Accepted Manuscript

Nonstationary models for liquid crystals: A fresh mathematical perspective

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PII: S0377-0257(17)30378-6
DOI: 10.1016/j.jnnfm.2018.05.003
Reference: JNNFM 4014

To appear in: *Journal of Non-Newtonian Fluid Mechanics*

Received date: 22 August 2017
Revised date: 9 May 2018
Accepted date: 18 May 2018

Please cite this article as: Etienne Emmrich, Sabine H.L. Klapp, Robert Lasarzik, Nonstationary models for liquid crystals: A fresh mathematical perspective, *Journal of Non-Newtonian Fluid Mechanics* (2018), doi: 10.1016/j.jnnfm.2018.05.003

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Highlights

- Review of nonstationary models for liquid crystals from a mathematical perspective
- Relationship between models used frequently in the mathematics and physics literature
- New concept of relative energy for systems with nonconvex energies
- Proof of continuous dependence of the relative energy on initial conditions

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