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Title: A process simulator interface for multiobjective optimization of chemical processes

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- A novel interface for gradient-based multiobjective optimization of processes.
- Multiple relevant tradeoffs in the Pareto front can be evaluated for complex (bio)chemical processes modeled in Aspen Plus.
- The structure of an equation set object is exploited to transfer gradient information.
- Higher computational performance, better constraint satisfaction and complete Pareto fronts are produced.

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