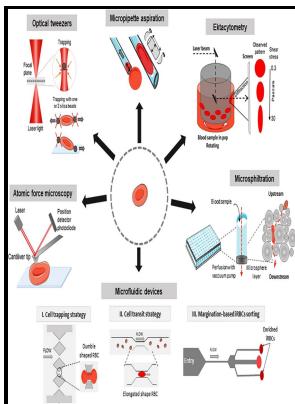


# Optical deformability of fluid interfaces

Nova Science Publishers - OSA

Description: -



Digital integrated circuits  
Metal oxide semiconductors, Complementary Latin America -- Economic conditions -- 1982-  
Ecuador -- Economic conditions -- 1972-  
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Egypt -- Economic policy  
Taxation -- Egypt  
Taxation -- Egypt  
Privatization -- Egypt  
Investments -- Egypt  
Fiscal policy -- Egypt  
Light absorption  
Interfaces (Physical sciences)  
Liquids -- Effect of radiation on  
Liquids -- Magnetic properties  
Liquids -- Optical properties  
Optical deformability of fluid interfaces  
Notes: Includes index.  
This edition was published in 2009



Filesize: 8.710 MB

Tags: #Nanometric #measurement #of

#optical #pressure #deformation #of #fluid #interface #by #digital #holography

## Overview < Fluid Interfaces — MIT Media Lab

In one embodiment of the present invention, the imaging optics 600 are used to measure the degree of deformation of the objects 600. For determining shear modulus in the present experiments, the trap was focused near the surface of the flow cell.

### [PDF] Theoretical considerations of laser induced liquid

The UV lamp, with a peak wavelength at 365 nm, is used to illuminate the photoresist for a length of time that depends on the thickness of the photoresist, typically 20 mins for 25  $\mu\text{m}$  thick photoresist.

### Kappa carrageenan fluid gel material properties. Part 1: Rheology

Floating behavior of hydrophobic glass spheres. For example, such a modular system enables biological cells to be trapped and studied over a long period at their native locations in the cultured media or tissues. The container was carefully positioned on the sample stage of the X-ray CT equipment VersaXRM-500 High-Resolution 3D X-ray Tomography Microscope System, ZEISS® Xradia, Pleasanton, CA, USA ,.

### US8119976B2

A parametric study of dynamos in a rotating sphere shows a rich space of dynamic solutions, with stationary, aperiodic, and small-scale dynamo regimes controlled by Ekman and Reynolds numbers.

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