

Bibliography

- [AD94] R. Alur and D. L. Dill. A theory of timed automata. *Theoretical computer science*, 126(2):183–235, 1994.
- [ÅW97] K. J. Åström and B. Wittenmark. *Computer-Controlled Systems: Theory and Design*. Prentice Hall, 3rd edition, 1997.
- [BD04] D.C. Black and J. Donovan. *SystemC: From the ground up*. Kluwer Academic Publishers, 2004.
- [BK08] C. Baier and J.-P. Katoen. *Principles of Model Checking*. The MIT Press, 2008.
- [CF95] T. Chen and B. Francis. *Optimal Sampled-Data Control Systems*. Springer, 1995.
- [CL08] C. G. Cassandras and S. Lafortune. *Introduction to Discrete Event Systems*. Springer, 2nd edition, 2008.
- [Dau92] I. Daubechies. *Ten Lectures on Wavelets*. CBMS-NSF Regional Conference Series in Applied Mathematics. SIAM, 1992.
- [den]
- [DV09] C.A. Desoer and M. Vidyasagar. *Feedback Systems: Input-Output Properties*. Classics in Applied Mathematics. SIAM, 2009. Republication of the 1975 edition.
- [EAM94] R. J. Elliott, L. Aggoun, and J. B. Moore. *Hidden Markov Models: Estimation and Control*. Springer, 1994.
- [HC08] W. Haddad and V. Chellaboina. *Nonlinear Dynamical Systems and Control: a Lyapunov-Based Approach*. Princeton University Press, 2008.
- [Hyb] Hybrid system tools repository. <http://wiki.grasp.upenn.edu/hst/index.php?n>Main.HomePage>.
- [Pie02] B.C. Pierce. *Types and Programming Languages*. The MIT Press, 2002.

- [PW98] J. W. Polderman and J. C. Willems. *Introduction to Mathematical Systems Theory: A Behavioral Approach*. Springer, 1998.
- [Raz95] B. Razavi. *Data Conversion System Design*. Wiley, 1995.
- [Saf80] M. G. Safonov. *Stability and Robustness of Multivariable Feedback Systems*. MIT Press, 1980.
- [sys]
- [Uns00] M. Unser. Sampling - 50 years after Shannon. *Proceedings of the IEEE*, 88(4):569–587, 2000.
- [UPP] Uppaal. <http://www.uppaal.org>.
- [Wil71] J. C. Willems. *The analysis of feedback systems*. MIT Press, 1971.
- [Yov97] S. Yovine. Kronos: A verification tool for real-time systems. *International Journal of Software Tools for Technology Transfer*, 1(1/2):123–133, 1997.