

## REFERENCES

Armor, J. N. (1994), Environmental Catalysis, American Chemical Society, Washington, DC, USA.

Bauerle, G. L., Sorensen, L. L. C., and Nobe, K. (1974), Nitric Oxide Reduction on Copper-Nickel Catalysts, Ind.Eng.Chem.Prod.Res.Develop., Vol13, No.1.

Benitez, J. (1993), Process Engineering and Design for Air Pollution Control, PTR Prentice Hall Englewood Cliffs, New Jersey, USA.

Cho, B. K. (1993), Nitric Oxide Reduction by Hydrocarbons over Cu-ZSM-5 Monolith Catalyst under Lean Conditions: Steady-State Kinetics, Journal of Catalysis, 142, 418-429.

Butler, J. D., and Davis, D. R. (1976), Kinetics of Reaction between Nitrogen Mono-oxide and Carbon Mono-oxide over Palladium-Alumina and Ruthenium-Alumina Catalysts, Journal of Chemical Society Dalton transactions, 21, 2249-53.

Halasz, I., and Brenner, A. (1993), Catalytic Reduction of Nitric Oxide on PdO-MoO<sub>3</sub>/γ-Al<sub>2</sub>O<sub>3</sub>, Applied Catalysis B:Environmental,2,131-146.

Heck, R. M., and Farrauto, R. J. (1995), Catalytic Air Pollution Control, Van Nostrand Reinhold, New York, USA.

Held, W., and et. al., (1990), Catalytic Nox reduction in Net Oxidizing Exhaust Gas, SAE paper, 900496.

Iwamoto, M., and Hamada, H. (1992), Removal of Nitrogen monoxide from exhaust gases through Novel catalytic processes, Catalysis Today, 10 , 57 - 71.

Kobylinski, T. P., and Taylor, B. W. (1974), The Catalytic Chemistry of Nitric Oxide II. Reduction of Nitric Oxide Over Noble Metal Catalysts, Journal of Catalysis, 33, 376-384.

Konno, M., Chikahisa, T., Marayama, T., and Masakazu Iwamoto (1992), Catalytic Reduction of NO<sub>x</sub> in Actual Diesel Engine Exhaust, SAE paper, 920091.

Le Page, J. F. (1987), Applied heterogeneous catalysis : design manufacture use of solid catalysts, Gulf Publishing company, Houston , Texas, USA.

Logan, A. D., and Paffett, M. T. (1992), Steady-State CO Oxidation Kinetics over the Pd(100) Single Crystal Surface and the c(2 x 2)-Sn/Pd(100) Bimetallic Surface Alloy, Journal of Catalysis, 133, 179-190.

Moulijn, J. A., Leeuwen, P. W. N. M., and Santen, R. A. (1993), Catalysis, Elsevier Science Publishers B.V., Amsterdam, The Netherlands.

Nakatsuji, T., and Miyamoto, A. (1991), Removal Technology for Nitrogen Oxides and Sulfur Oxides from Exhaust Gases, Elsevier Science Publishers B.U., 21-31.

Peden, C. H. F., Belton, D. N., and Schmiege, S. J. (1995), Structure Sensitive Selectivity of the NO-CO Reaction over Rh(110) and Rh(111), Journal of Catalysis , 155, 204-218.

Schlatter, J. C., and Taylor, K. C. (1977), Platinum and Palladium Additive to Supported Rhodium Catalysts for Automotive Emission Control, Journal of catalysis, 49,42-50.

Sell, N. J. (1992), Industrial Pollution Control, Van Nostrand Reinhold, New York, USA.

Shelef, M., Otto, K., and Gandhi, H.(1968), The Oxidation of CO by O<sub>2</sub> and by NO on Supported Chromium Oxide and Other Metal Oxide Catalysts, Journal of Catalysis, 12, 361-375.

Summers, J .C., Williamson, W. B., and.Henk, M. G. (1989), Uses of Palladium in Automotive Emission Control Catalysts, Society of Automotive Engineers, 880281, 158-176.

Taylor, K. C. and Klimisch, R. L. (1973), The Catalytic Reduction of Nitric Oxide over Supported Ruthenium Catalysts, Journal of Catalysis, 30, 478-484.

Xu, X., Chen, P., and Goodman, D. W. (1994), A Comparative Study of the Coadsorption of CO and NO on Pd(100), Pd(111) and Silica-Supported Palladium Particles with Infrared Reflection-Absorption Spectroscopy, J.Phys.Chem.98,9242-9246.

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