

, 彰化, 民國93年6月。 10. Alkan M., Celikcapa S., Demirbas O. and Dogan M., " Removal of reactive blue 221 and acid blue 62 anionic dyes from aqueous solution by sepiolite " , *Dyes and Pigments*, Vol.65, pp.251-259, 2005. 11. Allen S.J., Mckay G. and Porter J.F., " Adsorption isotherm models for basic dye adsorption by peat in single and binary component systems " , *Journal of Colloid and Interface Science*, Vol.280, pp.322-333, 2004. 12. Basar C.A., " Applicability of the various adsorption models of three dyes adsorption onto activated carbon prepared waste apricot " , *Journal of Hazardous Materials*, Vol.B135, pp.232-241, 2006. 13. Choy K.K.H., Porter J.F. and Mckay G., " Intraparticle diffusion in single and multicomponent acid dye adsorption from wastewater onto carbon " , *Chemical Engineering Journal*, Vol.103, pp.133-145, 2004. 14. Garg V.K., Amita M., Kumar R. and Gupta R., " Basic dye (methylene blue) removal from simulated wastewater by adsorption using Indian Rosewood sawdust: a timber industry waste " , *Dyes and Pigments*, Vol.63, pp.243-250, 2004. 15. Kargi F. and Ozmihci S., " Biosorption performance of powdered activated sludge for removal of different dyestuffs " , *Enzyme and Microbial Technology*, Vol.35, pp.267-271, 2004. 16. Lin H.F., Ravikrishna R. and Valsaraj K.T., " Reusable adsorbents for dilute solution separation. 6. Batch and continuous reactors for the adsorption and degradation of 1,2-dichlorobenzene from dilute wastewater streams using titania as a photocatalyst " , *Separation and Purification Technology*, Vol.28, pp.87-102, 2002. 17. Macedo J.S., Junior N.B.C., Almeida L.E., Vieira E.F.S., Cestari A.R., Gimenez I.F., Carreno N.L.V. and Barreto L.S., " Kinetic and calorimetric study of the adsorption of dyes on mesoporous activated carbon prepared from coconut coir dust " , *Journal of Colloid and Interface Science*, Vol.298, pp.515-522, 2006. 18. Malik P.K., " Dye removal from wastewater using activated carbon developed from sawdust: adsorption equilibrium and kinetics " , *Journal of Hazardous Materials*, Vol.B113, pp.81-88, 2004. 19. Mall I.D., Srivastava V.C., Agarwal N.K. and Mishra I.M., " Adsorptive removal of malachite green dye from aqueous solution by bagasse fly ash and activated carbon-kinetic study and equilibrium isotherm analyses " , *Colloids and Surfaces A: Physicochem. Eng. Aspects*, Vol.264, pp.17-28, 2005. 20. Nakagawa K., Namba A., Mukai S.R., Tamon H., Ariyadejwanich P. and Tanthapanichakoon W., " Adsorption of phenol and reactive dye from aqueous solution on activated carbons derived from solid wastes " , *Water Research*, Vol.38, pp.1791-1798, 2004. 21. Namane A., Mekarzia A., Benrachedi K., Belhaneche-Bensemra N. and Hellal A., " Determination of adsorption capacity of activated carbon made from coffee grounds by chemical activation with $ZnCl_2$ and H_3PO_4 " , *Journal of Hazardous Materials*, Vol.B119, pp.189-194, 2005. 22. Ozacar M. and Sengil I.A., " Adsorption of metal complex dyes from aqueous solutions by pine sawdust " , *Bioresource Technology*, Vol.96, pp.791-795, 2005. 23. Ozcan A.S., Erdem B. and Ozcan A., " Adsorption of Acid Blue 193 from aqueous solutions onto Na-bentonite and DTMA-bentonite " , *Journal of Colloid and Interface Science*, Vol.280, pp.44-54, 2004. 24. Onal Y., " Kinetics of adsorption of dyes from aqueous solution using activated carbon prepares from waste apricot " , *Journal of Hazardous Materials*, Vol.B137, pp.1719-1728,2006. 25. Rajgopal S., Karthikeyan T., Kumar B.G.P. and Miranda L.R., " Utilization of fluidized bed reactor for the production of adsorbents in removal of malachite green " , *Chemical Engineering Journal*, Vol.116, pp.211-217, 2006. 26. Rao V.V.B. and Rao S.R.M., " Adsorption studies on treatment of textile dyeing industrial effluent by flyash " , *Chemical Engineering Journal*, Vol.116, pp.77-84, 2006. 27. Rozada F., Otero M., Parra J.B., Moran A. and Garcia A.I., " Producing adsorbents from sewage sludge and discarded tyres Characterization and utilization for the removal of pollutants from water " , *Chemical Engineering Journal*, Vol.114, pp.161-169, 2005. 28. Senthikumaar S., Kalaamani P. and Subburaam C.V., " Liquid phase adsorption of Crystal violet onto activated carbons derived from male flowers of coconut tree " , *Journal of Hazardous Materials*, Vol.B136, pp.800-808, 2006. 29. Tanthapanichakoon W., Ariyadejwanich P., Japthong P., Nakagawa K., Mukai S.R. and Tamon H., " Adsorption-desorption characteristics of phenol and reactive dyes from aqueous solution on mesoporous activated carbon prepared from waste tires " , *Water Research*, Vol.39, pp.1347-1353, 2005. 30. Tsumura T., Kojitani N., Umemura H., Toyoda M., Inagaki M., " Composites between photoactive anatase-type TiO_2 and adsorptive carbon " , *Applied Surface Science*, Vol.196, pp.429-436, 2002. 31. Uzun I. and Guzel F., " Rate studies on the adsorption of some dyestuffs and p-nitrophenol by chitosan and monocarboxymethylated(mcm)-chitosan from aqueous solution " , *Journal of Hazardous Materials*, Vol.B118, pp.141-154, 2005. 32. Yener J., Kopac T., Dogu G. and Dogu T., " Adsorption of Basic Yellow 28 from aqueous solutions with clinoptilolite and amberlite " , *Journal of Colloid and Interface Science*, Vol.294, pp.255-264, 2006. 33. Yoneyama H. and Torimoto T., " Titanium dioxide/adsorbent hybrid photocatalysts for photodestruction of organic substances of dilute concentrations " , *Catalysis Today*, Vol.58, pp.133-140, 2000.