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Comments on the published article “Electric field induced transformations and dielectric properties of ferroelectric smectic phase” by T. Soltani et al., *Journal of Molecular Liquids*, 199 (2014) 162–166

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Abstract

This Letter concerns errors and shortcomings in the article by T. Soltani et al., "Electric field induced transformations and dielectric properties of ferroelectric smectic phase", Journal of Molecular Liquids, 199 (2014) 162–166.

Keywords: liquid crystals, dielectric properties, relaxation process;

Dear Editor,

Soltani et al. published the article entitled "Electric field induced transformations and dielectric properties of ferroelectric smectic phase" [1], where they did not avoid erroneous statements and assumptions.

For transparency, I will point out errors and shortcomings of commented paper in sections.

Errors

- a) Authors refer to the general Cole–Cole equation in improper form (incorrect exponent in the denominator) [2, 3],

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