

Bibliography

1. Al-Arfaj MA, Luyben WL. Plantwide control for TAME production using reactive distillation. *AIChE J.* 2004;50(7):1462-1473.
2. Araujo A, Skogestad S. Control structure design for the ammonia synthesis process. *Comp Chem Eng.* 2008;32(12):2920-2932.
3. Aske EMB, Strand S, Skogestad S. Coordinator MPC for maximizing plant throughput. *Comp Chem Eng.* 2008;32:195-204.
4. Aske EMB, Skogestad S. Consistent inventory control. *Ind Eng Chem Res.* 2009;48(44): 10892-10902.
5. Douglas JM. *Conceptual Design of Chemical Processes*. New York: McGraw Hill, 1988.
6. Gera V, Kaistha N, Panahi M, Skogestad S. Plantwide control of a cumene manufacture process. *Computer Aided Chemical Engineering*, 2011, 29 (8), 522-526.
7. Jagtap R, Kaistha N, Skogestad S. Plantwide control for economic optimum operation of a recycle process with side reaction. *Ind Eng Chem Res.* 2011;50(14):8571-8584.
8. Jagtap R, Kaistha N. Economic plantwide control of the ethyl benzene process. *AIChE J.* 2012; submitted.
9. Jagtap R, Kaistha N. Economic plantwide control of the C₄ isomerization process. *Ind Eng Chem Res.* 2012; submitted.
10. Jagtap R, Kaistha N. Throughput manipulator location selection for economic plantwide control. In Rangaiah GP, Kariwala VA. *Advances in Plantwide Control*. Upper Saddle River NJ: John Wiley and Sons, 2012 in press.
11. Kanodia R, Kaistha N. Plantwide control for throughput maximization: A case study. *Ind Eng Chem Res.* 2010;49(1):210-221.
12. Luyben M.L, Luyben W.L. Design and control of a complex process involving two reaction steps, three distillation columns, and two recycle streams. *Ind. Eng. Chem. Res.* 1995, 34 (11), 3885-3898.
13. Luyben M.L, Tyreus B.D, Luyben W.L. Analysis of control structures for reaction/separation/recycle processes with second order reactions. *Ind. Eng. Chem. Res.* 1996, 35 (3), 758-771.
14. Luyben ML, Tyreus BD, Luyben WL. Plantwide control design procedure. *AIChE J.* 1997;43(12):3161-3174.
15. Luyben WL. Snowball effects in reactor/separator processes with recycle. *Ind Eng Chem Res.* 1994;33(2):299-305.
16. Luyben WL, Tyreus BD, Luyben ML. *Plantwide Process Control*. New York: McGraw Hill, 1999.
17. Luyben WL, Tyreus BD, Luyben ML. Isomerization process, *Plantwide Process Control*, McGraw Hill: New York, 1999, 273-293.
18. Luyben WL. Plantwide control of an isopropyl alcohol dehydration process. *AIChE J.* 2006;52(6):2290-2296.
19. Luyben WL. Design and control of the cumene process. *Ind. Eng. Chem. Res.* 2010, 49 (2), 719.
20. Price RM, Lyman PR, Georgakis C. Throughput manipulation in plantwide control structures. *Ind Eng Chem Res.* 1994;33(5):1197-1207.
21. Shinskey FG. *Process Control Systems: Application, Design and Tuning*. New York: McGraw Hill, 1996.

22. Singh S, Lal S, Kaistha N. Case study on tubular reactor hot-spot temperature control for throughput maximization. *Ind Eng Chem Res*. 2008;47(19):7257-7263.
23. Skogestad S. Plantwide control: The search for the self-optimizing control structure. *J Proc Cont*. 2000, 10(5), 487-507.
24. Skogestad S. Control structure design for complete chemical plants. *Comp Chem Eng*. 2004;28(1-2):219-234.
25. Skogestad S. Do's and dont's of distillation control. *Chem Eng Res Des (Trans I ChemE, Part A)*. 2007;85(A1):13-23.
26. Tyreus BD, Luyben WL. Dynamics and control of recycle systems 4. Ternary systems with one or two recycle stream. *Ind. Eng. Chem. Res*. 1993, 32 (6), 1154-1162.
27. Zhang C, Vasudevan S, Rangaiah GP. Plantwide control system design and performance evaluation for ammonia synthesis process. *Ind Eng Chem Res*. 2010;49(24):12538-12547.