

# Mathematical models of systems

## Homework 3 (2017-2018)

Hand out: March 6, 2018

Hand in: March 23, 2018

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- Type setting of the solutions has to be done in Latex. The pdf file of the set of solutions has to be send to [h.l.trentelman@rug.nl](mailto:h.l.trentelman@rug.nl) on or before March 23, 2018.
  - It is allowed to discuss the problems with your colleagues.
  - Cooperation in groups of two people of approximately the same level is allowed.
  - Everybody hands in his or her own version.
  - It is not allowed to copy from each other.
  - The exercise numbers refer to the Springer edition of the book which can be downloaded from the website.
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1. Exercise 7.2
2. Exercise 7.4
3. Exercise 7.6
4. Exercise 7.23
5. Exercise 9.6
6. Exercise 9.15
7. Exercise 10.20
8. Exercise 10.21