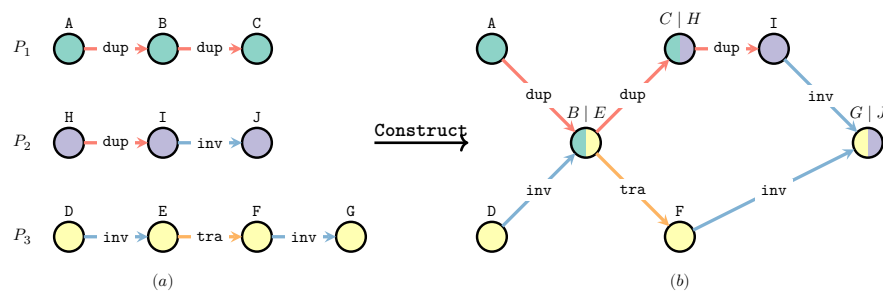# 7 Case plot3d
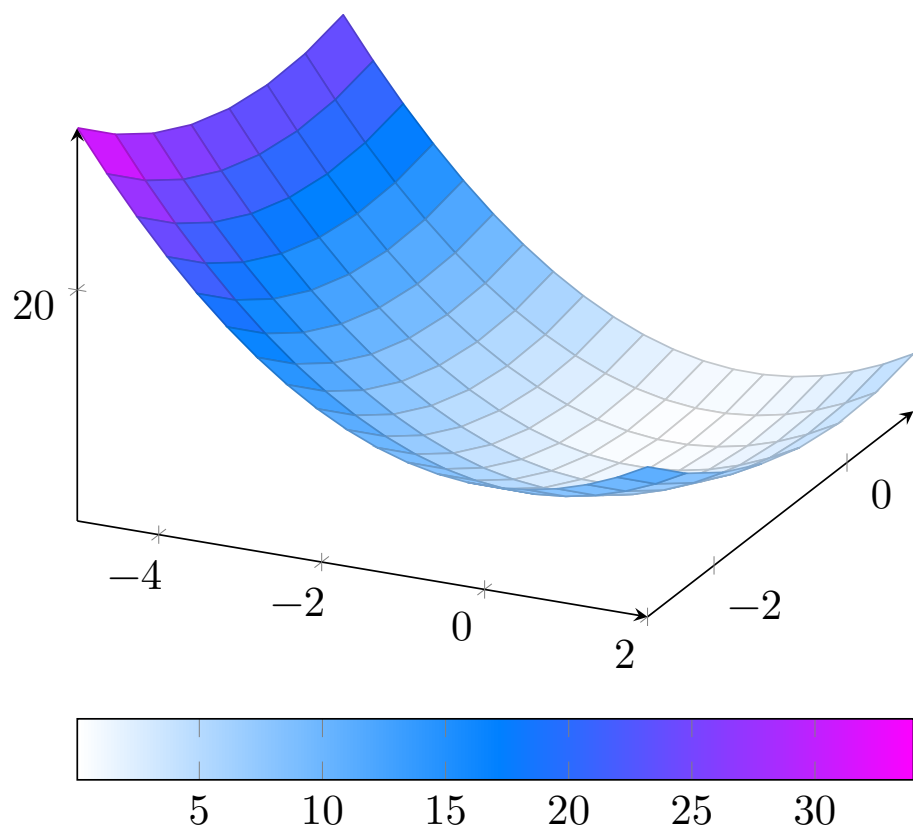
Figure 7: plot3d code

8 Case qual graph

Figure 8: qual graph code

9 Case plot function
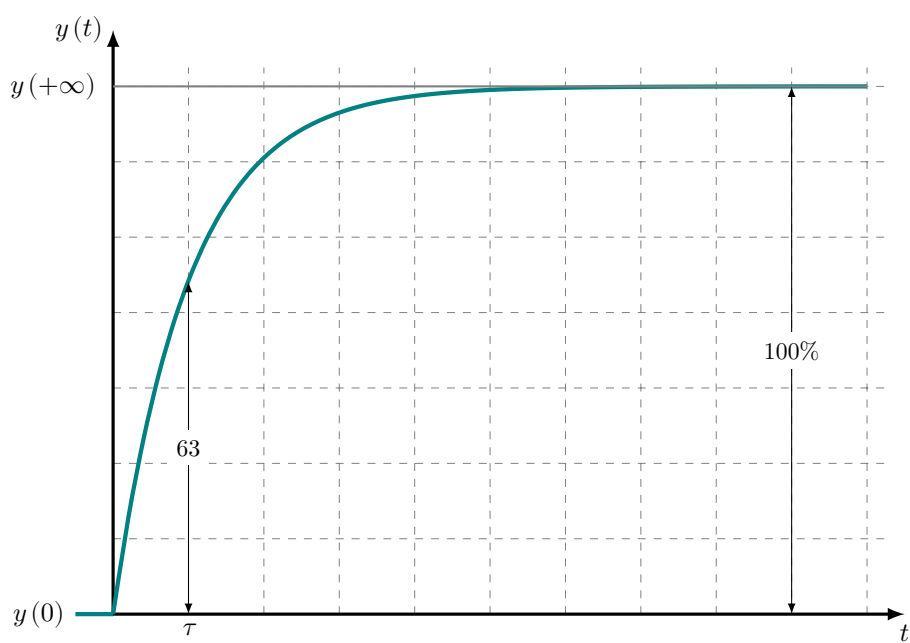

Figure 9: plot function code

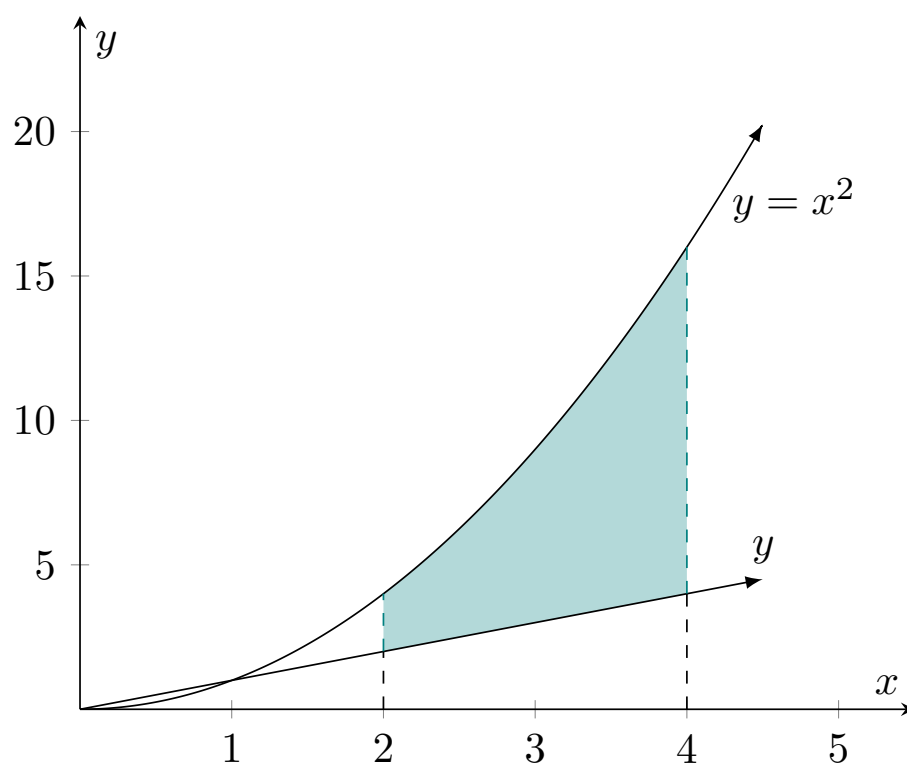# 10 Case tree2

Figure 10: tree2 code

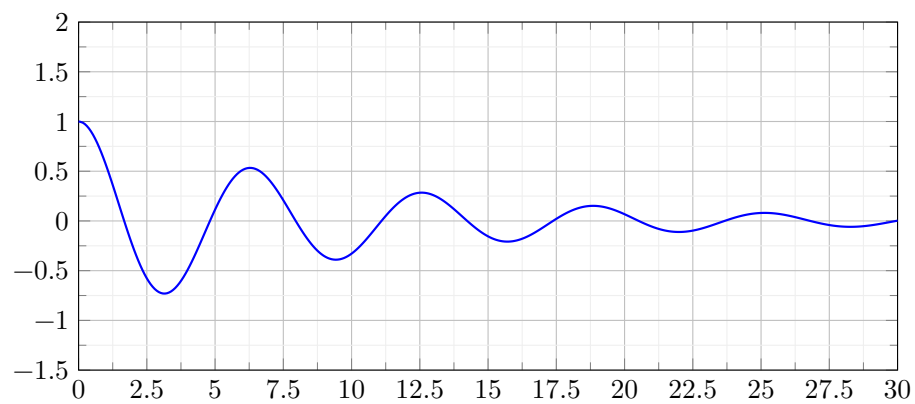# 11 Case curve

Figure 11: curve code

12 Case plot func
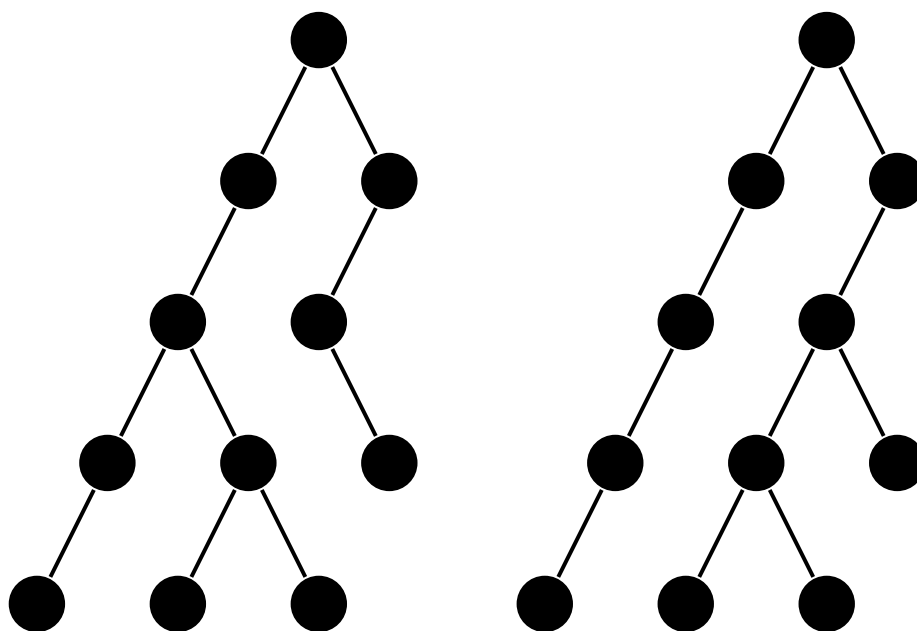

Figure 12: plot func code

13 Case tree1

Figure 13: tree1 code

14 Case latex graphics tikz book5

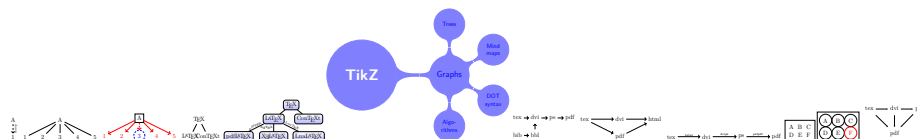Figure 14: latex graphics tikz book5 code

15 Case latex graphics tikz book4

Figure 15: latex graphics tikz book4 code

16 Case latex graphics tikz book1

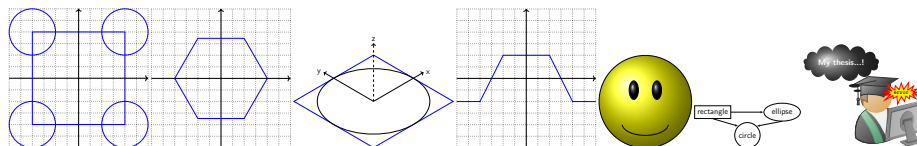

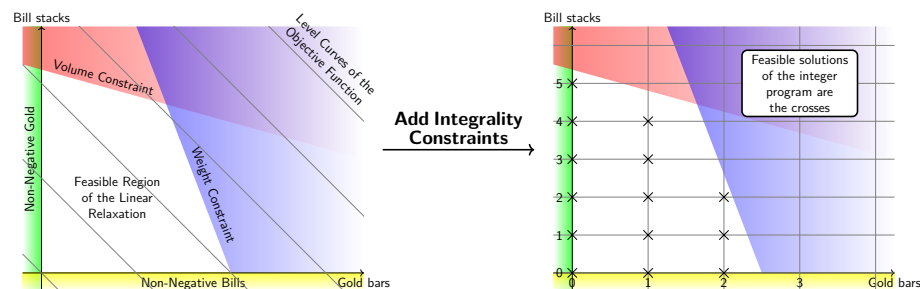Figure 16: latex graphics tikz book1 code

17 Case colored diagram

Figure 17: colored diagram code

18 Case neuron
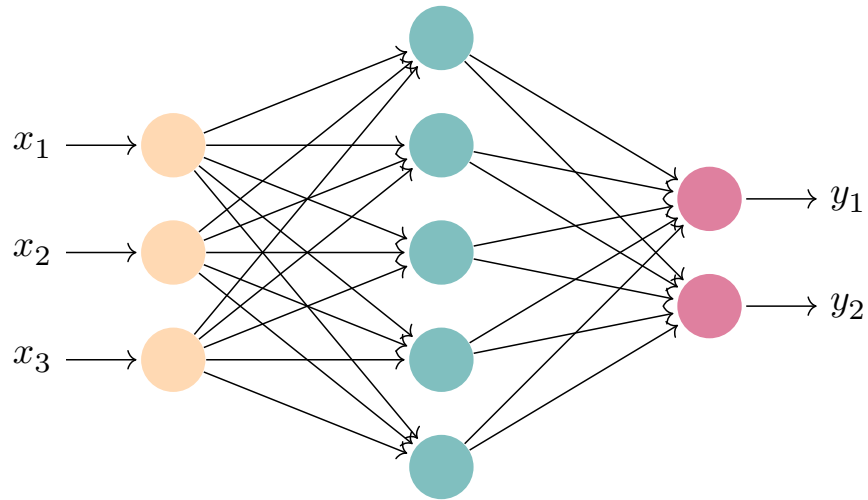

Figure 18: neuron code

19 Case latex graphics tikz book3

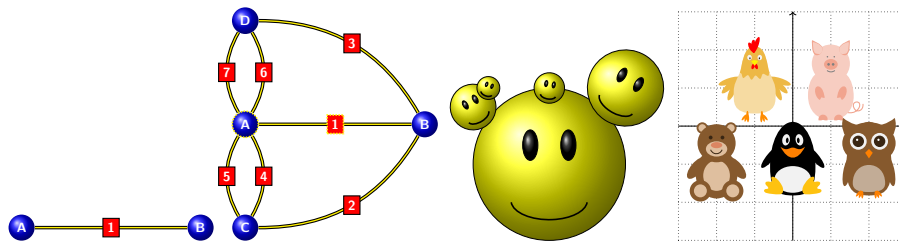

Figure 19: latex graphics tikz book3 code

20 Case latex graphics tikz book2

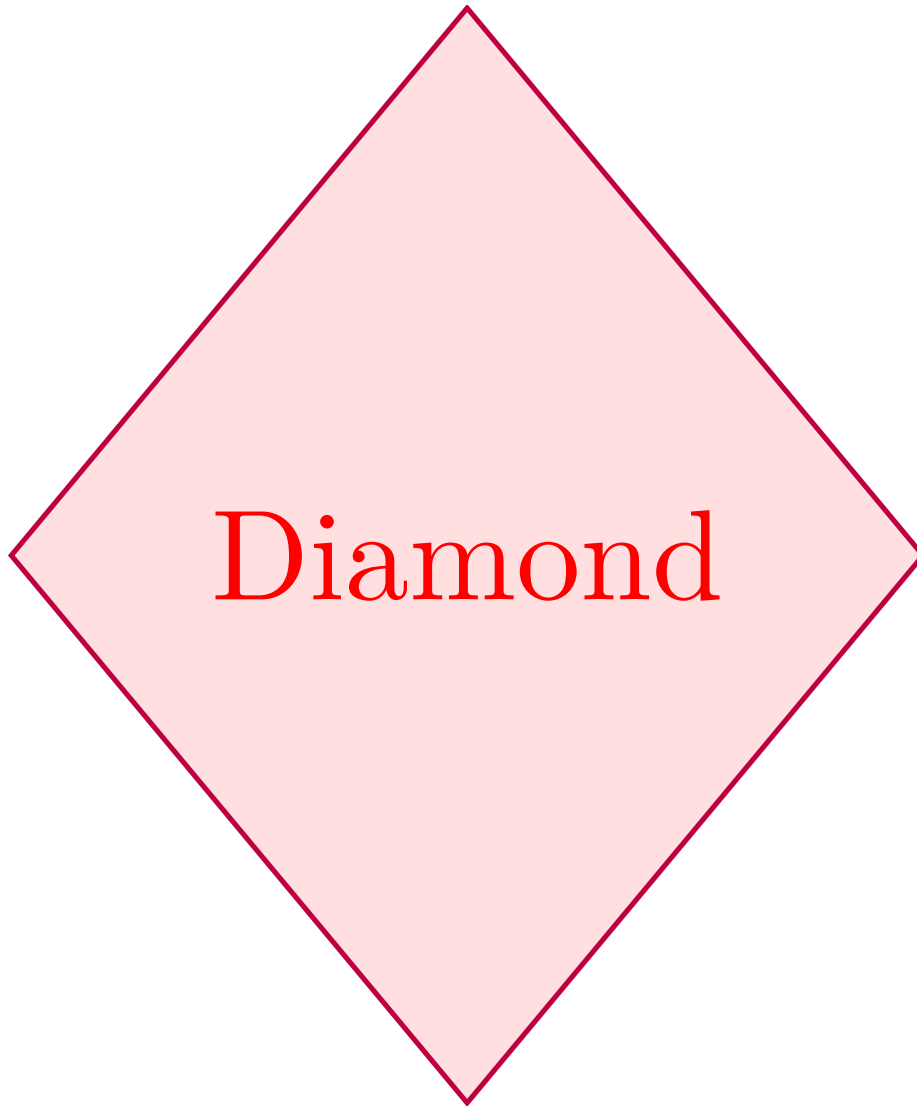Figure 20: latex graphics tikz book2 code

21 Case diamond

Figure 21: diamond code