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## ~~Simulation based optimization - Wikipedia~~

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Chinese J. Chem. Eng., 14 (5) 58491 (2006) Modeling, Simulation and Optimization of a Whole Industrial Catalytic Naphtha Reforming Process on Aspen Plus Platform\* HOU Weifeng (l'ti^r), SU Hongye (\$ jJO\*\*), HU Yongyou (\$ ^) and CHU National Laboratory of Industrial Control Technology, Institute of Advanced Process Control, Zhejiang University, Hangzhou 310027, China Abstract A new 18-lump kinetic model for naphtha catalytic reforming reactions is discussed.

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Hence, this study focuses on modeling and simulation of LDPE tubular reactor and its optimization for multiple objectives for operation, design and grade-change policies. A detailed survey of modeling studies on LDPE tubular reactors in the literature showed significant discrepancies in the kinetic rate parameters from different sources.

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