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سمینار هفتگی ماده چگال نرم

Novel Defect Structures in a Strongly Confined Liquid-Crystalline Blue Phase*

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In this paper, a numerical study is done to describe the effect of strong confinement on the structure of liquid crystalline blue phase. Using these calculations based on a tensor description of orientational order, it is shown that novel defect structures which are not seen experimentally, are possible.

* Jun-ichi Fukuda and Slobodan Zumer, Phys. Rev. Lett. 104,017801 (2010).

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