DESCRIPTION

The study of ferroelectricity is a branch of solid state physics which has shown rapid growth during the recent years. Ferroelectric materials exhibit unusual electric properties which make them useful in modern (opto)electronic technology, esp. display technology.

Ferroelectric and antiferroelectric liquid crystals, including also various polymer forms, are the hottest research topic today in liquid crystals. The field is at the very beginning of industrial exploitation - a sensitive phase in which a good reference work is needed and will have a broad spectrum of readers both at universities and in industry.

ABOUT THE AUTHOR

Sven Torbjörn Lagerwall received his M.Sc. from Chalmers in 1958, then continued with graduate studies at Hahn-Meitner Institute for Nuclear Research in Berlin-Wannsee, ending with a Ph.D. from Technische Universität in Berlin in 1964.