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Recent advances in PI/PID tuning

PID control is well known as the dominant field feedback controller.

Its simplicity, low number of parameters and acceptable performance levels even with “hand tuning” has made it the preferable option by most of the plant operators. During the last decade, some new perspectives on PI/PID tuning have raised that provide a more holistic and global view of the controller tuning procedure. The talk will succinctly provide some examples of new approaches highlighting who they take into account different (and conflicting) figures of merit that evaluate the performance of the resulting control system.

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