

- Hagh, B. F., Ph.D. Thesis, Univ. California, Los Angeles (1989).
- Hagh, B. F., and D. T. Allen, "Catalytic Hydrodechlorination," *Innovative Hazardous Waste Treatment Technology*, H. M. Freeman, ed., Technomic, (1990).
- Henley, E. J., and J. D. Seader, *Equilibrium-Stage Separation Operations in Chemical Engineering*, Wiley, New York, 171, 184-715 (1981).
- Kalnes, T. N., and R. B. James, "Hydrogenation and Recycle of Organic Waste Streams," *Environ. Prog.*, **7**, 185 (1988).
- LaPierre, R. B., D. Wu, W. L. Kranich, and A. H. Weiss, "Hydrodechlorination of 1,1-Bis(*p*-chlorophenyl)-2,2-dichloroethylene (*p,p'*-DDE) in the Vapor Phase," *J. Cat.*, **52**, 59 (1978a).
- LaPierre, R. B., L. Gucci, W. L. Kranich, and A. H. Weiss, "Hydrodechlorination of 1,1-Bis(*p*-chlorophenyl)-2,2-dichloroethylene in the Liquid Phase," *J. Cat.*, **52**, 218 (1978b).
- "Hydrodechlorination of Polychlorinated Biphenyl," *J. Cat.*, **52**, 230 (1978c).
- Lin, H. M., H. M. Sebastian, and K. C. Chao, "Gas-Liquid Equilibrium in Hydrogen + *n*-Hexadecane and Methane + *n*-Hexadecane at Elevated Temperatures and Pressures," *J. Chem. Eng. Data*, **25**, 252 (1980).
- Ralston, M., "Derivative-Free Nonlinear Regression (AR)," *BMDP Statistical Software Manual*, W. J. Dixon, ed., Univ. Calif. Press, Los Angeles (1988).
- Rollman, R. D., "Catalytic Hydrogenation of Model N-, S-, and O-Compounds," *J. Cat.*, **46**, 243 (1977).
- Sapre, A. V., "Reaction Networks and Kinetics in High-Pressure Hydrosulfurization and Hydrogenation Catalyzed by Sulfided CoO-MoO₃/γ-Al₂O₃," Ph.D. Diss., Univ. Delaware, Newark, 284 (1980).
- Satterfield, C. N., *Mass Transfer in Heterogeneous Catalysis*, MIT Press, Cambridge, MA, 127 (1970).
- Shah, Y. T., and S. Krishnamurthy, "Heteroatom Removal During Liquefaction," *Reaction Engineering in Direct Coal Liquefaction*, Y. T. Shah, ed., Addison-Wesley, Reading, MA (1981).
- Wilke, C. R., and P. Chang, "Correlation of Diffusion Coefficients in Dilute Solutions," *AIChE J.*, **1**, 264 (1955).

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Errata

In the paper titled "Analysis of Autocatalytic Reactions in Isothermal Catalyst Particles" (March 1990, p. 342), the following corrections are made:

Definition of parameter α in Eq. 8 on p. 343:

$$\alpha = k_u/k_1 a_0^a \text{ should be } \alpha = k_u/k_1 a_0^n$$

Equation 13 on p. 343: $w_1(1, t_2, t_2)$ should be $w_1(1, t_1, t_2)$

Equation B1 on p. 351: g_i should be G_i and w_{18} should be w_1

Line above Eq. B6 on p. 352: $q_i^3 \rightarrow q_{i3}$