

## REFERENCES

1. F.Reinitzer. *Montash Chem.* Vol.9. P.421. 1888.
2. O.Lehmann. *Z.Krist.* Vol. 18. P.464. 1890.
3. U.Efron, S.T.Wu et al. *Ferroelectrics.* Vol.73. P.315. 1987.
4. J.G.Grabmaier, W.F.Greubel and H.H.Kruger. Third international conference. Berlin. August. 24-28, 1971.
5. R.B.Meyer, L.Liebert, L.Strzelecki and P.Keller. *J.Phys.Lett.* Vol.30. P.69. 1975.
6. K.Skarp, I.Dhal, S.T.Lagerwall and B.Stabler. *Mol.Cryst.Liq. Cryst.* Vol.114. P.283. 1984.
7. K.Miyasato, S.Abe, H.Takezoe, A.Fukuda and E.Kuze. *Jpn.J. Appl.Phys.* Vol.22. L.661. 1983.
8. J.L.Alabart, M.Marcos, E.Melendez and J.L.Serrano. *Ferroelectrics.* Vol.58, P.37. 1984.
9. M.Imasaki, S.Kai, Y.Narnshige and T.Fujimoto. *Ferroelectrics.* Vol. 58. P.47. 1984.
10. D.Gunther, W.Hemmerling, G.Illian, I.Muller and R.Winger. *Ferroelectrics.* Vol. 114. P. 241. 1991.
11. J.W.Goodby and T.M.Leslie. *Mol.Cryst.Liq.Cryst.* Vol.110. P.175.1984.
12. T.Uemoto, K.Yoshino and Y.Inuishi. *Jpn.J.Appl.Phys.* Vol.18. No.7. P.261. 1979.
13. T.Sakurai, K.Sakamoto and K.Yoshino. et.al. *Ferroelectrics* Vol.58. P.21. 1984.

14. K.Yoshino et.al. Jpn.J.Appl.Phys. Vol.25. No.5. P.295.1986.
15. R.J.Twieg, K.Betterton, W.Hinsberg, P.Wong, W.Tary and H.T. Nguyen. Ferroelectrics. Vol.114. P.295. 1991.
16. C.Tschierske, D.Jouchimi, D.Demus et.al. Ferroelectrics. Vol.114. P.289. 1991.
17. L.J.Yu, C.S.Lee, C.S.Bak and M.M.Labes. Phys.Rev.Letters. Vol.36. L.69. 1976.
18. L.M.Blinov, L.A.Bersenev et.al. J.Physique, Vol.40. C3-269. 1979.
19. Ph.Martinot Lagarde. J.de.Physique. Letters. Page L.17. 1977.
20. Y. Ouchi, T.Uemura, H.Takazoe and A.Fukuda. Jpn. J. Appl. Phys. Vol.24. L.235. 1985.
21. P.G. de. Gennes. The Physics of Liquid Crystals. P.163.
22. Carlson and B.Zeks. Liq. Cryst. Vol.5. P.359. 1989.
23. P.Pieranski, E.Guyon and P.Keller. J.Physique. Vol.36. P.1146. 1975.
24. Xue.J.Z, Handschy.M.A and Clark.N.A. Ferroelectrics. Vol.73. P.305. 1987.
25. K.Skarp, K.Flatischler and S.T.Lagerwall. Ferroelectrics. Vol.84. P.183. 1988.
26. S.Kimura, S.Nishiyama, Y.Ouchi, H.Takzoe and A. Fukuda. Jpn.J.Appl.Phys. Vol.26, L.255. 1987.

27. C.Escher, T.Geelhar and E.Bohm. Liq.Cryst. Vol.3. P.469. 1988.
28. T.Geelhar, C.Escher and E.Bohm. Vol.17. Freiburger Arbeitstagung Flussigkristalle. 1987.
29. A.Levstik, Z.Kutnjak.et.al. Ferroelectrics. Vol.113. P.207. 1991.
30. K.Yoshino, M.Ozaki. et al. Ferroelectrics. Vol. 58. P.283. 1984.
31. Glogarova. et al. Ferroelectrics. Vol. 58. P.161. 1984.
32. N.Maruyama. Ferroelectrics. Vol.58. P.184. 1984.
33. C.H.Bahr, G.Heppke. and N.K.Sharma. Ferroelectrics. Vol.76. P.151. 1987.
34. J.Pavel and M.Glogarova. Ferroelectrics. Vol.84. P.241. 1988.
35. C.Legrand. et al. Ferroelectrics. Vol.84. P.249. 1988.
36. J.Hoffmann.et al. Ferroelectrics. Vol.76. P.61. 1987.
37. F.Gouda et al. J.Appl.Phys. Vol.67 (1). P.180. 1990.
38. Ph.Martinot-Lagarde, R.Duke and G.Durand. Mol.Cryst.Liq. Cryst. Vol.75. P.249.
39. H.Takezoe et al. Ferroelectrics. Vol.58. P.55. 1984.
40. K.Yoshino, K.G.Balakrishnan, T.Uemoto. Jpn.J.Appl.Phys. Vol.17. P.597. 1978.
41. K. Yoshino and M. Ozaki. Jpn. J.Appl. Phys.Vol.23. No.6. L.385. 1984.

42. B.I.Ostrovski and V.G.Chigrinov. Kristallographiya. Vol.25. No.3. P.560. 1980.
43. L.A.Bersenev, L.M.Blinov and D.I.Dergachev. Ferroelectrics. Vol. 85. P.173. 1988.
44. J. Funfschilling and M. Schadt. J.Appl.Phys. Vol.66 (8) P. 3877. 1989.
45. N.A.Clark and S.T.Lagerwall. Appl.Phys.Letter.36. P.899. 1980.
46. J.S.Patel. Appl.Phys.Letters. Vol.47. P.1277. 1985.
47. J.S.Patel and J.W.Goodby. J.Appl.Phys. Vol.63(1).P.80. 1988.
48. J.P.Le Pesant, B.Mourey, M.Hareng, G.Deobert, J.C.Dubois. Fourth International Display Research Conference, Paris, P.217. 1984.
49. P. Schiller, G. Pelzl and D. Demus. Liq. Cryst. Vol.2. P.21. 1987.
50. T.Nagata, T.Umeda, T.Iguwa, Y.Hor and A.Mukoh. IEEE. Trans. on El. devices. Vol.36.(9), P. 1892. 1989.
51. W.J.A.M. Hartmann.IEEE Trans.on electron devices. Vol.36. 9, P.1895. 1989.
52. S.Garoff and R.B.Meyer. Phy. Rev. Lett. Vol. 38. P.848. 1977.
53. G.Anderson, I.Dhal, L.Komitov, S.T.Lgerwall, K.Skarp and B.Stebler. J.Appl.Phys. Vol.66 (10). P.4983. 1989.

54. Y.Panarin, E.Pozhidev and V.Chigrinov. Ferroelectrics. Vol.114. P.181. 1991.
55. D.Armitage, J.I.Thackara and W.D.Eades. Ferroelectrics. Vol.85. P.291. 1988.
56. S.Yamamoto, T.Ebihara, N.Kato and H.Hoshi. Ferroelectrics. Vol.114. P.81. 1991.
57. C.C.Mao, K.M.Johnson and G.Moddel. Ferroelectrics. Vol.114. P.45. 1991.
58. A. Karppinen, S.Lottholz, R.Myllyla, G.Anderson et.al. Ferroelectrics. Vol.114. P.93. 1991.
59. G.Anderson, I.Dahl, L.Komitov, M.Matuszczyk et.al. Ferroelectrics. Vol.114. P.137. 1991.
60. Y.Ouchi, Ji Lee et al. Jpn. J. Appl. Phys. Vpl.27.No.11. P.L 1993. November 1988.
61. K.Ishikawa, K. Hashimoto. et al. Jpn.J.Appl.Phys. Vol.23 NO. 4. P. L 211. 1984.
62. J.S.Patel, and J.W.Goodby. J.Appl. Phys. Vol. 59. No.7. P. 2355. April 1986.
63. H.Dubal, C.Escher. et al. Ferroelectrics. Vol. 84. P.143.1988.
64. K.Skarp. Ferroelectrics. Vol.84. P.119. 1988.
65. N.A.Clark, M.A.Handschy and S.T.Laggerwall. Mol.Cryst. Liq.Cryst. Vol.94. P.213. 1983.
66. K.Yoshino and M.Ozaki. Ferroelectrics.Vol.59. P.145. 1984.
67. M.Fritsch, H.Wohler, G.Hass and D.A.Mlynski. IEEE Transactions on electron devices. Vol.36. No.9.P.1882. 1984.

LIST OF PUBLICATIONS OF THE AUTHOR

1. Optical intensity modulation using Ferroelectric Liquid Crystals. SPIE. Vol.1337. Nonlinear Optical properties of Organic Materials. 111. (1990). P.381.
2. Dynamical Characteristics and Transmission Studies of the FLC OBOB. Ferroelectrics. Vol.113. P.395. 1991.
3. Mechanism of Optical Modulation using Ferroelectric Liquid Crystals. Smart. Mater.Struct. Vol.1. P. 168. 1992.
4. Ferroelectric Liquid Crystals for a better dynamic display. National Conference on ELECTRONIC CIRCUITS & SYSTEMS, Nov.2-4,1989, Roorkee.
5. Ferroelectric Liquid Crystals light valve for Optical Modulation. National Symposium on Instrumentation, Nov. 17-20, 1992, Gauhati.
6. Optical Modulation using Ferroelectric Liquid Crystals. National symposium on Antennas & Propagation, Dec. 29-31, 1992, Cochin.