Preface to the 2nd edition

Three years have passed since the first edition. I intended to write a book with the special focus on students just after finishing the university and then getting acquainted with the industrial point of view. The feedback has given me confidence that I succeeded with this purpose.

Now I was told that it is time to make a review. I had waited for this announcement for a long time. As always, after a text is finished, you start to find the first mistakes, and any feedback, although usually positive, reveals room for improvement. My technique is to create a file containing all suggestions from readers, so that I have a fast startup when revision comes to the top of the agenda. There were a lot of items to correct, and I have to thank all the readers who contributed to this list, although I am angry with myself about every single mistake.

Furthermore, a few chapters have been extended, and a new one on dynamic simulation has been introduced. As I am not very experienced in dynamic simulation, I had the good idea to ask Mrs. Verena Haas from BASF SE to write this introductory chapter. Verena did an impressive master thesis in our company, and I cannot imagine that there is someone more appropriate for this job. She was also the one who suggested to add a PID chapter, and after it was written, she made a number of valuable changes on it. When I met her before her master thesis, I took her as a possible reader; meanwhile, she has become a valuable partner for writing this book.

Hattersheim, February 2020

Michael Kleiber

And remember:

Experience is a thing you claim to have – until you acquire more of it. (Harald Lesch in: α -Centauri)