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(1993) Mathematical
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Polymerization Reaction
Reactors, Journal of

Macromolecular
Science, Part C, 33:4,
437-527, DOI: 10.1080

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Mathematical optimization is used in much modern controller design. High-level controllers such as model predictive

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control (MPC) or real-time optimization (RTO) employ mathematical optimization. These algorithms run online and repeatedly determine values for decision variables, such as choke openings in a process plant, by iteratively solving a mathematical optimization problem including constraints and a model of the system to be

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controlled.

Mathematical optimization - Wikipedia

Stochastic modeling,
control and
optimization of district
heating systems.
Olafur Petur Palsson.
Abstract. The present
thesis consists of 9
research papers
published in the period
1991-1993 together
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The thesis discusses

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Model predictive control - Wikipedia

John Burns Professor
Burns' current research is focused on computational methods for modeling, control, estimation and optimization of complex systems where spatially distributed information is essential. This includes systems modeled by partial and delay differential equations.

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