

## DAFTAR PUSTAKA

1. 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.
2. 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. Chem. Educ.* 1991; 68 (10): 872-875.
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. 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; 74 (10): 1205-1207.
5. Oladeji, I. O., Chow, L. Study of the Effect of Ammonium Salt on Chemical Bath Deposited Zinc Sulfide Thin Films. *Thin Solid Films* 1999; 339: 148-153.
6. Oladeji, I. O., Chow, L. Optimization of Chemical Bath Deposited Cadmium Sulfide Thin Films. *J. Electrochem. Soc.* 1997; 144 (7): 2342-2346.
7. 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.
8. Hasan, F., Rahmanto, W. H. Pengendapan Kimiawi ZnS Menggunakan Ligan Tunggal NH<sub>3</sub>: 2. Efek Perlakuan Substrat Tanpa Potensial Listrik Eksternal. *J. Sains & Mat.* 2001; 9 (1): 9-12.
9. 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 Films* 2000; 361: 17-21.
10. Oladeji, I. O., Chow, L., Ferekides, C. S., Viswanathan, V., Zhao, Z. Metal/CdTe/CdS/Cd<sub>1-x</sub>Zn<sub>x</sub>S/TCO/Glass: A New CdTe Thin Film Solar Cell Structure. *Solar Energy Materials & Solar Cells* 2000; 61: 203-211.

11. Kusumawardani, A. I., Rahmanto, W. H. Pengendapan Kimia ZnS Menggunakan Ligan Tunggal NH<sub>3</sub>: 1. Efek Variasi pH. J. Nas. Kim. Fis. 2000; 2 (3): 55-57.
12. Bard, A. J., Faulkner, L. R. Electrochemical Methods Fundamental and Applications. New York: John Wiley & Sons, 1980: 17.
13. Vogel. Buku Teks Analisis Anorganik Kualitatif Makro dan Semimikro. Edisi kelima. Alih bahasa: Setiono, L., Pudjaatmaka, A. H. Jakarta: PT Kalman Media Pusaka, 1990: 73-75, 81-86, 266, 289.
14. Cotton, F. A., Wilkinson, G. Kimia Anorganik Dasar. Alih bahasa: Suharto, S. Jakarta: Penerbit Universitas Indonesia, 1989: 107.
15. Haris, C. D. Quantitative Chemical Analysis. 4<sup>th</sup> ed. New York: W. H. Freeman, 1996.
16. Rochani, S. Pewarnaan Anodizing dengan Menggunakan Plat Aluminium. Majalah Teknik 1999; (7) 15: 29-38.
17. West, A. R. Basic Solid State Chemistry. New York: John Wiley & Sons, 1998: 121-123.
18. Atkins, P. W. Kimia Fisika. Edisi keempat. Jilid 2. Alih bahasa: Kartohadiprodjo, I. I. Jakarta: Penerbit Erlangga, 1997: 169.
19. Winter, W. T. FCH551: Polymer Techniques Lab. Expt. F: X-Ray Diffraction. SUNNY College of Environmental Science and Forestry 2002.
20. Fransen, M. Faster X-Ray Powder Diffraction Measurement. American Laboratory 2002; 42-49.
21. Anonim. Mineral Powder Diffraction File. Data book 1, 2. USA: JCPDS International Centre for Diffraction File, 1980.