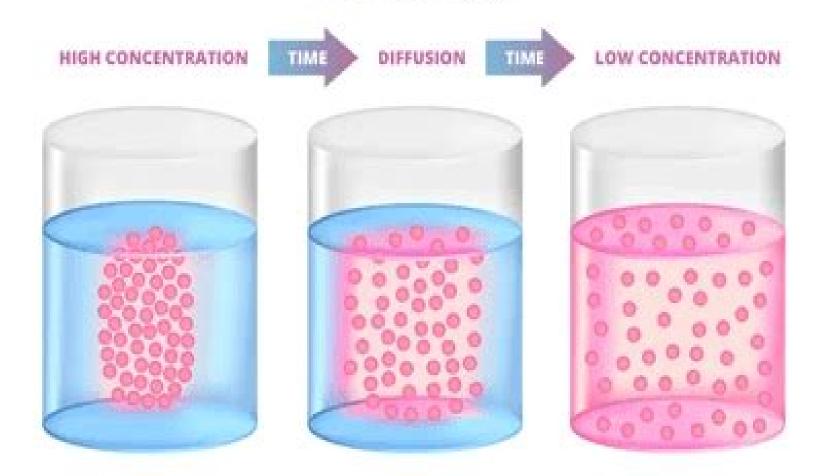
# **DIFFUSION**



# Molecular diffusion in mass transfer

# **Mass Transfer By Diffusion**

**Koichi Asano** 

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Mass Transfer in Heterogeneous Catalysis Charles N. Satterfield,1970

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It offers an approach to rigorously simulating the mass heat and momentum transfer under turbulent flow conditions with the help of two newly published models namely the C 2 C model and the Reynolds mass flux model especially with regard to predictions of concentration temperature and velocity distributions in chemical and related processes The book will also allow readers to understand the interfacial phenomena accompanying the mass transfer process and methods for modeling the interfacial effect such as the influences of Marangoni convection and Rayleigh convection The CMT methodology is demonstrated by means of its applications to typical separation and chemical reaction processes and equipment including distillation absorption adsorption and chemical reactors Professor Kuo Tsong Yu is a Member of the Chinese Academy of Sciences Dr Xigang Yuan is a Professor at the School of Chemical Engineering and Technology Tianjin University China

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