

List of Publications

Books

- [B1] T. Hägglund. *New Estimation Techniques for Adaptive Control*. PhD thesis ISRN LUTFD2/TFRT--1025--SE, Department of Automatic Control, Lund University, Sweden, December 1983.
- [B2] K. J. Åström and T. Hägglund. *Automatic Tuning of PID Controllers*. Instrument Society of America, Research Triangle Park, North Carolina, 1988.
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- [B5] K. J. Åström and T. Hägglund. *PID Controllers: Theory, Design, and Tuning*. Instrument Society of America, Research Triangle Park, North Carolina, 1995.
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- [B11] T. Hägglund. *Praktisk processreglering (4 uppl.)*. Studentlitteratur AB, Lund, Sweden, 2019.
- [B12] T. Hägglund. *Process Control in Practice*. De Gruyter Textbook. De Gruyter, Germany, August 2023.
- [B13] J. Guzman and T. Hägglund. *Feedforward Control: Analysis, Design, Tuning rules, and Implementation*. De Gruyter Textbook. De Gruyter, Germany, July 2024.

Journal Papers and Book Contributions

- [P1] K. J. Åström and T. Hägglund. "Automatic tuning of simple regulators with specifications on phase and amplitude margins." *Automatica*, **20**, pp. 645–651, 1984.

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- [P6] K. J. Åström, T. Hägglund, C. C. Hang, and W. K. Ho. “Automatic tuning and adaptation for PID controllers—A survey.” *Control Engineering Practice*, **1:4**, pp. 699–714, 1993.
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- [P9] T. Hägglund. “Modern controllers supervise valves automatically.” *InTech*, **43:1**, pp. 44–46, 1996.
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Conference Papers

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