



Trends in Colloid and Interface Science VII

By -

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 Synthesis 'in situ' of nanoparticles in reverse micelles.- Preparation and properties of dispersions of colloidal boehmite rods.- Dynamic light scattering from concentrated particle dispersions.- Reaction-controlled self-assembly of amphiphilic membranes.- Spinodal fractals.- Time-resolved simultaneous small- and wide-angle x-ray diffraction on dipalmitoylphosphatidylcholine by laser temperature-jump.- Static and dynamic depolarized laser light scattering from large aggregates in equilibrium with small vesicles.- Structure of clathrin-coated vesicles from contrast-variation small-angle neutron scattering data.- On the zeta-potential of sulfonated polystyrene model colloids.- Electrical properties of polystyrene particles from negative electrolyte adsorption measurements.- Coalescence mechanisms of polymer colloids.- The specific interactions between HEUR associative polymers and surfactants.- Diffusion and sizes of micelles in polymer solutions and gels.- Influence of solvents on the formation of lyotropic mesophases in binary systems.- The study of a colloidal crystal using ultra small-angle x-ray scattering (USAXS).- Characterization of a PEO-PPO-PEO block copolymer system.- Block copolymer in aqueous solution: Micelle formation and hard-sphere crystallization.- Phase behavior of surfactant-alcohol-oil-water cubic liquid crystals.- Laser scattering studies of structural and dynamic colloidal properties of protoplasm and blood.- Inverse problems in neutron and x-ray reflectivity...



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