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Erratum

Ferroelectric liquid crystals in high magnetic fields

[Physica B 177 (1992) 497–504]

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In our review paper ‘Ferroelectric liquid crystals in high magnetic fields’, parts (c) and (d) of fig. 1 were by our mistake exchanged by the theoretically predicted (H, T) phase diagrams of a ferroelectric liquid crystal in an external field as derived by L. Benguigui and A. Jacobs [14]. The corrected figure 1 is shown below.

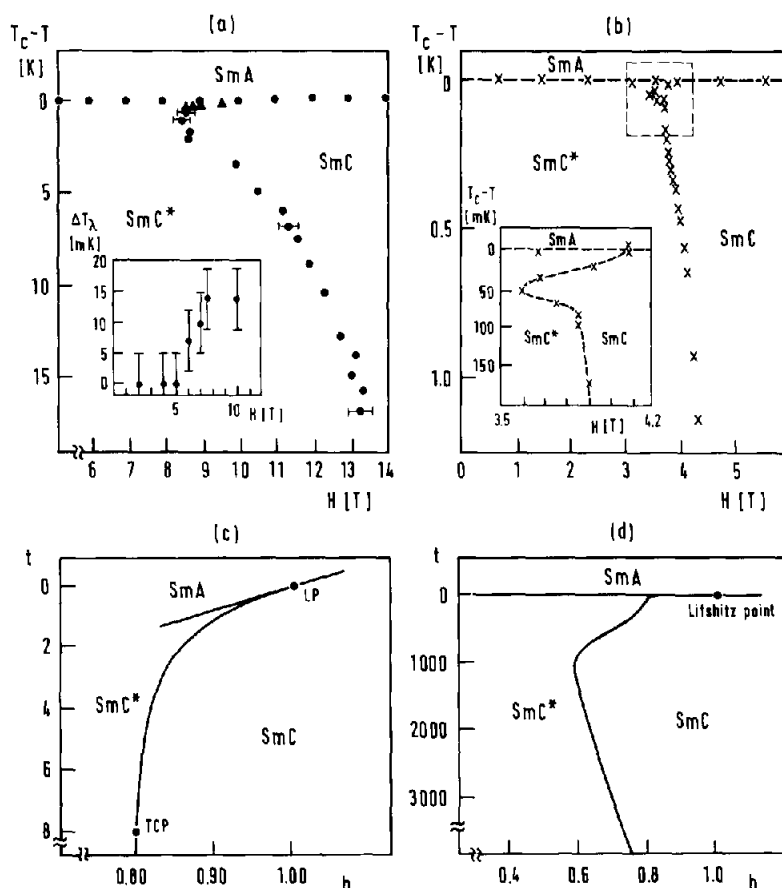


Fig. 1. (H, T) phase diagram of a ferroelectric liquid crystal DOBAMBC (a) and a mixture of racemic and chiral DOBAMBC (b) as determined by light scattering. The inset to (a) shows the magnetic field dependence of the λ -line. Theoretically predicted phase diagrams shown in (c) and (d) are derived [13] from a simple and extended form of the Landau free energy expansion respectively. In fig. 1(c) and (d), $t = (T_L - T)/(A^2/(K_{33}\alpha))$ and $h = H/H_L$.

References

- [13] B. Urbanc-Kutnjak and B. Žekš, to be published.
- [14] L. Benguigui, A. Jacobs, *Ferroelectrics* 84 (1988) 379.