REFERENCES

Cauqyi, M. A., and Rodriguez-Izquierdo, J. M. (1992). Application of sol-gel methods to catalyst preparation. Journal of Non-crystalline Solids, 147, 724-738.

Chen, Y. G., Tomishihige, K., Yokoyama, K., and Fujimoto, K. (1997). Promoting effect of Pt, Pd and Rh noble metals to the $Ni_{0.03}Mg_{0.97}O$ solid solution catalysts for the reforming of CH_4 with CO_2. Applied Catalysis A, 165, 335-347.

Cho, I. Y., Park S. B., Cho, J. C., and Ryoo, R. (1998) Investigation of Pt/ γ-Al_2O_3 catalysts prepared by sol-gel method. Journal of Catalysis, 173, 295-303.

Froment, F. G., and Bischoff, K. B. (2^{nd} ed.). (1990). Chemical Reactor Analysis and Design. Singapore: John Wiley & Sons.

Gadalla, A. M., and Bower, B. (1988). The role of catalyst support on the activity of nickel for reforming methane with CO_2. Chemical Engineering Science, 43(11), 3049-3062.

Gesser, H. D., Hunter, N. R., Shigapov, A. N., and Januati, V. (1994). Carbon dioxide reforming with methane to CO and H_2 in a hot wire thermal diffusion collumn (TDC) reactor. Energy & Fuels, 8, 1123-1125.

Gonzalez, R. D., Lopez, T., and Gomez, R. (1997). Sol-gel preparation of supported metal catalysts. Catalysis Today, 35, 293-317.

Ho, S., and Chou, C. (1995) The role of anion in the preparation of nickel catalyst detected by TPR and FTIR spectra. Industrial Engineering Chemistry Research, 34, 2279-2284.

Ishiguro, K., Ishikawa, T., Kakuta, N., Ueno, A., Mitarai, Y., and Kamo, T. (1990). Characterization of alumina prepared by sol-gel methods and

its application to MoO_3-CoO-Al_2O_3 catalyst. Journal of Catalysis, 123, 523-533.

Krylov, O. V., and Mamedov, A. K. (1995). Heterogeneous catalytic reaction of carbon dioxide. Russian Chemical Review, 64(9), 877-900.

Kung, H. H., and Ko, E. I. (1996) Preparation of oxide catalysts and catalyst supports-a review of recent advances. The Chemical Engineering Journal, 64, 203-214.

Li, C., and Chen, Y. (1995) Temperature programmed reduction studies of nickel oxide/alumina catalysts: effects of the preparation method. Thermochimica, 256, 457-465.

Ross, J. R. H., Van Keulen, A. N. J., Hegarty, M. E. S., and Seshan, K. (1996). The catalytic conversion of natural gas to useful products. Catalysis Today, 30, 193-199.

Rostrup-Nielsen, J. R. (1984). Catalytic Steam Reforming. Berlin: Springer-Verlag.

Rostrup-Nielsen, J. R., and Bak Hansen, J. H. (1993). CO_2 reforming of methane over transition metals. Journal of Catalysis, 144, 38-49.

Ruckenstein, E., and Hu, Y. H. (1995). Carbon dioxide reforming of methane over nickel/alkaline earth metal oxide catalysts. Applied Catalysis A, 133, 149-161.

Satterfield, C. N. (2^{nd} ed.). (1991). Heterogeneous in Industrial Practice. United States of America: McGraw-Hill.

Wang, S., Lu, G. Q., and Millar, G. J. (1996). Carbon dioxide reforming of methane to produce synthesis gas over metal-supported catalyst. Energy & Fuels, 10, 896-904.

Wang, S., and Lu, G. Q. (1998a). CO_2 reforming of methane on Ni catalysts: effect of the support phase and preparation technique. Applied Catalysis B, 16, 269-277.

Wang, S., and Lu, G. Q. (1998b). Reforming of methane with carbon dioxide over Ni/Al_2O_3 catalysts: effect of nickel precursor. Applied Catalysis A, 169, 271-280.

Ward, D. A., and Ko, E. I. (1995). Preparation catalytic materials by the sol-gel method. Industrial Engineering Chemistry Research, 34, 421-433.

Zhang, Z., and Verykios, X. E. (1994). Carbon dioxide reforming of methane to synthesis gas over supported catalysts. Catalysis Today, 21, 589-595.

Zhang, Z., and Verykios, X. E. (1996). Carbon dioxide reforming of methane to synthesis gas over Ni/La_2O_3. Applied Catalysis A, 138, 109-133.

CURRICULUM VITAE

Name : Mr. Krit Punburananon

Birth Date : December 15th , 1975

Nationality : Thai

University Education :

1993-1997 Bachelor's Degree of Engineering in Chemical Engineering
Faculty of Engineering, Kasetsart University,
Bangkok , Thailand