

REFERENCES

1. D. Curie (1963) "Luminescence in Crystals", p. 31, John Wiley and Sons Inc.
2. K. Teegarden (1966) "Luminescence of Inorganic Solids" p. 53 (Acad. Press Inc, New York).
3. F. Seitz (1938) J. Chem. Phys. 6, 150.
4. T. Timusk (1961) Phys. Chem. of Solids, 18, 265..
5. K. J. Teegarden (1957) Phys. Rev., 108, 660.
6. W. J. Van Sciver (1960) Phys. Rev., 120, 1193.
7. J. Ramamurti and (1966) Phys. Rev., 145, 698.
K. J. Teegarden
8. R. F. Weeks (1958) Ph.D. Thesis, Univ. of Rochester, Rochester, N.Y.
9. K. J. Teegarden (1959) Phys. Chem. Solids, 10,
and R. F. Weeks 211-16.

10. R. E. Edgerton (1962) Ph.D. Thesis, Univ. of Rochester, Rochester, N. Y. (Unpublished).
11. R. Hilsch (1927) Z. Physik, 44, 860.
12. F. E. Williams (1951) J. Chem. Phys., 19, 457.
13. R. X. Knox and D. L. Dexter (1956) Phys. Rev., 104, 1245.
14. R. X. Knox (1959) Phys. Rev., 115, 1095.
15. E. Edgerton and K. J. Teegarden (1963) Phys. Rev., 129, 169.
16. A. Fukuda (1964) Sci. Light, 13, 64.
17. S. C. Sen and H. N. Bose (1962) Zeitz F. Physik, 167, 20.
18. A. M. Lemoxs, M. C. Stauber and J. F. Marion (1970) Phys. Rev., 2, 4161.
19. D. A. Patterson (1958) Phys. Rev., 112, 296.

20. P. D. Johnson and (1952) J. Chem. Phys., 20, 124.
F. E. Williams
21. K. H. Butler (1956) J. Electrochem. Soc., 103,
508.
22. D. A. Patterson (1952) Phys. Rev., 105, 401.
and C. C. Klick
23. D. A. Patterson (1960) Phys. Rev., 119, 962.
24. R. H. Bube (1946) "Photoconductivity in Solids"
J. Wiley, N. Y.
25. R. H. Bube (1953) J. Phys. Chem., 52, 785.
26. G. F. J. Garlick (1958) "Hand Buch der Physik", 26.
27. R. H. Bube (1952) J. Phys. Chem., 20, 768.
28. R. H. Bube (1953) Phys. Rev., 9, 970.
29. F. A. Kröger (1953) J. Elec. Soc., 21, 5.
30. W. A. Runciman (1954) Brit. Jour. Appl. Phys.,
Suppl. No. 4, 78.

38. P. D. Johnson and (1950) J. Chem. Phys., 18, 1477.
F. E. Williams
39. J. Ewles and (1953) J. Electro. Chem. Soc.,
N. Lee 100, 392.
40. D. L. Dexter and (1954) J. Chem. Phys., 22, 1063.
J. H. Schulman
41. Hippel Von (1935) Z. Phys., 101, 680.
42. F. Seitz (1939) Trans. Faraday Soc. 35, 79.
43. D. L. Dexter, (1955) Phys. Rev., 100, 603.
C. C. Klick and
G. A. Russel
44. M. Schön (1948) Ann. Physik, 3, 343.
45. A. S. Douglas, (1955) Proc. Camb. Phil. Soc.,
D. R. Hartree and 51, 485.
W. A. Runciman
46. K. Huang and (1950) Proc. Roy. Soc., A 204,
A. Rhys 406.
47. M. Lax and (1955) Phys. Rev., 100, 592.
E. Burstein

48. S. T. Pekar (1950) Zhur Eksptl. i theo.
Fiz., 20, 510.
49. R. C. O' Rourke (1953) Phys. Rev., 91, 265.
50. H. J. G. Meyer (1954) Physica, 20, 181 and 1016.
51. F. Bloch (1928) Z. Phys., 52, 555.
52. N. Riehl and (1939) Z. Phys., 114, 682.
M. Schön
53. R. P. Johnson (1939) J. Opt. Soc. Am., 29, 387.
54. R. H. Wilson (1931) Proc. Roy. Soc. (Lond.),
133, 458.
55. A. Jablonski (1935) Z. Phys., 54, 38.
56. J. H. Schulman, (1950) J. Electrochem. Soc. 97,
R. J. Ginther and
C. C. Klick
57. C. C. Klick and (1959) "Solid State Physics" ,
J. H. Schulman Vol. 5, Acad. Press, N. Y.
58. F. A. Kröger (1949) Physica, 15, 801.
59. D. L. Dexter (1953) J. Chem. Phys. 21, 836.

60. I. Broser and (1955) Brit. J. Appl. Phys.,
Broser Warminsky, R. 6, Suppl. 4, S90.
61. M. Balkanski (1958) J. Phys. Chem. Solids,
6, 401.
62. V. Yu. Konobeev (1963) Sov. Phys. Solid State
(USA), 4, 2658.
63. H. A. Klasens (1946) Nature, 158, 306.
64. M. E. Wise and (1948) J. Opt. Soc. Am., 38, 126.
H. A. Klasens
65. M. Schön (1942) Z. Physik, 119, 463.
66. J. Lambe and (1955) Phys. Rev., 98, 909.
C. C. Klick
67. J. Lambe (1955) Phys. Rev., 100, 1586.
68. J. Lambe and (1956) J. Phys. Rad., 17, 663.
C. C. Klick
69. H. D. Vaseleliff (1955) Phys. Rev., 97, 891.
70. C. A. Dubos (1955) Brit. J. Appl. Phys. 6,
Suppl. 4, S107.

71. J. S. Prener and (1956) J. Phys. Rad., 17, 667.
F. E. Williams
72. J. S. Prener and (1959) J. Electrochem. Soc., 106,
D. J. Weil 409.
73. F. E. Apple and (1959) J. Electrochem. Soc., 106,
F. E. Williams 224.
74. F. E. Williams (1957) J. Opt. Soc. Ame., 47, 869.
75. F. E. Williams (1960) J. Phys. Chem. Solids, 12,
265.
76. H. A. Klasens (1959) J. Phys. Chem. Solids, 9,
185.
77. K. S. K. Rebane (1962) Optics and Spectrosc.,
(USA), 13, 330.
78. H. W. Leverenz (1950) "An introduction to
Luminescence of Solids" ,
J. Wiley and Sons., N.Y.
79. D. Curie (1963) "Solid luminescent materials"
Methuen and Co.
80. G. R. Fonda and (1946) "Cornell Symp.", 325, J.
H. C. Froelich Wiley and Sons., N. Y.

81. S. H. Patten and (1949) J. Opt. Soc. Am., 39,
F. E. Williams 702.
82. E. Magy (1949) J. Opt. Soc. Am., 39, 42.
83. C. C. Vlam (1949) Physica, 15, 609.
84. G. R. Fonda (1940) J. Chem. Phys., 44, 435.
85. G. R. Fonda (1945) Trans. Electrochem. Soc.,
87, 399.
86. M. N. Kabler (1964) Phys. Rev., 136, A 1296.
87. R. B. Murray and (1965) Phys. Rev., 137, A 942 .
F. J. Keller
88. T. G. Castner and (1957) Phys. Chem. Solids, 3,
W. Kanzig 178.
89. C. J. Delbecq, (1961) Phys. Rev., 121, 1043.
W. Hays and
P. H. Yuster
90. H. N. Hersh (1959) J. Chem. Phys., 31, 909.
91. R. Hilsch and (1928) Z. Physik, 48, 384.
R. Pohl

92. R. Hilsch and (1929) Z. Physik, 57, 145.
R. Pohl
93. R. Hilsch and (1930) Z. Physik, 59, 812.
R. Pohl
94. E. G. Schneider (1937) Phys. Rev., 51, 293.
H. M. O'Bryan
95. P. H. Yuster and (1953) J. Chem. Phys., 21,
C. J. Delbecq 892.
96. C. C. Klick (1952) Phys. Rev., 85, 154.
97. G. Kuwabara and (1959) J. Phys. Soc. Japan,
K. Aoyagi 14, 1821.
98. W. U. Wagner (1964) Z. Physik, 181, 143.
99. S. G. Zazubovich, (1965) Opt. i Spektroskopia,
N. E. Lushchik and 15, 381, (Engl. Transl.-
Ch.B.. Lushchik (1964) - Opt. and Spectrosc.
(USSR) 15, 203).
100. C. J. Delbecq, (1966) Phys. Rev., 151, 599.
A. K. Ghosh and
P. H. Yuster

101. V. J. Vaidanich (1966) Opt. i Spektroskopia, 20,
459, (English transl. -
(1966) - Opt. and Spectrosc.
(USSR), 20, 250).
102. R. Hofstadter (1948) Phys. Rev., 74, 100.
103. W. J. Van Sciver (1955) Phys. Rev., 97, 1181.
and R. Hofstadter
104. W. J. Van Sciver (1954) Phys. Lett., 2, 97.
105. W. J. Van Sciver (1966) LEEE Trans. Nucl. Sci.,
N_s - 13, 138.
106. F. Eby and (1954) Phys. Rev., 96, 911.
W. Jentschke
107. G. K. Herb and (1965) "Inter. Symp. Colour Centres
W. J. Van Sciver Alkali Halides" Urbana,
Illinois, Unpublished.
108. G. K. Herb (1966) Ph.D. Thesis, Lehigh Univ.,
Bethlehem, Pennsylvania,
Unpublished.
109. R. Edgerton and (1964) Phys. Rev., 136, A 1091.
K. Teegarden

110. F. E. Williams and (1959) Phys. Rev., 113, 92.
P. D. Johnson
111. Ch. B. Lushchik and (1960) Opt. i Spektroskopia, 8,
N. E. Lushchik 839, (English transl.-
(1960) - Opt. and
Spectrosc. (USSR), 8, 441).
112. C. C. Klick and (1958) Phys. Chem. Solids, 7,
W. D. Compton 170.
113. R. Edgerton (1965) Phys. Rev. 138, A 85.
114. N. I. Ivanova, et al (1961) Bull. Acad. Sci. USSR,
L. I. Tavasora and Phys. Ser., 35, 331.
A. P. Zhukovskii
115. W. B. Fowler (1968) "Physics of Colour Centres",
Acad. Press, New York and
London.
116. T. Tsuboi (1970) J. Phys. Soc. Jap., 29, 1303.
117. T. Tsuboi (1976) Can. J. Phys., 54, 1772.
118. T. Tsuboi (1976) Can. J. Phys., 54, 2418.
119. R. Hilsch (1937) Proc. Phys. Soc. (Lond.), 49,
Extra Part No. 274.

120. U. Giorgianni, (1977) Solid State Comm., 21,
G. Mondio, 249.
G. Saitta and
G. Vermiglio
121. U. Giorgianni, (1977) J. Phys. C., 10, 2511.
G. Mondio
G. Saitta and
G. Vermiglio
- 122.. W. G. Fastie (1952) J. Opt. Soc. Ame., 42, 641.
(1952) J. Opt. Soc. Ame., 42, 647.
- 123.. H. Ebert and (1889) Ame., 38, 489.
Wied.
124. J. H. Schulman and (1963) "Colour Centres in Solids"
W. D. Compton Pergamon Press, London.
125. W. Kanzig and (1959) Phys. Rev., 3, 509.
M. H. Cohen
126. J. Ewles and (1956) Proc. Phys. Soc., (London),
D. S. Barnby 69, 670.
127. H. W. Etzel (1960) Phys. Rev., 118, 1150.

128. A. Halperin (1959) Phys. Rev., 116, 1081.
N. Kristianpoller
and A. Ben-zvi
129. W. Maenhout-Van' (1958) Physica, 24, 996.
der Vorst
130. A. Alder and (1957) Acta Phys. Austriaca,
F. Stegmuller 11, 31.
131. J. J. Hill and (1955) J. Chem. Phys., 23, 652.
P. Schwed
132. P. Pringsheim (1948) "Fluorescence and Phospho-
rescence" Interscience
Publication.
133. Paul Goldberg (1966) "Luminescence of Inorganic
Solids", Acad. Press, p.96.
134. B. E. Douglas and (1965) "Concepts and models of
D. H. McDaniel Inorganic Chemistry"
Blaisdell publishing Co.,
USA.
135. R. V. Joshi and (1978) International Conference
P. W. Deshpande on Luminescence, Paris,
France.

136. K. H. Hu and (1955) J. Ame. Chem. Soc., 77,
A. B. Scott 1380.
137. A. B. Scott and (1955) J. Chem. Phys., 23, 1830.
K. H. Hu
138. A. B. Scott, (1962) Inorg. Chem., 1, 313.
R. G. Dartau and
S. Sapsoonthorn
139. V. G. Avramenk (1960) Bull. Acad. Sci., USSR.
and M. U. Belyi Phys. Ser., 24, 737.
140. P. Brauer and (1962) Z. Naturforsch, 17a, 875.
D. Pelte
141. R. E. Curtice and (1964) Inorg. Chem., 3, 1383.
A. B. Scott
142. H. Fromherz (1929) Z. Phys. Chem., B3, 1.
and Menschik
143. H. Fromherz (1931) Z. Physik, 68, 233.
144. P. Pringsheim (1942) Revs. Mod. Phys., 14, 133.
145. R. Hilsch (1937) Proc. Phys. Soc.(Lond.), 49,
Extra Part No. 274.

