

Chemical Reaction Engineering Solutions Manual

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reaction rate ...

che 344 chemical reaction engineering winter 1999 final ... - a) the reaction is exothermic and adiabatic. addition of inerts will lower the exit temperature and hence will increase the conversion. b) decreasing the flow rate will not change the exit condition because it is an equilibrium condition. c) equilibrium is reached early in the reaction, so increase temperature, decrease equilibrium conversion.

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problem represented as: $d^2c/dx^2 = f(c)$ (1) which is a dimensionless form of the diffusion with reaction problem.

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