

References

1. Stokes G. G., on the change of refrangibility of light, *Phil. Transe. R. Soc. (London)*, 142, 463-562.
2. Balamurugan N., Arulchakkaravarthi A., and Ramasamy P., *Nuclear Instruments and Methods in Physics Research, A*, 568 (2006) 767-771.
3. Stevens B., *Spectrochimica Acta*, 18,439(1962).
4. Tang C. W., and VanStyke S. A., *Appl. Phys. Lett.* 51 (1987) 973.
5. Kotani M., *Proc. Int. Symp. Super-Functionality Organic Devices, IPAP Conf. Series 6*, 23-26.
6. Vij D. R., *Luminescence of Solids*, Plenum Press, New York (1998) 259.
7. Kewalramani S., Dommett G., Kim K., Evmenenko G., Mo H., Stripe B., and Dutta P., *the Journal of Chemical Physics*, 125, 224713 (2006).
8. Misra T. N., and McGlynn S. P., *J. Chem. Phys.* 44 (10) (1966) 3816, 5.
9. Pekcan O., *J. Phys. C: Solid State Phys.* 14 (1981) 745-751.
10. Kozankiewicz B., *Journal of Luminescence*. 71 (1997) 37-46.
11. Selvaraj S. L., Xavier F. P., *Journal of Crystal Growth* 225 (2001) 168-172.
12. Nicolet A., Kol'chenko M. A., Kozankiewicz B., and Orrit M., *Journal of Chemical Physics*, 124, 164711 (2006).
13. Ichimura K., and Aoki K., *Chemistry Letters*, Vol.36 (2007) 498.
14. Chavan S. S., Hankare P. P., Jagtap A. H., and Pattar R. T., *Indian J. Phys.* 75A,(3) (2001) 273-275.
15. Farchioni R., and Grosso G., *Organic Electronic Materials*, Springer, Germany (2001).
16. Forster T., *Modern Quantum Chemistry Part 2*, Academic Press, USA (1965).
17. Arkhipov V. I., Emelianova E. V., and Bassler H., *Phys. Rev. B* 70, 20, 5205 (2004) 1-7.
18. Lakowicz J. R., *Principles of Fluorescence Spectroscopy*, 2nd ed. Kluwer Academic Plenum Publisher, New York (1999) 53.
19. Salvatore A., Marras E., Kramer F. R., and Tyagi S., *Nucleic Acid Research*, 30 (2002) 122.

20. Powell R. C., *Phys. Rev. B* 4, (1971) 628-635.
21. Galanin M. D., Khan-Magometova Sh. D., and Chizhikova Z. A., *Journal of Luminescence*, Volumes 12-13 (1976) 755-761.
22. Bassler H., Brandl V., Deussen M., Gobel E. O., Kersting R., Kurz H., Lemmer U., Mahrt R. F., and Ochse A., *Pure and Appl. Chem. Vol.67, No.3* (1995) 377-385.
23. Bhattar S. L., Kolekar G. B., and Patil S. R., *Journal of Luminescence*, 128 (2008) 306-310.
24. Young R. H., Tang C. W., and Marchetti A. P., *Appl. Phys. Lett.* 80 (2002) 874.
25. Wu Y., Yu H. R., Zhou Y. C., Zhan Y. Q., Zhou J., Ding X. M., and Hou X. Y., *Appl. Phys. Lett.* 88 (2006) 123512.
26. Kavarnos G. J., *Fundamentals of Photoinduced Electron Transfer*, VCH, New York (1993).
27. Forster T., and Kasper K., *Z. Electrochem.* 59, 976 (1955).
28. Robertson J. M., *Proc. Roy. Soc. London, Ser. A*, 207 (1951) 101.
29. Murrell J. N., and Tanaka J., *Molec. Phys.*, 7 (1964) 363.
30. Birks J. B., and Aladekomo J. B., *Photochem., Photobiol.*, 2 (1963) 415.
31. Doller E., *Z. Phys. Chem. N. F.*, 34 (1962) 151.
32. Patil S. R., *Indian Journal of Chemistry*, Vol.-34 A (1995) 102-105.
33. Pujari S. R., Jadhav S. A., and Patil S. R*, *Indian Journal of Chemistry*, Vol. 40A (2001) 933-938.
34. Pujari S. R., Bhosale P. N., Rao P. M. R., and Patil S. R*, *Materials Research Bulletin*, 37 (2002) 439-448.
35. Andrade D. B., and Forrest S. R., *Chem., Phys.*, 286 (2003) 32.
36. Birks J. B., and Christophorou L. G., *Nature*, 196 33 (1962).
37. Yokoyama M., Endo Y., and Mikawa H., *Journal of Luminescence*, Volumes 12-13, (1976) 865-870.
38. Ogawa H., Okuda R., and Shirota Y., *Appl., Phys., A* 67 (1998) 599-602.
39. Baldo M. A., Soos Z. G., and Forrests R., *Chem. Phys. Lett*, 347 (2001) 297.
40. Jadhav S. A., Pujari S. R. and Patil S. R., *Indian Journal of Pure and Applied Physics*, Vol. 38 (2000) 43-47.

41. Kim J. S., *Synthetic Metals*, Volume 132, Issue 3 (2003) 285-288.
42. Chen T. R., *Journal of Molecular Structure* 737 (2005) 35-41.
43. Zemmermann C., Mohr M., Zipse H., Eichberge R., Schnabel W., *Journal Of Photochemistry and Photobiology A: Chemistry* 125 (1999) 47-56.
44. Pfister. G, *Phys., Rev., B* (1997) 16, 3676.
45. Pfister M. J., G., *Polym., Technol., Eng.* (1979) 12, 89.
46. Facci J., Stolka M. *Philos., Mag., B.* 198654, 1.
47. Wang H., Zhang B. W., and Cao Y., *Journal of Photochemistry and Photobiology A: Chemistry* 92 (1995) 29-34.
48. Hesse R., *Acta., Cryst., 1* (1948) 200.
49. Lipson H., *Acta., Cryst., 2* (1949) 43.
50. Lipson H., and Steeple H., *Interpretation of X-Ray Powder Diffraction Patterns* London, Macmillan (1970).
51. Kido J., *Organic Electroluminescent materials and devices*, edited by Miyata S., and Nalwa H. S., Gordon and Breach, Amsterdam, (1997) 335.
52. Dodabalapur A., Rthberg L. J., and Miller T. M., *Appl. Phys. Lett.* 65 (1994) 2308.
53. Karatsu T., Hazuku R., Asuke M., Nishigaki A., Yagai S., Suzuri Y., Kita H., and Kitamura A., *Organic Electronics*, (2007).
54. Knoll G., *Radiation Detection and Measurement.* 3rd ed., Wiley, New York, (1999).
55. Broser I., Kallmann H., and *Naturforsch Z.*, 29 (439) (1947) 642.
56. Bell P. R., *Phys. Rev.* 73 (1948) 1405.
57. Friene R. H., Gymer R. W., Holmes A. B., Burroughes J. H., Marks R. N., Taliani C., Bradley D. D. C., Dos Santos D. A., Bredas J. L., Logdlund M., and Salaneck W. R., *Nature* 397, 121 (1999).
58. Bonfiglio A., Rossi D. D., Kirstein T., Locher I. R., Mameli F., Paradiso R., and Vozzi G., *IEEE, Trans. On Info. Tech. in Biomed.* 9,319 (2005).
59. Components fabricated on organic materials and introduced on the market include displays for mobile phones (Philips 639- a clamshell with a Poly LED external

- display), portable digital music players (Philips SA1784-SA179), car radios, men's shaver (Philis have 8894) and digital cameras (Kodak LS633).
60. Misra A., Kumar P., Kamalasanan M. N., and Chandra S., *Semiconductor Science and Technology*, 21 (2006) 35-47.
 61. Xue-Yiu J., Tin-Zhi Z., Wen- Qing Z., and Shao-Hong., *Displays*, 27 (2006) 161.
 62. Ranke P., Bleyl I., Sinmeror J., Haarer D., Bacher A., and Schmidt H., *Appl. Phys. Lett.*, 71 (10) (1997) 1332.
 63. Arkin M. R., Steryo W. D. A., Turro W., and Barton J. K., *J. Am. Chem.* 118 (1996) 2267.
 64. Hink M. A., Visser N. V., Borst J. W., Hoek A. V., A. J. W. G. Visser, *J. Fluores.* 13 (2003) 185.
 65. Berlmann I. B., *Handbook of Fluorescence Spectra of Aromatic Molecules* Academic Press, New York (1971).
 66. Talapatra G. B., and Misra T. N., *Phys. Stat. Sol. B* 114 (1982) 275.
 67. Amlan J. P., and Misra T. N., *Indian J. Phys.*, 60B, (1986) 109-204.
 68. Spectrophotometric instruments plant analytical instrument division, Kyoto, Japan. Spectrum provided by Shimadzu Corporation.
 69. Whittaker E. J. W., *Crystallography, An introduction for Earth Science (and other solid state) students*, Oxford, New York., 1st ed., (1981).
 70. Pearson W. B., *Strustural Reports*, International Union of Crystallography, (1971) 217.
 71. Cullity B. D., *Elements of X-ray diffraction.*, 2nd ed. Addison-Wesely Publishing Company, Inc., USA (1978)102.
 72. Wolf H. C., and Port H. J., *Lumin.*, 12/13 (1976) 33.
 73. Avanesyan H. S., Benderskii V. A., Brikenshtein V. Kh., Lavrushko A. G., and Filippow P. G., Vol. 30, Issue 2, 781-789.
 74. Campbell R. B., and Robertson J. M., *Acta Cryst.*, 15 (1962) 289.
 75. Truscott C. E., and Ault B. S., *J. Phys., Chem.*, 89 (1984) 1741.
 76. Bellows J. C., and Prasad P. N., *J. Phys.*, 67 (1977) 5802. 57. Cullity B. D., *Elements of X-ray diffraction*, 2nd edⁿ. Addison-Wesley Publishing Company., Inc., USA (1978) 102.

77. Lim S. H., Bjorklund T. G., Spano F. C., and Bardeen C. J., *Physical Review Letters*, Vol. 92 (2004).
78. De Ck., and Mishra N. K., *Ind., J. Phys., A*, 71 (1997) 530.
79. Bouas-Laurent H., Castellan A., and Desvergne., *J. Pure Appl. Chem.*,52 (1980) 2633.
80. Araca R., and Cano T. D., *Chem. Mater*, 15 (2003) 38.
81. Hochstrasser R. M., *Rev. Modern Phys.*, 34 (3) (1962) 531.
82. Sytnik A., and Litvinyuk I., *Proc. Nati. Acad. Sci. USA*. Vol. 93 (1996) *Biophysics*, 12959-12963.
83. Pope M., and Swenberg, *Electronic processes in Organic Crystal and Polymers*, 2nd edn., Oxford University Press.,New York (1999).
84. Peter G., and Bassler, *Chem. Phys.* 49, 9 (1980).
85. Desiraju G. R., and Gavezzotti A., *Acta. Cryst. B* 45, 473 (1989).
86. Shin E. J., *Bull Korean Chem. Soc.* 27, 5 (2006) 751.
87. Kang H. Y., Lee C. H., *J. of the Korean Physical Society*, 45, 3 (2004) 756-760.
88. Guo T. F., Chang S. C., Raymond Y. Y., Kwong C., Thompson M. E., *Chem. Phys. Lett.* 210 (1996) 1-12.
89. Hamada Y; Kanno H., Tsujioka., Takahashi H., Usuki T., *Appl. Phys. Lett.* 75 (1999) 1682.
90. Bulovic V., Burrows P. E., Forrest S. R., Cronin J. A., Thompson M. E.,(1998) and Thompson M. E., *Chem. Phys. Lett.* 210 (1996) 1-12.
91. Parh E. S., Andrews S. S., Hu R. B., Boxer S. G., *J. Phy. Chem. B* 103 (1999) 9813.
92. Haskal E. I., Zhang Y., Burrows P.E., Forrest S. R., *Chem. Phys. Lett.* 219 (1994) 325.