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利用最大泡压法研究扩散控制的溶液表面吸附动力学

利用业大品技术学校 密发物商素表面电力分 ARX-1. 主题子,MESSONUP²

a School of Science, Tianjin University, Tianjin 300072, China

b Willem-Onstained Institute of Physical and Theoretical Chemistry, Leipzig University, Linneistr 2, D-04103Leipzig, Germany 使利用用 特别证明 网络聚合目用 接受目 服务 In studying the diffusion-controlled adsorption kinetics of aqueous surfactant solutions at the air/solution surface by means of the maximal bubble pressure method, Fick's diffusion equation for a sphere should be used. In this paper the equation was solved by means of Laplace transformation under different initial and boundary conditions. The dynamic surface and (f) for a surfaciant solution, which was used to describe the diffusion-controlledsorption kinetics of aqueous surfactant solutions as a water.

(f) for a surfaction solution, which was used to describe the diffusion-controlledsorption kinetics of aqueous surfactant solutions as the air/solution surface, was derived. Different from the planar surface add (f) for a surface in solution, which was used to describe the diffusion-controlledsorption kinetics of aqueous surface that solutions as the air/solution surface. Was derived. Different from the planar surface add (f) for a surface in solution. Which was used to describe the diffusion-controlledsorption kinetics of aqueous surface and the surface and solution and the surface and solution and solution. Which was used to describe the diffusion-controlledsorption kinetics of aqueous surface and solutions are surface and solution and solution. Which was used to describe the diffusion-controlledsorption kinetics of aqueous surface and solution and solution with a surface and solution and solution. Which was used to describe the diffusion-controlledsorption kinetics of aqueous surface and solution and solution with a surface and solution with a surface and solution with a surface and sol

关键词 <u>扩散控制系统</u> <u>吸附动力学</u> <u>动表圆张力</u> <u>化学反应</u> 分类号 DOI:

Diffusion-constructed Adoreption Kinetics at Air/Solution Surface Studied by Maximum Bubble Pressure Method

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