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Liquid Crystals: Nature's Delicate Phase of Matter - Peter ...

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P.J. Collings, Liquid Crystals: Nature's Delicate Phase of Matter, (New Jersey, 1990) P.G. de Gennes, J. Prost, The Physics of Liquid Crystals, (Oxford, 1993) ... International Liquid Crystals Society. Liquid Crystal Institute. Boulder Liquid Crystals Group. Case Liquid Crystals Group. Polymers and Liquid Crystals.

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Liquid crystals. Nature's delicate phase of matter. By P ...

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Liquid Crystals | Encyclopedia.com

But it was not until the 1960s that the development of liquid crystals gathered impetus with the technical exploitation of their optical properties for showing numbers in pocket calculators, wristwatches, etc. Liquid crystals have been called "nature's delicate phase of matter" because the molecules can be arranged in many different, characteristic ways, and because the arrangement is also easily affected by weak electrical or magnetic fields.

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Liquid crystals. Nature's delicate phase of matter. By P. J. Collings, Adam Hilger, Bristol 1990, handbook, £ 25, 222 pp., ISBN 0?7503?0054x

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Characterisation of bicontinuous cubic liquid crystalline ...

Displays. In general their value is due to the fact that the orientation of the molecules in a nematic phase substance can be altered by the application of an external electric field, and that liquid crystals are anisotropic fluids, that is, fluids whose physical properties depend on the direction of measurement.

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