

DAFTAR PUSTAKA

1. Oladeji, I. O., Chow, L. Study of the Effect of Ammonium Salt on Chemical Bath Deposited Zinc Sulfide Thin Film. *Thin Solid Films* 1999; 339: 148–153.
2. O'Brien, P., McAleese, J. Developing an Understanding of the Processes Controlling the Chemical Bath Deposition of ZnS and CdS. *J. Mater. Chem* 1998; 8 (11): 2309–2314.
3. Oladeji, I. O., Chow, L., Liu, J. R., Chu, W. K., Bustamante, A. N. P., Fredricksen, C., Schulte, A. F. Comparative Study of CdS Thin Films Deposited by Single, Continuous, and Multiple Dip Chemical Processes. *Thin Solid Films* 2000; 359: 154–159.
4. Oladeji, I. O., Chow, L. Optimization of Chemical Bath Deposited Cadmium Sulfide Thin Films. *J. Electrochem. Soc.* 1997; 144 (7): 2342–2346.
5. Ibanez, J. G., Gomez, F., Konik, I., Lozano, D. E., Mugica, A., Gonzales-Mesa, C., Singh, M. M., Szafran, Z., Pike, R. M. Preparation of Semiconducting Materials in the Laboratory. Part 2. Microscale Chemical Bath Deposition of Materials with Band Gap Energies in the UV, Vis, and IR. *J. Chem. Educ.* 1997; 174 (10): 1205–1207.
6. Rodriguez-Lazcano, Y., Guerrero, L., Daza, O. G., Nair, M. T. S., Nair, P. K. Antimony Chalcogenide Thin Films: Chemical Bath Deposition and Formation of New Materials by Post Deposition Thermal Processing. *Superficies y Vacío* 1999; 9: 100–103.
7. Ibanez, J. G., Solorza, O., Gomez-del-Campo, E. Preparation of Semiconducting Materials in the Laboratory. Part 1. Production of CdS Thin Films and Estimation of Their Band Gap Energy. *J. Electrochem. Soc.* 1991; 68 (10): 872–875.
8. McAleese, J., O'Brien, P. Nucleation Studies of ZnS and ZnO Growth by Chemical Bath Deposition (CBD) on the Surface of Glass and Tin Oxide Coated Glass. *Mat. Res. Soc. Symp. Proc.* 1998; 485: 255–260.
9. Hasan, F., Rahmanto, W. H. Pengendapan Kimia ZnS Menggunakan Ligand Tunggal NH₃. 2. Efek Perlakuan Substrat Tanpa Potensial Listrik Eksternal. *J. Sains & Mat.* 2001; 9 (1): 9–12.
10. Oladeji, I. O., Chow, L., Ferekides, C. S., Viswanathan, V., Zhao, Z. Metal/CdTe/CdS/Cd_{1-x}Zn_xS/TCO/Glass: A New CdTe Thin Film Solar Cell Structure. *Solar Energy Materials & Solar Cells* 2000; 61: 203–211.
11. O'Brien, P., Otway, D. J., Smyth-Boyle, D. The Importance of Ternary Complexes in Defining Basic Conditions for the Deposition of ZnS by Aqueous Chemical Bath Deposition. *Thin Solid Film* 2000; 361–362: 17–21.

12. Kusumawardani, A. I., Rahmanto, W. H. Pengendapan Kimia ZnS Menggunakan Ligan Tunggal NH₃. 1. Efek Variasi pH. J. Nas. Kim. Fis. 2000; 2 (3): 55–57.
13. Bard, A. J., Faulkner, L. R. Electrochemical Methods Fundamentals and Applications. New York: John Wiley and Sons, 1980: 17.
14. Pierret, R. F. Semiconductor Fundamentals. 2nd ed. vol. 1. New York: Addison-Wesley, 1988: 3, 23–28.
15. Vogel. Buku Teks Analisis Anorganik Kualitatif Makro dan Semimikro. bagian I, edisi kelima, alih bahasa: Setiono, L., Ir., Pudjaatmaka, A. H., Dr. Jakarta: PT Kalman Media Pusaka, 1990: 72–80, 95–100, 266, 290.
16. Cotton, F. A., Wilkinson, G. Kimia Anorganik Dasar. Jakarta: Penerbit Universitas Indonesia, UI-Press, 1989: 401.
17. Harris, D. C. Quantitative Chemical Analysis. 4th ed. New York: W. H. Freeman and Company, 1996.
18. Rochani, S. Pewarnaan Anodizing dengan Menggunakan Plat Aluminium. Makalah Teknik No. 15 Th. 7, Januari 1999; 29–38.
19. Atkins, P. W. Kimia Fisika. edisi keempat, jilid 2. Jakarta: Penerbit Erlangga, 1997: 169.
20. Winter, W. T. FCH551: Polymer Techniques Lab. Expt. F: X-Ray Diffraction. SUNY College of Environmental Science and Forestry 2002.
21. West, A. R. Basic Solid State Chemistry. New York: John Wiley and Sons, 1988: 121–123.
22. Klein, C. Manual of Mineralogy. 20th ed. New York: John Wiley and Sons, 1985: 220–225.
23. Fransen, M. Faster X-Ray Powder Diffraction Measurement. American Laboratory 2002; 42–49.
24. Parrish, W., Mantler, M. Encyclopedia of Chemistry. New York: McGraw-Hill Book Company, 1992; 1174–1176.
25. Anonim. Mineral Powder Diffraction File. data book 1, 2. USA: JCPDS International Center for Diffraction Data, 1980.