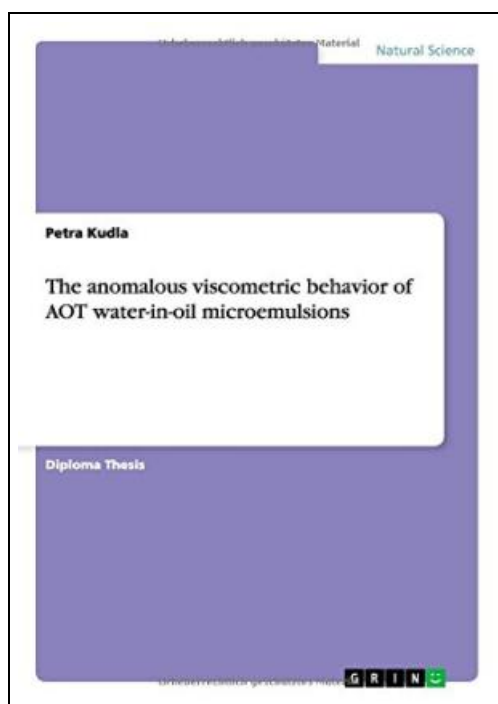


The Anomalous Viscometric Behavior of Aot Water-In-Oil Microemulsions



Filesize: 4.44 MB

Reviews

This type of publication is every thing and taught me to searching ahead and more. It can be rally fascinating throgh reading through period of time. You can expect to like how the blogger write this pdf.
(Dr. Jillian Champlin IV)

THE ANOMALOUS VISCOMETRIC BEHAVIOR OF AOT WATER-IN-OIL MICROEMULSIONS

[DOWNLOAD](#)

GRIN Verlag. Paperback. Book Condition: New. Paperback. 60 pages. Dimensions: 8.3in. x 5.8in. x 0.1in. Diploma Thesis from the year 2007 in the subject Chemistry - Physical and Theoretical Chemistry, grade: 1, 0, University Karlsruhe (TH) (Mechanische Verfahrenstechnik und Mechanik), course: Physikalische Chemie, Verfahrenstechnik, language: English, abstract: AOT-heptane-D2O as well as AOT-decane-D2O inverse microemulsions have been studied by using dynamic light scattering (DLS), microscopy, and rheology. These ternary systems are treated like dispersions of colloidal particles. Viscosity investigations for dilute and concentrated samples for both systems show an anomalous maximum with increasing droplet size. In contrast to speculations in earlier work, the maximum is attributed to the appearance of vesicles. They are readily observed in microscopy and lead to non-exponential relaxation in dynamic light scattering. A low to moderate concentration of the vesicles is suggested as an explanation for the observed Newtonian rheology. Furthermore a lower phase boundary corresponding to emulsification failure has been detected for AOT-heptane-D2O, useful as a starting point for systematic studies of droplet interactions, droplet shape fluctuations and percolation phenomena in AOT systems. The results are discussed in the context of earlier investigations of these inverse microemulsions. This item ships from multiple locations. Your book may arrive from Roseburg,OR, La Vergne,TN. Paperback.

[Read The Anomalous Viscometric Behavior of Aot Water-In-Oil Microemulsions Online](#)[Download PDF The Anomalous Viscometric Behavior of Aot Water-In-Oil Microemulsions](#)

Other Books

**Born Fearless: From Kids' Home to SAS to Pirate Hunter - My Life as a Shadow Warrior**

Quercus Publishing Plc, 2011. Hardcover. Book Condition: New. No.1 BESTSELLERS - great prices, friendly customer service â" all orders are dispatched next working day.

[Read PDF »](#)

**Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Read PDF »](#)

**My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests**

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English . Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts...

[Read PDF »](#)

**Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.

[Read PDF »](#)

**Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.

[Read PDF »](#)