Author(s): Cox, SJ (Cox, S. J.); Teixeira, PIC (Teixeira, P. I. C.); Vaz, MF (Vaz, M. Fatima) Title: Simulation of defects in bubble clusters

Source: Journal of Physics-Condensed Matter, 22 (6): Art. No. 065101 FEB 17 2010

Language: English

Document Type: Article

KeyWords Plus: Field-Theory; Topological Defects; Cellular Structures; Random Patterns; 2 Dimension; Elastoplasticity; Disclination; Energy N; Foams; SOAP

Abstract: Topological defects in a foam, either isolated (disclinations and dislocations) or in pairs, affect the energy and stress, and play an important role in foam deformation. Surface Evolver simulations were performed on large finite clusters of bubbles. These allow us to evaluate the effect of the topology of the defects, and the distance between defects, on the energy and pressure of foam clusters of different sizes. The energy of such defects follows trends similar to known analytical results for a continuous medium.

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Publisher: IOP Publishing LTD Publisher Address: DIRAC HOUSE, TEMPLE BACK, Bristol BS1 6BE, ENGLAND ISSN: 0953-8984 Article Number: 065101 DOI: 10.1088/0953-8984/22/6/065101 ISO Source Abbrev.: J. Phys.-Condes. Matter ISI Document Delivery No.: 549FY