

# Errata

## Chapter 1

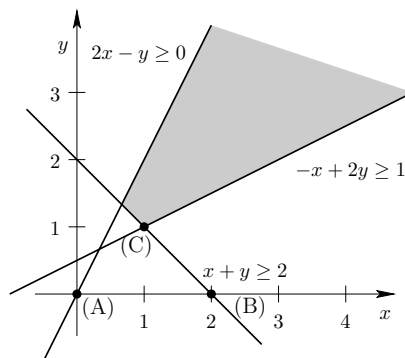
- p. 17, second paragraph from the bottom: 'As explained in Sect. 1.10' should be 'As explained in **Definition** 1.10'.

## Chapter 2

- p. 50, problem 2.3. With Berkmin it is impossible to reach a conflict with the given set of clauses, so solve this question with the VSIDS strategy. When we say '... make a decision that leads to a conflict' we mean to make decisions that eventually lead to a conflict (i.e., it is possible that a conflict can be reached only after several decisions).
- p. 51, problem 2.6. The task here is of course to formulate the described problem in propositional logic.

## Chapter 5

- p. 115, Fig. 5.1: The constraint in the picture ( $-x + 2y \geq 0$ ) does not match the constraint in the example ( $-x + 2y \geq 1$ ). The correct plot is as follows:



- p. 125, Eq. (5.32) last line should be  $K^-$ , not  $J^-$ .

## Chapter 6

- P. 163, Def. 6.9, second line: "that uses only constants on the right-hand side of binary bitwise **operators**, ..."

## Chapter 8

- p. 187, Definition 8.6:  $L_D$  should be  $\mathcal{L}_D$

## Chapter 11

- Fig. 11.2 on page 248: the labeling  $dl < 0$  and  $dl \geq 0$  coming out of ANALYZE-CONFLICT stand for 'decision level'. On the other hand in Alg. 11.2.2 in the previous page we used 'backtrack-level', so the labels should have been  $bl < 0$  and  $bl \geq 0$ .