

Acknowledgement

This work was supported by the Office of Energy Research, Materials Science Division, US Department of Energy, under Grant No. DE-AC02-77-CH00178.

References

- [1] R. Dornhaus and G. Nimitz, in: *Narrow-Gap Semiconductors*, Eds. G. Höhler and E.A. Niekisch (Springer, Berlin, 1983) pp. 119-300.
- [2] J.P. Faurie, J. Reno and M. Boukerche, *J. Crystal Growth* 72 (1985) 111.
- [3] W.A. Harrison, *J. Vacuum Sci. Technol.* 14 (1977) 1016; B3 (1985) 1231.
- [4] A.-B. Chen, A. Sher and W.E. Spicer, *J. Vacuum Sci. Technol* A3 (1985) 1674.
- [5] D.J. Chadi and M.L. Cohen, *Phys. Rev.* B7 (1975) 692.
- [6] K.C. Haas and D. Vanderschuer, in: *Proc. 19th Intern. Conf.* 151.
- [7] D. Berlincourt, H. Jaffe and L.R. Shiozawa, *Phys. Rev.* 129 (1963) 1009.
- [8] C. Kittel, *Solid State Physics*, 5th ed. (Wiley, New York, 1976) p. 74;
- [9] O. Kubaschewski and C.B. Alcock, *Metallurgical Thermochemistry*, 5th ed. (Pergamon, Oxford, 1979) pp. 267-322.
- [10] B. Segall, M.R. Lorenz and R.E. Halsted, *Phys. Rev.* 129 (1963) 2471.
- [11] J.C. Woolley and R. Rav, *J. Phys. Chem. Solids* 13 (1960)
- [12] W.E. Spicer, J.A. Silberman, I. Lindau, A.-B. Chen, A. Sher and J.A. Wilson, *J. Vacuum Sci. Technol.* A1 (1983) 1735.
- [13] A. Sher, M.A. Berding, S. Krishnamurthy, M. van Schilfgaarde, A.-B. Chen and W. Chen, *Mater. Res. Soc. Symp. Proc.* 90 (1987) 91.
- [14] A.-B. Chen and A. Sher, *Phys. Rev.* B32 (1985) 3695.
- [15] A. Sher, A.-B. Chen, W.E. Spicer and C.K. Shih, *J. Vacuum Sci. Technol.* A3 (1985) 105.
- [16] J.B. Boyce and J.C. Mikkelsen, Jr., in: *Ternary and Multiary Compounds*, *Mater. Res. Soc. Symp.*, Snowmass, CO, 1986, Eds. S. Deb and A. Zunger, p. 359.