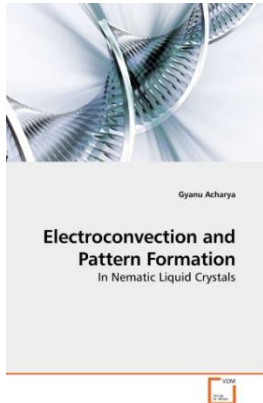


## Download Book

# ELECTROCONVECTION AND PATTERN FORMATION



VDM Verlag Mrz 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x14 mm. Neuware - Electrohydrodynamic convection (EHC) in nematic liquid crystals is a crucial model system for the study of spontaneous, non-equilibrium pattern formation in anisotropic systems. To characterize the EHC patterns, I have utilized two nematic samples: 4-ethyl-2-fluoro-4'-[2-(trans-4-n-pentylcyclohexyl)-ethyl]-biphenyl (I52) and a mixture of 65 wt.-% p-butyl-p'-methoxy-azoxybenzene and 35 wt.-% p-ethyl-p'-methoxy-azoxybenzene (Phase 5), filled in standard planar cell. In I52, over certain range of the conductivity, the initial transition leads to...

## Download PDF Electroconvection and Pattern Formation

- Authored by Gyanu Acharya
- Released at 2010



Filesize: 7.47 MB

## Reviews

*An extremely wonderful pdf with lucid and perfect explanations. I could possibly comprehend every little thing out of this created pdf. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- **Janie Wilkinson**

*I actually began looking over this pdf. it was actually written really perfectly and valuable. You will not really feel monotony at any moment of your respective time (that's what catalogs are for about if you check with me).*

-- **Marquis Gusikowski**

*I actually started looking at this pdf. It is written in basic words and phrases and not confusing. I discovered this pdf from my i and dad suggested this publication to understand.*

-- **Vergie Fahey**