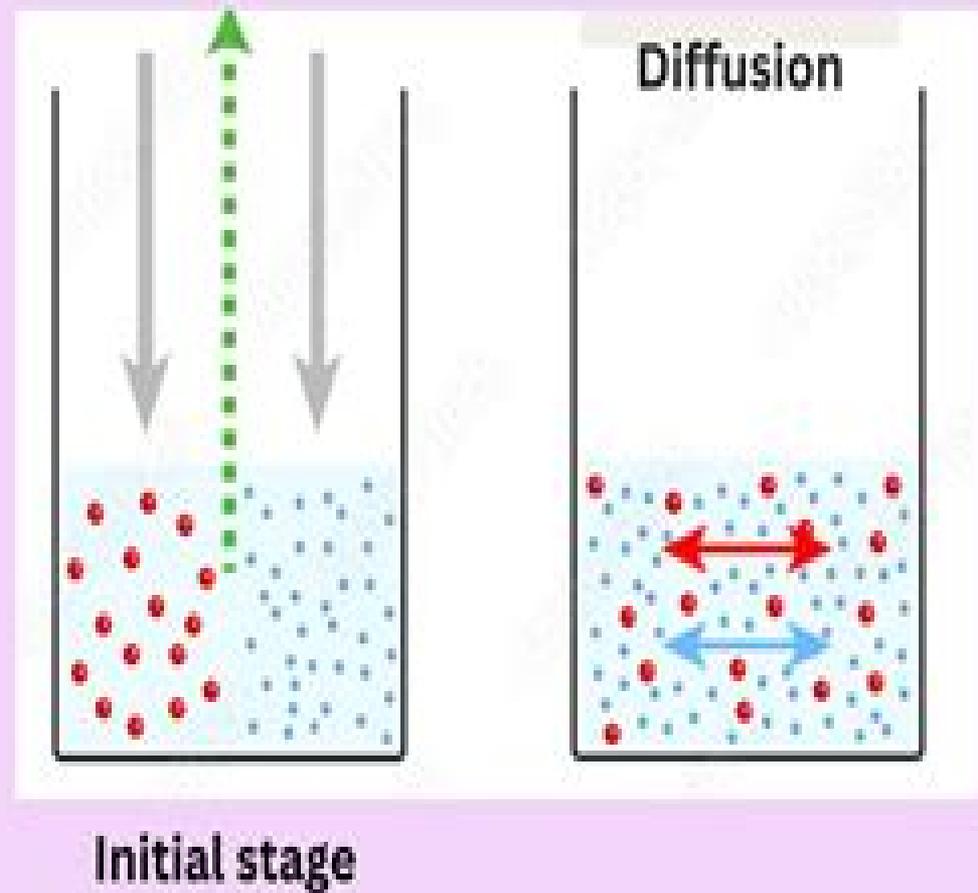


Diffusion

Diffusion is the movement of particles from an area of high concentration to an area of lower concentration.



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C Cleary



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Diffusion Processes, Structure, and Properties of Metals Samuil Zeĭlikovich Bokshteĭn, 1965 *Nuclear Science Abstracts*, 1966

Structural Properties of Porous Materials and Powders Used in Different Fields of Science and Technology Yury Mironovich Volkovich, Anatoly Nikolaevich Filippov, Vladimir Sergeevich Bagotsky, 2014-07-22 This book provides a comprehensive and concise description of most important aspects of experimental and theoretical investigations of porous materials and powders with the use and application of these materials in different fields of science technology national economy and environment It allows the reader to understand the basic regularities of heat and mass transfer and adsorption occurring in qualitatively different porous materials and products and allows the reader to optimize the functional properties of porous and powdered products and materials Written in an straightforward and transparent manner this book is accessible to both experts and those without specialist knowledge and it is further elucidated by drawings schemes and photographs Porous materials and powders with different pore sizes are used in many areas of industry geology agriculture and science These areas include i a variety of devices and supplies ii thermal insulation and building materials iii oil bearing geological gas bearing and water bearing rocks and iv biological objects Structural Properties of Porous Materials and Powders Used in Different Fields of Science and Technology is intended for a wide ranging audience specializing in different fields of science and engineering including engineers geologists geophysicists oil and gas producers agronomists physiologists pharmacists researchers teachers and students

Diffusion Processes in Advanced Technological Materials Devendra Gupta, 2004-12-31 This new game book for understanding atoms at play aims to document diffusion processes and various other properties operative in advanced technological materials Diffusion in functional organic chemicals polymers granular materials complex oxides metallic glasses and quasi crystals among other advanced materials is a highly interactive and synergic phenomenon A large variety of atomic arrangements are possible Each arrangement affects the performance of these advanced polycrystalline multiphase materials used in photonics MEMS electronics and other applications of current and developing interest This book is written by pioneers in industry and academia for engineers chemists and physicists in industry and academia at the forefront of today's challenges in nanotechnology surface science materials science and semiconductors

Otto E. Miller, Plaintiff-Respondent, Against Fred W. Smythe, Defendant-Appellant, **Review of Metal Literature** American Society for Metals, 1965 An annotated survey of articles and technical papers appearing in the engineering scientific and industrial journals and books here and abroad

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